GMT

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GREAT MACHINE TOOLS ®

Accessories
Cutting Tools
Measuring Tools

Quality Control Team Available



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Introduction

◆ Investment in Factories for Hydraulic Iron Worker,Hydraulic Press Brake, Hydraulic Swing Beam Shear Machine, Hydraulic Guillotine Machine with variable rake, Roller Plate Bending Machine,etc.

◆ International Trade not only for our factories products, and also Agent for many other factories.

◆ We specialized in dealing with Machine Tools, Accessories, Measuring and Cutting Tools for many years, such as all kinds of Lathe, Milling machine, Drilling machine, Grinding machine, etc. Measuring & Cutting tools, Machine Accessories. Our main market are in Europe and North American, such as Germany, Italy, France, Spain, Belgium, Greece, USA, Canada, etc.

◆ Advangages

First, we have quality control team who will check every machine before the machines and accessories be packed in the Factory. As you know, the Worker sometime will have some mistake, so the quality of the products will different from time to time, our Engineer will check the quality according to our checking list.

Secondly, we can arrange the machines, tools, and accessories mixed in one Container.

Finally, good and quick services are our aim.



Production Base

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LATHE

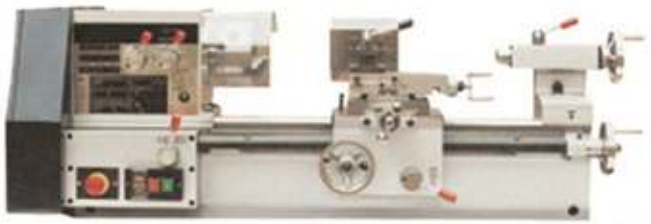
HIGH PRECISION LATHE



SL20



SL250/SL250V



SLB25



SL280VX700

Specification	SL20/SL20L	SLB25/SLB25L	SL250/SL250V	SL280/SL280V	SL280-F/SL280V-F
Swing over bed	200mm	250mm	250mm	280mm	280mm
Swing over cross slide	115mm	115mm	145mm	165mm	165mm
Taper of spindle bore	MT3	MT4	MT4	MT4	MT4
Spindle bore	20mm	27mm	26mm	26mm	26mm
Distance between Centre	350/520mm	450/700mm	550/750mm	700mm	700mm
Number of steps of spindle speeds	6	6	6	6	6
Range of spindle speeds	120-2000rpm	115-1620rpm	125-2000/50-2000 rpm	125-2000/50-2000 rpm	125-2000/50-2000 rpm
Metric thread cultting	0.4-3mm(11steps)	0.2-3.5mm(20steps)	0.4-3.5mm	0.4-3.5mm	0.2-3.5mm
Range of inch threads	8-32T.P.I	8-56T.P.I	8-56T.P.I	8-56T.P.I	8-56T.P.I
Range of longitudinal feeds	0.04-0.3 mm/rev	0.05-0.1 mm/rev	0.07-0.20 mm/rev	0.07-0.20 mm/rev	0.07-0.40 mm/rev
Taper of tailstock sleeve	MT2	MT3	MT2	MT2	MT2
Top slide travel			50mm	80mm	50mm
Motor	0.37KW	0.75KW	0.55/0.75KW	0.75/1.1KW	0.75/1.1KW
Overall dimension L x W x H(mm)	1080 x 610 x 380mm	1260/1510 x 570 x 580mm	1150/1350 x 560 x 570mm	1400 x 700 x 680mm	1400 x 700 x 680mm
Net weight	10kg/125kg	151kg/171kg	120kg/140kg	190kg	210kg/230kg

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LATHE

BENCH & SMALL LATHE



SL280V/SL280V-F



(Foot Stand is optional)



SL1237G



SL1340G



SL1237G SUPER



SL1340G SUPER

Specification			SL 1237G SL 1237G Super	SL 1340G SL 1340G Super
Swing over bed (mm)			300	330
Swing over gap (mm)			480	476
Swing over carriage (mm)			173	195
Distance between Centres (mm)			940	1000
Steps of spindle speed			9	8
Range of spindle speed (rpm)			64–1500	70–2000
Motor power			1.5kw	1.5kw
Packing size (mm)	Machine		1780 × 740 × 750	1920 × 760 × 760
	Stand	Large	430 × 370 × 700	440 × 410 × 700
		Small	370 × 300 × 700	370 × 410 × 700
N.W/G.W (machine)			350/400kg	395/495
N.W/G.W (stand)			60/65kg	70/75

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LATHE

BENCH & SMALL LATHE



SL250/SL280 Super



SL250V/SL280V Super



SL290V Super

Model	SL250 Super	SL280 Super	SL250V Super	SL280V Super	SL290V Super
Max. SwingDia. Over Bed	254mm	280mm	254mm	280mm	290mm
Max. SwingDia. Over Cross Slide	156mm	182mm	156mm	182mm	185mm
Max. Length of Work piece	550mm	660mm	550mm	660mm	750mm
Taper of spindle bore	MT4	MT4	MT4	MT4	MT5
Hole through spindle	26mm	26mm	26mm	26mm	38mm
Range of spindle speeds	125-2000rpm(50Hz) / 150-2400rpm(60Hz)	125-2000rpm(50Hz) / 150-2400rpm(60Hz)	100-800rpm / 160-1300rpm / 250-2000rpm	100-800rpm / 160-1300rpm / 250-2000rpm	75-625rpm 300-2500rpm
Longitudinal feed per revolution of spindle	0.063-0.35mm/rev	0.063-0.35mm/rev	0.063-0.35mm/rev	0.063-0.35mm/rev	0.017-0.25mm/r
Range of inch threads to be cut	8-72T,P,L(32kinds)	8-72T,P,L(32kinds)	8-72T,P,L(32kinds)	8-72T,P,L(32kinds)	0.07-0.52mm/r
Maximum tool size	0.25-3.5mm(18kinds)	0.25-3.5mm(18kinds)	0.25-3.5mm(18kinds)	0.25-3.5mm(18kinds)	8-56T.P.L(21kinds)(Longitudinal) 0.20-3.5mm(18kinds)(Transverse)
Range of metric threads to be cut	12x12mm	12x12mm	12x12mm	12x12mm	16x16mm
Dia. of tailstock sleeve	32mm	32mm	32mm	32mm	32mm
Taper of tailstock sleeve	MT2	MT2 or MT3	MT2	MT2 or MT3	MT3
Max. travel of tailstock sleeve	65mm	65mm	65mm	65mm	80mm
Motor power	0.75kw(1HP)	0.75kw(1HP)	0.75kw(1HP)	0.75kw(1HP)	1.1KW(0.75KW)
Motor frequency	50Hz or 60Hz	50Hz or 60Hz	5-100Hz	5-100Hz	5-100HZ
Net weight	160kg	190kg	170kg	200kg	220KGS
Packing size	1400x570x565mm	1400x570x630mm	1400x570x565mm	1400x570x630mm	1450x750x700mm
Gross weight	210kgs	240kgs	220kgs	250kgs	260KGS

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LATHE

SMALL LATHE



INTERNAL GRINDING



EXTERNAL GRINDING

External grinding data		Internal grinding data	
Swing over bed (mm)	Max.grinding diameter (mm)	Min.grinding diameter (mm)	Mix grining depth (mm)
ϕ280	ϕ6	ϕ30	ϕ90
ϕ300	ϕ75		
ϕ320	ϕ100		
ϕ400	ϕ140		
ϕ500	ϕ180		
Spindle speed	(50HZ)3750	Spindle speed	(50HZ)13700
	(60HZ)4500		(60HZ)16500
Main motor power	370W	Net weight	32kg
Packing case dimensions	55×40×40	Gross weight	40kg



SL300 Super



SL330

Specification	SL300 Super	SL330
Swing over bed	310mm	330mm
Swing over cross slide	180mm	180mm
Swing in gap	450mm	470mm
Distance between centers	750/910mm	1000mm
Spindle bore	38mm	38mm
Taper of spindle bore	MT5	MT5
Range of spindle speeds	65-1810rpm	65-1810rpm
Range of longitudinal feeds	0.0527-1.2912mm/rev	0.0527-1.2912mm/rev
Range of cross feeds	0.011-0.276mm/rev	0.011-0.276mm/rev
Range of metric threads	0.4-7mm	0.4-7mm
Max size of tool shank	14 x 14mm	14 x 14mm
Taper of tailstock bore	MT3	MT3
Power of moter	1.1kw/1.5kw	1.1kw/1.5kw

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LATHE

SMALL LATHE



SL0632A-Top
SL0636A-Top
SL0636V



SL0632D
SL0636D

To cut Metric and Imperial Threads without changing Gears

Model	SL0632A-TOP / SL0632D		SL0636A-TOP / SL0636D		SL0636V
Swing over bed	330mm(13")		360mm(14")		358mm(14")
Swing over cross slide	198mm(7-25/32")		224mm(8-13/16")		223mm(8-25/32")
Swing in gap diameter	476mm(18-3/4")		502mm(19-3/4")		502mm(19-3/4")
Swing in length	210mm(8-1/4")		210mm(8-1/4")		210mm(8-1/4")
Admits between	750mm(30") or 1000mm(40")		750mm(30") or 1000mm(40")		750mm(30") or 1000mm(40")
Bed width	187mm(7-3/8")		187mm(7-3/8")		187mm(7-3/8")
Spindle bore	38mm(1-1/2")	38mm(1-1/2") or 40mm(1-9/16")	38mm(1-1/2") or 52mm(Optional)	38mm(1-1/2") or 40mm(1-9/16") or 52mm(Optional)	38mm(1-1/2")
Spindle nose	D1-4"	D1-4 or D1-5	D1-4"	D1-4 or D1-5	D1-4"
Taper in nose	MT NO.5		MT NO.5		MT NO.5
Taper in sleeve	MT NO,3		MT NO,3		MT NO,3
Speeds number	8		8		8
Range of spindle speed	70-2000 r/min		70-2000 r/min		20~450 or 135~3000 r/min
Cross slide width	130mm(5-3/32")		130mm(5-3/32")		130mm(5-3/32")
Cross slide travel	170mm(6-11/16")		170mm(6-11/16")		160mm(6-5/16")
Compound rest width	80mm(3-1/8")		80mm(3-1/8")		80mm(3-1/8")
Compound rest travel	95mm(3-9/16")		95mm(3-9/16")		95mm(3-9/16")
Lead screw diameter	22mm(7/8")		22mm(7/8")		22mm(7/8")
Lead screw thread	8T.P.I.or 3mm		8T.P.I.or 3mm		8T.P.I.or 3mm
Feed rod diameter	19mm(3/4")		19mm(3/4")		19mm(3/4")
Cutting tool max section	16mm×16mm(5/8"*5/8")		16mm×16mm(5/8"*5/8")		16mm×16mm(5/8"*5/8")
Threads imperial pitches	34 Nos.4-56 T.P.I	42 Nos.4-112 T.P.I	34 Nos.4-56 T.P.I	42 Nos.4-112 T.P.I	34 Nos.4-56 T.P.I
Threads metric pitches	26 Nos.0.4-7 M.P	44 Nos.0.1-7 mm	26 Nos.0.4-7 M.P	44 Nos.0.1-7 mm	26 Nos.0.4-7 M.P
Longitudinal feeds imperial	32 Nos.0.002-0.548"/Rev	24 Nos.0.00168-0.1175"/Rev	32 Nos.0.002-0.548"/Rev	24 Nos.0.00168-0.1175"/Rev	32 Nos.0.002-0.548"/Rev
Longitudinal feeds metric	32 Nos.0.052-0.392mm/Rev	24 Nos.0.046-3.249mm/Rev	32 Nos.0.052-0.392mm/Rev	24 Nos.0.046-3.249mm/Rev	32 Nos.0.052-0.392mm/Rev
Cross feeds imperial	32 Nos.0.007-0.0187"/Rev	32 Nos.0.00046-0.3231"/Rev	32 Nos.0.007-0.0187"/Rev	32 Nos.0.00046-0.3231"/Rev	32 Nos.0.007-0.0187"/Rev
Cross feeds metric	32 Nos.0.014-0.380mm/Rev	24 Nos.0.01-0.703mm/Rev	32 Nos.0.014-0.380mm/Rev	24 Nos.0.01-0.703mm/Rev	32 Nos.0.014-0.380mm/Rev
Quill diameter	32mm(1-1/4")	32mm(1-1/4")or 42mm(1-21/32")	32mm(1-1/4")	32mm(1-1/4") or 42mm(1-21/32")	32mm(1-1/4")
Quill travel	100mm(3-15/16")		100mm(3-15/16")		100mm(3-15/16")
Quill taper	MT NO.3		MT NO.3		MT NO.3
For main motor	2HP,3HP or 2HP, 1HP	1.5kw(2HP)	2HP,3HP or 2HP, 1HP	1.5kw(2HP)	2HP,3HP or 2HP, 1HP
Packing Dimension	1680 × 750 × 1420mm		1930 × 760 × 1530mm		1940 × 760 × 1520mm
Net/Gross Weight	510kgs/600kgs		540kgs/645kgs		600kgs/630kgs

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LATHE

SMALL LATHE



SL6236



SL6240L
Casting iron foot stands is optional



SL6236L



CE6241L

Model	SL6236L	SL6236	SL62401L	CE6241L
Swing over bed	356mm(14")	356mm(14")	400mm	410mm(16")
Swing over carriage	220mm(8-5/8")	220mm(8-5/8")	250mm	225mm(10")
Swing in gap diameter	506mm(20")	506mm(20")	520mm	580mm(23")
Width of bed	206mm(10")	206mm(10")	218mm	250mm(10")
Distance between centers	1000mm(40")	1000mm(40")	1080mm	1000mm or 1500mm
Taper of spindle bore	MT NO.5	MT NO.5	MT NO.6	NO.6 Morse
Diameter of spindle hole	40mm (1-1/2")	38mm (1-1/2")	52mm	52mm (2")
Number of spindle speeds	16 Changes	16 Changes	18 charges	16 Changes
Range of spindle speeds	40-1800 r/min	40-1800 r/min	65-1810mm	45-1800 r/min
Spindle nose	D1-4	D1-4	D1-5	D1-6
Metric pitch threads	0.4~7.5mm(22kinds)	0.45~7.5mm (Inch lathe) or 0.4~7mm(Metric lathe)	0.4-7mm	39 kinds 0.2-14mm
Range of longitudinal feeds	0.043-0.653mm (0.0012"~0.0294"/rev)	0.043~0.653mm (0.0012"~0.0294"/rev)	0.0527-1.2912mm/rev 0.0021"-0.0508"/rev	0.05-1.7mm/rev (0.002"-0.067"/rev)
Range of cross feeds	0.015-0.220mm (0.0003"~0.01"/rev)	0.027~0.413mm/rev (0.0004"~0.01"/rev)	0.011-0.276mm/rev 0.00043"-0.0109"/rev	0.025-0.85mm (0.001"-0.0335"/rev)
Travel of tailstock quill	120mm(4-3/4")	120mm(4-3/4")	110mm	120mm(4-3/4")
Diameter of tailstock quill	ϕ45mm(1-25/32")	45mm(1-3/4")	50mm	60mm(2-5/16")
Taper hole of tailstock quill	MT NO.3	MT No.3	MT NO.4	No.4 Morse
Main motor power	3kw(3/1HP)	1.5/2.4kw(2/3HP)	2.2kw or 1.5/2.4kw (two speeds optoanl)	2.2/3.3kw(3/4.5HP)
Coolant pump motor power	0.04kw(0.055HP)	0.04kw	0.04kw	0.1kw
Overall dimentions of lathe (L*W*H)	1920*740*1150mm	1820*740*1250mm	1800*780*1300mm	1940*850*1320mm
Packing size of lathe(L*W*H)	1970*760*1460mm	1930*760*1580mm	1900*800*1600mm	2060*830*1640mm
Net weight	1050kg (2310 lbs)	730kg	640kg	1160kg
Gross weight	1150kg (2530 lbs)	860kg	7510kg	1350kg

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LATHE

GAP BED LATHE



CE6240A



CE1840D/B

Model	CE6240A	CE1640D	CE1660D	CE1840D	CE1860D	CE1840D/B	CE1860D/B
Max.swing over bed	400mm	410mm		458mm			
Max. Swing over cross slide	202mm	240mm		288mm			
Max. Swing over gap	585mm	595mm		640mm			
Length of gap	200mm	155mm					
Spindle hole	ϕ46/52mm	ϕ52mm				ϕ77mm	
Spindle speed	25-1600rmp	32-2000rpm, 12steps					
Metric thread range	30kinds, 0.45-20mm	53kinds, 0.4-14mm					
Inch thread range	35kinds, 80-1 3/4 n/1	40kinds, 2-56tpi					
Module thread range	25kinds, 0.25-10mm	44kinds, 0.4-7MP					
Diametrical thread range	30kinds, 160-3 1/2 D.P.	32kinds, 4-32DP					
Longitudinal feed range	0.04-2.16mm/rev	0.032-0.898 mm/rev					
Cross feed range	0.02-1.08mm/rev	0.016-0.449 mm/rev					
Cross slide travel	240mm	230mm					
Compound rest travel	140mm	120mm					
Center distance	750/1000mm	750/1000/1500 mm					
Main drive motor	4.5kw	4kw,3PH 3KW/4.5KW					
Overall dimension(LxWxH)	2270*1050*1470mm	2000/2250/2750*980*1210 mm					
Net weight	1300kg	1450/1700/1950 kgs					

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LATHE

GAP BED LATHE



CE6241
CE6246



CE6251B
CE6256B

Model	CE6241	CE6246	CE6251B	CE6256B
Max.swing over bed	410mm(16")	460mm(18")	510mm(20")	560mm(22")
Max. Swing over cross slide	220mm(8-13/16")	270mm(10-3/4")	305mm(12")	355mm(14")
Max. Swing over gap	640mm(25-1/8")	690mm(27-1/8")	735mm(29")	785mm(31")
Length of gap	165mm(6-1/2")		170mm(6-3/4")	
Spindle hole & taper	58mm(2-1/4")/82mm(Optional)		80mm(3-1/8")	
Spindle speed	12 changes,25~2000r/min		12 changes,25~1600r/min	
Metric thread range	41 kinds,0.1-14mm		41 kinds,0.2-14mm	
Inch thread range	60 kinds,2-112T.P.I.		60 kinds,2-112T.P.I.	
Module thread range	34 kinds,0.1-7M.P.		39 kinds,0.1-7M.P.	
Diametrical thread range	50 kinds,4-112T.P.I.		50 kinds,4-112T.P.I.	
Longitudinal feed range	42 kinds,0.031-1.7mm/rev (0.0011"-0.0633"/rev)		35 kinds,0.059-1.646mm/rev (0.0022"-0.0612"/rev)	
Cross feed range	42 kinds,0.014-0.784mm (0.00033"-0.01837"/rev)		35 kinds,0.020-0.573mm/rev 0.00048"-0.01354"/rev)	
Cross slide travel	285(11-1/4")mm		316mm(12-1/2")	
Compound rest travel	128mm(5")		130mm(5-1/8")	
Center distance	1000mm(40") or 1500mm(60") or 2000mm(80")		1000mm(40") or 1500mm(60") or 2000mm(80") or 3000mm(120")	
Main drive motor	5.5kw(7.5HP) 3PH		7.5kw(10HP) 3PH	
Overall dimension(L*W*H) (mm)	2250 × 1120 × 1620 or 2800 × 1120 × 1560 or 3300 × 1130 × 1560	2250*1120*1620 or 2800*1120*1560 or 3300*1130*1560	2450 × 1150 × 1740 or 2900 × 1150 × 1740 or 3400 × 1150 × 1740 or 4400 × 1150*1740	2450 × 1150 × 1740 or 2900 × 1150 × 1740 or 3400 × 1150 × 1740 or 4400 × 1150*1740
Net weight /Gross weight (kg)	1580/1845 or 1745/2050 or 1900/2230	1645/1910 or 1810/2115 or 1965/2295	2035/2415 2160/2550 2435/2840 2805/3270	2160/2555 2285/2690 2560/2980 2930/3410

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LATHE

GAP BED LATHE



CE6250BX2000



CE6266X3000

Model	CE6240	CE6250	CE6250B	CE6250C	CE6266B	CE6266C
Max. Swing over bed	400mm	500mm			660mm	
Max. Swing over cross slide	220mm	300mm			420mm	
Max. Swing over gap	630mm	710mm			870mm	
Length of gap	240mm				240mm	
Spindle hole & taper	Φ52mm		Φ82mm	Φ105mm	Φ82mm	Φ105mm
Spindle speed	9-1600rpm,24kinds			36-1600rpm,12steps	9-1600rpm,24steps	36-1600rpm,24steps
Metric thread range	0.5-224mm,48kinds			1-14mm,22kinds	0.5-224mm,48kinds	1-14mm,22kinds
Inch thread range	72-1/8tpi,48kinds			20-2tpi,25kinds	72-1/8tpi,49kinds	20-2tpi,25kinds
Module thread range	0.5-112mm,42kinds			0.5-7mm,18kinds	0.5-112mm,42kinds	0.5-7mm,18kinds
Diametrical thread range	56-1/4tpi,42kinds			56-4DP,24kinds	56-1/4DP,45kinds	56-4DP,24kinds
Longitudinal feed range	0.028-6.43mm/r,93kinds			0.063-2.52mm/rev,65kinds	0.028-6.43mm/r,93kinds	0.063-2.52mm/rev,65kinds
Cross feed range	0.012-2.73mm/r,93kinds			0.027-1.07mm/rev,65kinds	0.012-2.73mm/r,93kinds	0.027-1.07mm/rev,65kinds
Cross slide travel	320mm				310mm	
Compound rest travel	145mm				145mm	
Center distance	750/1000/1500/2000/3000mm				1000/1500/2000/3000mm	
Main drive motor	7.5kw				7.5kw	
Overall dimension (LxWxH)	2382/2632/3132/3632/4632x975x1230mm				2630/3130/3630/4630x1050x1350	
Net weight (kgs)	1795/2050/2250/2450/2850		2050/2100/2300/2500/2900		2400/2600/2800/3000	

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LATHE

GAP BED LATHE



CE6250Q



CE6260QB

Model	CE6240Q	CE6250Q	CE6260Q	CE6240QB	CE6250QB	CE6260QB
Max swing over bed	400mm(16")	500mm(20")	600mm(24")	400mm(16")	500mm(20")	600mm(24")
Swing over carriage	225mm	325mm	360mm	225mm	325mm	360mm
Swing over gap	550mm	630mm	730mm	550mm	630mm	730mm
Center distence	1000, 1500, 2000mm (rapid feed in apron is optional for 1000, 1500mm)					
Bed width	330mm			330mm		
Spindle bore	Φ65mm			Φ80mm		
Spindle taper	Metric 70mm; C6 or D1–6			Metric 80mm; C8 or D1–8		
Spindle speeds	22–1800rpm (15steps)			24–1600rpm (15steps)		
Metric threads	0.5–28mm (66kinds)			0.5–28mm (66kinds)		
Inch threads	1–56TPI (66kinds)			1–56TPI (66kinds)		
Module threads	0.5–3.5mm (33kinds)			0.5–3.5mm (33kinds)		
Diametric pitch threads	8–56D.P. (33kinds)			8–56D.P. (33kinds)		
Longitudinal feeds	0.072–4.038mm/rev (0.0027–0.15inch/rev) (66kinds)					
Cross feeds	0.036–2.019mm/rev (0.0013–0.075inch/rev) (66kinds)					
Rapid speed of carriage	5m/min			5m/min		
Size of tool shank	25x25mm			25x25mm		
Tailstock quill	Dia. Φ65mm; Taper: MT.5; Travel: 120mm					
Main motor (kw)	4.0 or 5.5		7.5	4.0; 5.5; 7.5		7.5
Packing size (mm)	2420/2920/3460 x 1150 x 1800					
N.W./G.W. (kg)	1560/2210, 1770/2410, 2010/2780	1600/2250, 1830/2470, 2070/2820	1640/2290, 1870/2530, 2130/2860	1640/2290, 1850/2550, 2090/2860	1700/2350, 1910/2610, 2150/2920	1800/2500, 2010/2760, 2070/2250

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LATHE

GAP BED LATHE



CE6266A
CE6280AQ
CE6280A



CE6280C

Model	CE6266A	CE6280AQ	CE6280A	CE6280C
Width of Bed	400mm	400mm	510mm	510mm
Max.swing over bed	860mm	800mm		800mm
Max. Swing over cross slide	440mm	570mm	560mm	560mm
Max. Swing in gap diameter	900mm	1035mm	1040mm	1000mm
Length of gap	250mm			240mm
Distance between centers	1500mm/2000mm/3000mm			1000mm/1500mm/2000mm/3000mm
Spindle hole & taper	Φ105mm			
Range of spindle speed	25~1600rpm	25~1600rpm	17~1100rpm	30~1400rpm
Inch threads range	7/16~80T.P.I. (54kinds)			20~2T.P.I. (25kinds)
Metric threads range	0.45~120mm (54kinds)			1~14mm (22kinds)
Diametrical pitches range	7/8~160DP (42kinds)			56~4DP (24kinds)
Module pitches range	0.25~60MP (46kinds)			0.5~7mm (18kinds)
Longitudinal feeds range	0.044~1.48mm/rev (25kinds)			0.063~2.52mm/rev (65kinds)
Cross feeds range	0.022~0.74mm/rev (25kinds)			0.027~1.07mm/rev (65kinds)
Cross slide travel	368mm	420mm	420mm	320mm
Compound rest travel	230mm			145mm
Main motor power	7.5kw (10HP)		11kw (15HP)	7.5kw
Overall dimension (LxWxH)	3210/3710/4710 x1230x1600mm	3210/3710/4710 x1230x1670mm	3210/3710/4710 x1360x1670mm	2370/2870/4370 x1340x1490mm
Net weight	3060/3345/3710kg	3220/3505/3870kg	3320/3605/3970kg	2900/3100/3300/3700kg

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LATHE

HEAVY LATHE



CE6280D



CE62100D



CE6185A



CE61100A

Specification		CE6263D	CE6280D	CE62100D	CE62125D	CE6185A	CE61100A
Max swing over bed		670mm	840mm	1000mm	1250mm	850mm	1030mm 1600mm
Max swing over cross slide		390mm	560mm	720mm	970mm	520mm	720mm 1180mm
Max swing over gap		930mm	1100mm	1250mm	1510mm	1150mm	1350mm
Valid lengthin gap		340mm		340mm		1500-16000	
Width of bed		550mm optional: 600mm				600mm	
Max capacity of worktable		3t				4t	
Spindle hole & taper		120 or 140mm		120mm	120mm	160mm	
Spindle speeds		6-1100rpm or 6-800rpm/18steps		6-800rpm/18 steps		Manual operating 4 steps (5-630r/min)	
Cross slide travel		420mm		580mm	695mm	600mm	
Center distance		750-12000mm		750/1500/2000/3000/4000/5000/6000		3000/4000/5000/6000mm	
Metric thread range		1-24mm/51kinds		50kinds 1-240mm		56kinds 1-120mm	
Module thread range		0.5-120mm/53kinds		53kinds 0.5-120mm		56kinds 30-1/4"	
Diametrical thread range		30-1/8D.P/42kinds		42 kinds 30-1/8D.P		56kinds 60-0.5D.P	
Longitudinal feeds		0.04-24mm/72kinds		64kinds 0.1-24.3mm		64 kinds 0.08-9.6mm	
Cross feeds		0.02-12mm/72kinds		64kinds 0.05-12mm		64kinds 0.04-4.8mm	
Main drive motor		1.1kw(15kw optional)		15kw		AC15kw	AC18.5kw
Packing size	Length	2760/3510/3965/5010/6010		2815/3515/4015/5015/6160/7160/8160		5150mm	5150mm
	Width	1600mm		1395	1395	1500mm	1600mm
	Height	1565mm	1650mm	1725	1855	1500mm	1600mm
Net weight		3600/4300/5000/5800/6500 7200/8000/11000/13000/15000kg		3600/4300/5000/5800/ 6500/7200/8000kgs		3 meter weight: 5300kgs Extra 1000kgs/extra meter	3 meter weight: 5800kgs Extra 1000kgs/extra meter

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LATHE

HORIZONTAL LATHE



CE61100D



CE61140

Main Parameters	CE61100D	CE61125D	CE61140D	CE61140	CE61160	CE61180	CE61200
Max swing diameter over bed	1040mm	1290mm	1440mm	1440mm	1640mm	1840mm	2040mm
Max swing diameter over carriage	650mm	900mm	1030mm	1050mm	1250mm	1450mm	1650mm
Max swing diameter on gap	1500mm	1750mm	1900mm	1900mm	2100mm	2300mm	2400mm
Width of bed	755mm			1100mm			
Max length of workpiece	1000mm-12000mm						
Max capacity of the worktable	6 Ton			10 Ton			
Spindle nose	A15 (1:30)						
Spindle bore diameter	ϕ120mm / ϕ130mm(Optional)						
Taper of spindle bore	Metric No.140						
Range of spindle speed	3.15-315 r/min 21 kinds FWD 3.5-290 r/min 12 kinds REV						
Spindle front bearing inner diameter	ϕ200mm			ϕ200mm		ϕ220mm	
Longitudinal feeds range	0.1-12 r/min 56 kinds						
Transversal feeds range	0.05-6 mm/r 56 kinds						
Metric threads range	1-120mm 44 kinds						
Inch threads range	3/8-28TPI 31 kinds						
Module threads range	0.5-60mm 45 kinds						
Pitch threads range	1-56TPI 25 kinds						
Taper of tailstock sleeve	Metric No.80						
Travel of tailstock sleeve	300mm						
Diameter of tailstock sleeve	ϕ160mm			ϕ260mm			
Main motor power	22kw			30kw			
Rapid motor power	1.5kw						
Coolant pump power	0.125kw						

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LATHE

HORIZONTAL LATHE



CE61140H



CE61180H

Main Parameters	CE61125H	CE61140H	CE61160H	CE61180H	CE61200H
Max swing diameter over bed	1240mm	1440mm	1640mm	1840mm	2040mm
Max swing diameter over carriage	900mm	1050mm	1250mm	1450mm	1650mm
Width of bed	1100mm				
Max length of workpiece	1000mm-12000mm				
Max capacity of the worktable	15 Ton				
Spindle nose	A15 (1:30)				
Spindle bore diameter	ϕ130mm				
Taper of spindle bore	Metric No.140				
Range of spindle speed	3.15-315 r/min 21 kinds FWD. 3.5-290 r/min 12 kinds REV.				
Spindle front bearing inner diameter	ϕ200mm			ϕ220mm	
Longitudinal feeds range	0.1-12 r/min 56 kinds				
Transversal feeds range	0.05-6 mm/r 56 kinds				
Metric threads range	1-120mm 44 kinds				
Inch threads range	3/8-28TPI 31 kinds				
Module threads range	0.5-60mm 45 kinds				
Pitch threads range	1-56TPI 25 kinds				
Taper of tailstock sleeve	Metric No.80				
Travel of tailstock sleeve	300mm				
Diameter of tailstock sleeve	ϕ260mm				
Main motor power	30kw				
Rapid motor power	1.5kw				
Coolant pump power	0.125kw				

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LATHE

CONVENTIONAL TUBE TURNING LATHE



CTL1319/CTL1322/CTL1332L



CTL1327/CTL1332

SPECIFICATION	UNIT	CTL1319	CTL1322	CTL1325	CTL1327L	CTL1327	CTL1332
Swing over bed	mm	630/800		800		1000	
Swing over cross slide	mm	340/540		480		610	
Distance between centers	mm	1500/3000					
Pipe threading range	mm	50–193	50–220	50–250	50–270	130–270	190–320
Guide way width	mm	550		600		755	755
Max. load capacity	T	3		4		6	6
Spindle bore	mm	200	225	255	280	280	330
Spindle speed steps	–	FWD.12steps REV.9steps		VF. 4 steps		FWD. 12 steps	FWD. 9 steps
Spindle speed range	rpm	20–480				16–380	7.5–280
Chuck	m	ϕ 520/4–jaw manual		ϕ 630/4–jaw manual	ϕ 630/3–jaw manual	ϕ 800/4–jaw manual	ϕ 780/4–jaw electric
Turret/tool post	–	Manual 4 position					
Tool shank size	mm	30 x 30				45 x 45	
X axis travel	mm	320/420		420		520	
Z axis travel	mm	1350/2850					
X axis feed grade/range	mm/r	22/0.02–0.45				40/0.05–1.5	32/0.05–0.75
Z axis feed grade/range	mm/r	26/0.07–1.33				40/0.1–3	32/0.1–1.5
X axis rapid traverse	mm/min	2300				1870	
Z axis rapid traverse	mm/min	4000				3740	
Metric thread grade/range	mm	24/1–14		1–15		30/1–30	23/1–15
Inch thread grade/range	T.P.I	40/28–2		14–1		27/28–1	22/28–2
Tailstock quill diameter	mm	ϕ 100				ϕ 140	
Tailstock quill taper	–	MT5				MT6	
Tailstock quill travel	mm	250				300	
Main spindle motor	kW	11		15		22	
Rapid traverse motor	kW	0.3		1.1		1.5	
Coolant pump motor	kW	0.125					
Width x Height	mm	1550 x 1550	1650 x 1550	1700 x 1600	1700 x 1600	2100 x 1600	2100 x 1650
Length	mm	3700/5200	3700/5200	4100/5600	4100/5600	4800/6300	4900/6400
Net weight	T	4.3/5.5	4.5/5.7	8.0/9.0	8.0/9.0	10.0/11.5	11.5/13.0

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LATHE

CNC TUBE TURNING LATHE



CTL1313 CNC

SPECIFICATION	UNIT	CTL1313 CNC	CTL1319 CNC		CTL1322 CNC		CTL1325 CNC		CTL1327 CNC	
			Manual	HYD.	Manual	HYD.	Manual	HYD.	Manual	HYD.
Swing over bed	mm	630/800					800			
Swing overcross slide	mm	340/540					480			
Distance between centers	mm	1000/1500/3000								
Pipe threading range	mm	30-126	50-193		50-220		50-250		50-270	
Guideway width	mm	550					600			
Max. load capacity	T	3					4			
Spindle bore	mm	130	200		225		255		280	
Spindle speed steps	-	VF. 3 steps	VF. 4 steps	HYD. 4 steps	VF. 4 steps	HYD. 4 steps	VF. 4 steps	HYD. 4 steps	VF. 4 steps	HYD. 4 steps
Spindle speed range	rpm	30-650	20-500		20-500		20-480		20-480	
Chuck	mm	ϕ400/3-jaw manual	ϕ500 3-jaw manual				ϕ630 4-jaw manual			
Turret/tool post	-	NC turret 4 position								
Tool shank size	mm	32 x 32								
X axis travel	mm	320/420					420			
Z axis travel	mm	850/1350/2850								
X axis rapid traverse	mm/min	4000								
Z axis rapid traverse	mm/min	6000								
Tailstock quill diameter	mm	φ100								
Tailstock quill taper	-	MT5								
Tailstock quill travel	mm	250								
Main spindle motor	kW	VF. 11					VF. 15			
Coolant pump motor	kW	0.125								
Width x Height	mm	1800 x 1750					1900 x 1750			
Length	mm	3300/3800/5300					3800/4300/5800			
Net weight	T	4.5/5.0/6.0	4.6/5.1/6.1		4.7/5.2/6.2		6.0/6.5/7.5		6.2/6.7/7.7	

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LATHE

SINGLE COLUMN VERTICAL LATHE



VL5116

Model	VL5110	VL5112	VL5116	VL5120	VL5123	VL5126
Max. Turning diameter	1000mm	1250mm	1600mm	2000mm	2300mm	2600mm
Table diameter	900mm	1000mm	1400mm	1800mm	2000mm	2300mm
Max. Weight of workpiece	2000kg	4000kg	5000kg	8000kg		10000kg
Speed range of table	8-250r/min	6.3-200r/min	5-160r/min	4-125r/min	2.5-80r/min	1.2-40r/min
Speed-step of table	12	16				
Power of main motor	15kw	22kw		AC 30kw	30kw	37kw
Max. Working height of workpiece	800mm	1000/1200mm	1000/1200 1400/1600mm	1200/1400mm	1350/1600mm	1500/1800mm
Travel of railhead horizontal	670mm	700mm	915mm	1050mm		1300mm
Travel of railhead vertical	650mm	800mm				1000mm
Travel of sidehead horizontal	500mm	630mm				730mm
Travel of sidehead Vertical	810mm	900mm		1150mm		1180mm
Weight of machine (About)	8000kg	9000kg	12500kg	15000kg	18000kg	22000kg
Overall dimensions (LxWxH)	2187x2711x3515mm or 1935x1830x2760mm	2360x2270x2800/ 3000mm	2830x2670x2810/ 3010/3210/3410mm	3100x2800x3300/ (3450)mm	3210x2850x3300/ 3500mm	3300x4000x3500/ 3800mm

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LATHE

DOUBLE COLUMN VERTICAL LATHE



VL5232

Model	VL5225	VL5232	VL5240	VL5250	VL5263
Max. Turning diameter	2500mm	3150mm	4000mm	5000mm	6300mm
Max. Working height	1600/2000mm	2000/2500mm	1600/2000/2500/3150mm	2000/2500/3000/ 3150/3650/4150mm	3150mm
Max. Weight of workpiece	10t	10/30t	10/32t	50t	
Table diameter	2250mm	2830mm	2830/3200mm	3600/4500mm	Adding vice-plate:6000
Speed range of table	2-63r/min			1.3-42/0.2-40 (Two gears stepless)	0.5-50 (Two gears stepless)
Max. Torque of table			63KN/m	63/100KN/m	160KN/m
Travel of tool post vertical	1300/1500mm	1000/1300/1500mm	1000/1300/1500mm	1250/1600mm	1600mm
Travel of tool post horizontal	1400mm	1735mm	2150mm	-20-2630mm	3415mm
Rotation angle of tool post			±30°	±30°/-15°~+30°	-15°~+30°
Travel of beam			1300/1700/2200mm	1650mm	2810mm
Power of main motor	55kw		55/75kw (Bearing weight: 30t)	75kw	
Weight of machine (About)	32-38t	36-45t	39-52t	55-100t	100t
Overall dimensions (LxWxH)	6510x4400x4680/ 5080mm	7160x4400x5080/ 5600mm	8010x4400x4680/ 5080/5600mm 8010x5569x6230mm	8610x6000x5600/ 6100/6600mm 10930x6000x6800/ 7300/7800mm	12230x6800x6800/ 7300/7800mm

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LATHE

CNC VERTICAL LATHE



- Standard equipment:
  - Chuck
  - Electric 4-station turret
  - Airtight cover
  - Cooling system
  - Chip and coolant collection tray
- Optional equiment
  - Hydraulic chuck
  - Gang type tool post
  - Semi-enclosed cover
  - Without cooling system
  - Without coolant collection tray

VL800 CNC

Specification	Unit	VL600 CNC	VL800 CNC	VL1000 CNC
Max. Swing diameter	mm	600	800	1000
Max. Turning diameter	mm	500	700	800
Travel (X/Z)	mm	320/600	520/700	800/850
Main motor	kw	11		
Spindle speed	rpm	0~300		
Spindle speed step		Infinite		
Chuck diameter	mm	400	500	
Rapid feed speed(X/Z)	mm/min	8000/10000		
Type of tool post		Electric 4-station turret / Gang type tool post		
Tool shank section size	mm	40x40		
Overall dimensions	mm	2000x1700x2700	2100x1800x2810	2200x1900x2810
CNC system		KND or GSK or GT		
Net weight	kg	5000	5500	6000

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LATHE

CNC LATHE



CE36 CNC



CE50P CNC



CE63B CNC

CNC systems such as FANUC 0i-TC、Dasen 3i, Sinumerik 802D, GSK980T Guangzhou, 21T Huazhong, KND 1000T system, etc. is provided on request. These lathes can perform internal and external cylinderical turning, arbitrary taper turning, facing and threading. They are suitable for various middle or small batch production, especially for complicated and high accuracy workpieces.

Standard accessories: manual chuck, manual tailstock, 4 position electric tool post.
Optional equipment: 6-station turret.
Optional accessories: steady rest, follow rest.

Type / Specification	CE36 CNC	CE40P CNC	CE50P CNC	CE63B CNC	CE80B CNC
Max. swing dia. over bed	Φ360mm	Φ400mm	Φ500mm	Φ630mm	Φ800mm
Max. turning dia. over carriage	Φ180mm	Φ200mm	Φ280mm	Φ360mm	Φ480mm
Max. turning dia. over bed	Φ320mm	Φ400/350mm	Φ500/350mm	Φ630/500mm(6-station turret)	Φ800(Vertical 4-station)
Max. part length	750mm	710/960/1460/1960mm		1000/1500/3000mm	
Max. turning length		570/820/1320/1960mm		760/1260/2760 (Vertical 4-station)	
Spindle bore diameter	Φ57mm	Φ77mm		Φ105mm	
Type of spindle nose	D Type No.6	ISO 702/I A2-8 or ISO 702/II No.6		A1-11	
Spindle speed (r/min)	Stepless 140-3000			H: 112-1120 M: 37-373 L: 20-210	
Spindle drive motor power	12kw	7.5kw		11kw	
Tailstock quill diameter		Φ75mm(Φ80mm hydraulic)		Φ100mm	
Tailstock quill travel	55/120mm	150mm(130mm hydraulic)		250mm	
Tailstock quill taper	MT No.4	MT No.5(MT No.3 hydraulic)		Morse No.5	
X/Z rapid traverse rate	6/6 m/min	6/12 m/min		6/7m/min	
Number of tool station		4(optional 6)		4/6	
Tool O.D. size	20x20mm	25x25mm		32x32mm	
X travel	200mm	275mm		390mm	
Z travel	260mm	650/900/1400/1900mm		760/1350/2850mm	
Dimension (LxWxH)	2197/1247/1600mm	2550/2800/3300/ 3800x1920x2200mm		3500/4000/ 5500x1580x1850mm	3500/4000/ 5500x1680x2000mm

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LATHE

CNC LATHE



CE7520 CNC



CE7530 CNC

CE75 series CNC lathes adopt strengthed casting base and exclusive slant bed structure.which provide excellent rigidity,dampening,and convenient chip removal. The high precision through-hole spindle driven by powerful A.C.main motor,features the stability and low noise during operation.Key parts like NC system, turret,chuck and bearings on the ball screw and main spindle are all famous foreign products,with their good relibility and low noise,ensuring the higher machining accuracy and loger part life.

items		unit	CE7516CNC	CE7520CNC	CE7525CNC	CE7530 CNC	
						Electrical post	Hydraulic tool post
capacity	Max swing dia. over bed	mm	Φ400	Φ500	Φ550	Φ670	Φ670
	Max swing dia. over slide	mm	Φ260	Φ320	Φ370	Φ470	Φ470
	Max turning diameter	mm	Φ285	Φ370(280)	Φ450	Φ600	Φ500
	Max turning length	mm	400	530	1000	1500	1500
	Max bar diameter	mm	Φ42	Φ51	Φ73	Φ90	Φ90
spindle	Type of spindle nose	mm	A2-5	A2-6	A2-8	A2-8	A2-8
	Spindle bore diameter	rpm	Φ57	Φ62	Φ87	Φ105	Φ105
	Spindle speed	mm	55-5500	40-4000	30-3000	75-2500	25-2500 L: 12-830 H: 50-2500 (with a reducer)
	Chuck size	mm	Φ165	Φ210	Φ254	Φ110	Φ110
	Spindle drive motor power	kw	11/15	11/15	15/18.5(18.5/22)	22/30	22/30
Tailstock	Tailstock quill diameter	mm	Φ70	Φ90/Φ100	Φ100	Φ110	Φ110
	Center taper(Standard/live spindle)	m	MT No.4/2	MT No.5/4	MT No.5/4	MT No.5/4	MT No.6/5
	Tailstock quill travel	mm	80	100	100	150	150
Turret	Number of tool stations	mm	12/8	12/8	12/8	8/12	8/12
	Tool O.D. size (turning/boring)	mm	20x20 / Φ32	25x25 / Φ40	25x25/40	32x32/Φ50	32x32/Φ50
Feeds	X travel	mm	165	210	250	325	325
	Z travel	mm	410	550	1010	1550	1550
	X/Z rapid traverse rate	m/min	12/16	12/16	12/16	12/16	12/16
others	Power supply	kVA	35	35	50	35	60
	Dimension (LxWxH)	mm	2540x1670x1660	3255x1805x1850	3730x1850x1930	4822x2276x2178	4822x2276x2178
	Net weight	kg	3000	4500	5000	8300	9730

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LATHE

CNC LATHE

CE6163, CE6263, CE6180, CE6280 CNC lathe can fit with FANUC OT-D, SIEMENS etc. CNC system

SPECIFICATION	CE6163CNC	CE6263CNC	CE6180CNC	CE6280CNC
Max. swing diameter over bed	Φ670mm		Φ840mm	
Max. swing diameter in gap		Φ930mm		Φ1100mm
Max. length of workpiece	750/1500/2000/3000/4000/5000mm			
Max. swing over carriage	Φ360mm		Φ530mm	
Max. turning length	500/1250/1750/2750/3750/4750mm			
Spindle bore	Φ105mm			
Taper in spindle nose	120			
Taper of center	Morse No.5			
Spindle speeds	4 steps			
Range of spindle speeds	15~800r/min			
Section dimension of tool bar	32x32mm			
Max. travel of center sleeve	300mm			
Taper of center sleeve bore	Morse No.5			
Main motor power	11kw			
Overall dimensions (LxWxH)	2985/3685/4185/5185/6185/7065x1700x1880mm			
Net Weight / Gross Weight	4300/4700/5000/5500/6000/6500 / 4800/5200/5500/6000/6500/7000 kg			



CE6280CNC



CK61100

- Spindle Box

Import Precision Bearing

CKW Adopted Hydranlic Speed Change System

- CNC Controll

Fanuc, Siemens

- Turret

Italy 8 or 12 Position TurretAuto Lubrication System

X and Y Axle with Ball screw from Germany

- Hydranlic Power Chuck
- Sebi and Fully Safe-guard Device

SPECIFICATION	CK6180	CK61100	CK61125	CK61140	CK61160	CK61180	CK61200
Swing over bed	840mm	1000mm	1250mm	1400mm	1600mm	1800mm	2000mm
Swing over cross slide	520mm	640mm	890mm	1040mm	1240mm	1440mm	1640mm
Distance between centers	1500/2000/3000/4000/5000mm			1500/3000/5000mm			
Cross slide travel	600mm	650mm	780mm	850mm	950mm	1050mm	1150mm
Spindle bore	100mm	130/104mm					
Range of spindle speed	5-800rpm (no steps)	21 steps/3.15-315rpm 5-630rpm(no steps)		21 steps/2.5-250rpm		21 steps/2-200rpm	
				2.5-300rpm(no steps)			
Spindle dia. In front bearing	180mm	200/220mm					
Quill dia.	120mm	160mm					
Quill stroke	250mm	300mm					
Taper in quill	Morse No.6						
Cutting feed rate	X: 0.001-500mm/min Z: 0.001-500mm/min						
Rapid traverse	X: 4000mm/min Z: 6000mm/min						
Power of main motor	22kw	22/37kw					
Dimensions length	1300mm	3100mm	3100mm	3100mm	3100mm	3100mm	3100mm
Width	1400mm	1900mm	1900mm	2300mm	2300mm	2500mm	2500mm
height	1360mm	1800mm	1920mm	2130mm	2230mm	2330mm	2530mm

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DRILLING MACHINE

BENCH DRILLS



D13



D16



D20



D25



D32



D35

Specification	D13	D14	D16	D20	D25	D32	D35
Max Drilling Diameter (mm)	Φ13mm	Φ14mm	Φ16mm	Φ20mm	Φ25mm	Φ32mm	Φ35mm
Motor Power (W)	250	350	450/550	550/750	750/900	1100	1500
Chuck Capacity (mm)	1.5-13	1.5-13	3-16	5-20	5-20	5-20	5-20
Spindle Travel (mm)	50	50	60	85	85	120	120
Class Of Speed	5	5	5	16	12	12	12
Speed 50Hz	620-2620R.P.M.	620-2620R.P.M.	620-2620R.P.M.	180-2770R.P.M.	280-2830R.P.M.	150-2450R.P.M.	150-2450R.P.M.
Speed 60Hz	740-3140R.P.M.	740-3140R.P.M.	740-3140R.P.M.	220-3320R.P.M.	340-2860R.P.M.	180-2940R.P.M.	180-2940R.P.M.
Spindle Taper	B16	B16	B16	MT2	MT3	MT4	MT4
Max. distance from spindle axis to surface of column (mm)	105	105	130	180	176	220	255
Max. distance from spindle end to surface of table (mm)	220	220	400	620	685	700	745
Max. distance from spindle end to surface of base (mm)	300	300	515	810	1175	1225	1205
Swing (mm)	210	210	260	360	352	440	510
Table Size (mm)	160X160	160X160	200X200	290X290	290X290	360X360	420X480
Base Size (mm)	300X195	300X195	340X210	460X270	460X270	470X360	575X425
Column Diameter (mm)	Φ46	Φ46	Φ58	Φ72	Φ80	Φ92	Φ92
Height (mm)	580	580	840	1200	1600	1710	1710
Net Weight/Gross Weight (Kg)	16/17	16/17	28/30	58/60	71/75	115/120	125/130
Packing Size (mm)	430X340X230	430X340X230	665X415X260	1010X490X275	1140X490X275	1415X650X305	1415X650X305

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DRILLING MACHINE

VERTICAL DRILLING MACHINE



D5030H



D5040HF





D5028S



D5040M (Machinery Power Feed)
D5040E (Electric Power Feed)



D5040MR with revolving Table
D5040ER with revolving Table

Specification	D5028S
Drilling capacity on steel	25mm
Drilling capacity on cast iron	30mm
Tapping on steel	M18
Tapping on cast iron	M20
Spindle taper	CM3
Spindle quill diameter	62mm
Column diameter	98mm
Spindle quill travel	100mm
Turntable dimension (mm)	Idem+/-90°
Vice-table dimension (mm)	Idem B=120
T slot width	12mm
Main motor power (kw)	0.75-0.6/0.9
Net weight	185kgs
Packing size (cm)	170x54x85

Specification	D5040M/E	D5030H	D5040H
Max. drilling capacity (mm)	40	31.5(MT3)/40(MT4)	31.5(MT3)/40(MT4)
Max.thread-cutting	M20&M24	M20&M24	M20&M24
Spindle to column	350mm	272.5mm	320mm
Max. distance spindle nose to worktable	MT4	715mm	680mm
Max. distance spindle nose to base	1210mm	1180mm	1140mm
Max. adjustment of work table and table rest	770mm		
Spindle bore taper	MT4	MT3/MT4	MT4
Spindle speed steps	2	6/12	6/12
Spindle speed range (rpm)	50-1450 rpm	75-1600 75-3200	75-1600 75-3200
Effective table	560x560	540x470	500x360
Base plate dimensions(mm)	730x500	650x450	470x670
A.C motor power (kw)	0.85/1.5kw	1.1kw	1.5kw
Net weight	465kg	320kg	400kg
Packing size (cm)	227x69x110	74x72x183	57x81x211

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DRILLING MACHINE

VERTICAL DRILLING MACHINE



D5025B



D5025A

Model	D5025B	D5025A
Max. Drilling capacity	25 mm	25 mm
Diameter of colum	100 mm	100 mm
Spindle trave	150 mm	150 mm
Distance spindle axis to colum generating line	225 mm	225 mm
Max. Distance spindle nose to table		630 mm
Max. Distance spindle nose to base	550 mm	1670 mm
Spindle taper	MT3	MT3
Spindle speeds range	100-2900 r/min	100-2900 r/min
Spindle speeds series	8	8
Dimensior of worktable surface		Φ440
Table travel	550mm	560mm
Dimension of base	690 X 500 mm	590 X 500 mm
Overall height	1390 mm	1900 mm
Main motor	1.1/0.75 kw	1.1/0.75 kw
Coolant motor	40 w	40 w
Gross weight/Net weight	300/250 kg	300/250 kg
Packing dimension	700x570x1060 mm	1760x600x830 mm

Model	D28T	D32T	D35T
Max.drilling dia.	28mm	32mm	35mm
Spindel travel	150mm	150mm	150mm
Tapping capacity in steel / cast iron	M12/M16	M12/M16	M14/M18
Morse taper	MT3	MT4	MT4
Motor power	0.9KW/1.2KW	1.3KW/1.5KW	1.5KW/1.8KW
Spindle speed at 50HZ	75-160-265-440-535-890-1490-3010rpm		
Spindle speed at 60HZ	90-190-320-525-640-1060-1790-3610	90-190-320-640-530-1060-1790-3610	
Feed speed	0.1-0.15-0.22-0.33 mm/rev		
Packing size	1740x670x850mm	1700x670x900mm	1700x670x900mm
N.W./G.W.	255/320kg	260/320kg	295/310kg



D28T



D35T

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DRILLING MACHINE

VERTICAL DRILLING MACHINE



D5030、D5035、D5040、D5050: Electromagnetic clutch, Worktable up and down by motor
D5040 and D5050 with Depth Digital Caliper.

- New-designed, pleasing appearance, compact construction, wide speed change range, easy to operate.
- Easy operation with its unique workable, and both motor-drive (D5035) and manual-operated lifting device.
- The working table can be rotated 180° and can be tilted ±45° also, it is reliable and easy job can be done.
- Equipped with coolant system and tapping mechanism.
- Equipped with shortcut and overload protection, electrical system with powerful spindle motor, designed according to IEC standard.
- Characteristic protection device is safe and reliable.
- Ideal choice for single piece, small batch and mass production for drilling, counter boring, reaming, tapping, spot facing, etc.

FEATURE AND APPLICATION

Model	D5030	D5035	D5040	D5050
Max. Drilling capacity (mm)	30	35	40	50
Max. Tapping capacity (mm)	M20	M24	M27	M30
Diameter of column (mm)	120	140	160	180
Spindle travel (mm)	135	160	180	240
Distance spindle axis to column generating line (mm)	320	330	360	360
Max. Distance spindle nose to table (mm)	550	590	590	570
Max. distance spindle nose to base (mm)	1100	1180	1180	1160
Spindle taper	MT3	MT4	MT4	MT4orMT5
Spindle speeds range (r/min)	65~2600	75~2500	42-2050	42~2050
Spindle speeds series	12	12	12	12
Spindle feeds (mm/r)	0.1 0.2 0.3	0.1 0.2 0.3	0.07 0.15 0.26 0.40	0.07 0.15 0.26 0.40
Dimension of worktable face (mm)	500x440	500x440	550X470	550X470
Table travel (mm)	490	550	550	550
Dimension of base table (mm)	400x390	400x390	450X440	450X440
Overall height (mm)	2050	2300	2330	2380
Main motor (kw)	0.85/1.1	1.5/2.2	2.2/2.8	2.2/2.8
Coolant motor (W)	40	40	40	40
G.W / N.W. (kg)	500/440	670/600	750/680	800/730
Packing dimension (cm)	108X62X215	108X62X230	108X62X245	108X62X245

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DRILLING MACHINE

VERTICAL DRILLING MACHINE



DL25



DL30A



DL35



DL40



DL50

Model	DL25	DL30B	DL32	DL32A	DL35	DL35A	DL35B	DL40A	DL40B	DL50A	DL50B
Max. drilling diameter.(steel) and tapping diameter	φ25/M16	φ30/M20	φ32/M22		φ35/M22			φ40/M24		φ50/M27	
Max. travel of spindle	110	135	155		155			190		200	
Max. distance from spindle to generating line of column	240	260	320		320			360 (9STEP)		380	
Max. distance between spindle end to the worktable surface.	650	685	630		585			615 (9STEP)		590	
Max. distance from spindle end to the surface of base worktable	1110	1165	1185		1140			1195		1175	
Max. travel of spindle box	210	180	285								
Max. travel of worktable and bracket	470	500	415		545			550		530	
Swivel angle of worktable		± 45°	±45°		±45°			±45°		±45°	
Spindle taper bore	3	3	4		4			4		4	
Spindle speed steps	6	12	12		12			9		9	
Spindle speed range	125~2825	125~3030	125-3030		125-3030			72-2150		70-2100	
Spindle feed steps		3		3		3		3		3	
Spindle feed range		0.1, 0.2, 0.3		0.1, 0.2, 0.3		0.1, 0.2, 0.3		0.12,0.24, 0.42		0.12, 0.23, 0.40	
Dimension of worktable		420x350	500x420		500x420			570x480		600x500	
Effective working area of worktable	350x400	335x340	370x360		370x360			410x395		445x435	
Power of motor	0.75	0.85/1.1	1/1.2		1/1.2			2		2.2	
Mode of spindle feed	Manual	Mechanical	Manual	Auto	Manual	Auto	Mechanical	Auto	Mechanical	Auto	Mechanical
Max machine dimension	700x410x 1560	750x500x 2080	850x500x2220		860x515x2170			945x570x2290		1000x600x2260	

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DRILLING MACHINE

VERTICAL DRILLING MACHINE



D5150B



D5150B-1



D5163B

Model	D5132	D5140B	D5140B-1	D5150B	D5150B-1	D5163B	D5180B
Max. drilling dia.	32mm	40mm		50mm		63mm	80mm
Spindle taper	MT3	MT4		MT5			MT6
Spindle travel		250mm					
Spindle box travel by manual		200mm				250mm	
Spindle speed steps		12				9	
Spindle speed range	50-2000 r.p.m	31.5-1400 r.p.m.				40-570 r.p.m.	
Spindle feed steps		9				6	6
Spindle feed range		0.056-1.80 mm/r				0.1-0.78 mm/r	
Table size (mm)		560x480	800x320	560x480	800x320	650x550	650x550
Longitudinal (cross) travel			450/300 mm		450/300 mm		
Vertical travel		300 mm					
Max. Distance between spindle and table	710 mm	750 mm				800(1250)mm	
Main motor power	2.2	3				5.5	
Overall size(mm)	980x807x2340	1090x905x2530	1300x1200x2530	1090x905x2530	1300x1200x2530	965x1452x2787	
Net weight	960	1270	1370	1270	1370	2500	

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DRILLING MACHINE

CNC/RADIAL DRILLING MACHINE

CNC DRILLING MACHINE





SIEMENS808D CNC system

Specification	D5140CNC	D5150CNC
Table size	1000x545mm	
Area of worktable	850x400mm	
Max. drilling dia	ϕ 40mm	ϕ 50mm
T-slot (width/No.)	18mmx3	
Spindle hole taper	MT4	MT5
Spindle speeds	31.5-1400r/min (12 speeds)	
Power of spindle motor	3kw	
Vertical travel of drilling head(manual)	360mm	
Travel (X/Y/Z)	850/400/240mm	
Distance from spindle nose to worktable	100-700mm	65-665mm
Distance from spindle center line to column	335mm	
Rapid travel rate X/Y/Z	10/10/3.5 m/min	
CNC system	KND system	
Max torque of spindle	350N.m	
Max feed resistance	10000N	12000N
Positioning accuracy	± 0.025	
Repeatability accuracy	± 0.015	

RADIAL DRILLING MACHINE



Specification	RD32x10/1	RD40x13/2
Max. drilling diameter	32mm	40mm
Distance between spindle axis and column	300-1000mm	300-1300mm
Distance spindle nose and working surface of base	250-1000mm	300-1120mm
Spindle travel	280mm	
Spindle taper	MT4	
Range of spindle speeds	32-2500rpm	
Number of spindle speeds	16 steps	
Range of spindle speeds	0.1-1.25mm/r	
Number of spindle speeds	8	
Table size	550x400x400mm	600x450x450mm
Distance of headstock horizontal movement	700mm	1000mm
Spindle motor power	2.2kw	3kw
Machine weight	1600kg	2500kg
Overall dimension	1760x800x2300mm	2100x900x2490mm

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DRILLING MACHINE

RADIAL DRILLING MACHINE(Mechanical Clamping)



RD3032X7



RD32X8
RD40X8



RD32X10
RD40X10
RD40X13



RD40Mx12
RD40Mx14

Specification	RD3032x7	RD32x8 RD40x8	RD32x10 RD40x10	RD40x13	RD40Mx10	RD40Mx14
Max diameter to be drilled casting / steel iron	32/40mm	32/40mm	32/40mm	40mm	40mm(casting)	40mm(casting)
Distance spindle axis to column generating line	300-700mm	320-820mm	300-1000mm	300-1300mm	300-1200mm	300-1400mm
Diameter of column	150mm	200mm	240mm	300mm	240mm	240mm
Taper hole in spindle (Morse)	MT3	MT4	MT4	MT4	MT4	MT4
Max. travel of spindle	150mm	240MM	280MM	280mm	210mm	210mm
Spindle speeds range	100-1600r/min	75-1220r/min	32-2500r/min	32-2500r/min	80-1200r/min	80-1200r/min
Spindle speeds series	8	6	16	16	6	6
Range of spindle feeds	0.8,0.14,0.23 min/r	0.1-0.25 min/r	0.1-1.25 min/r	0.1-1.25min/r	0.10-0.3mm/r	0.10-0.3mm/r
Distance from the spindle nose to working surface of base	275-680mm	320-900mm	220-1000mm	300-1320mm	300-1250mm	300-1250mm
Worktable size (cm)	25x25x25	40x40x35	60x45x45	60x45x45	55x35x35	55x35x35
Power of main motor	0.75/1.1kw	1.5kw	2.2kw	3kw	1.5kw	1.5kw
Gross weight	475kg	1425kg	2100kg	2800kg	1500kg	1700kg
Overall Dimension (cm)	124x55x120	141x72x189	176x80x205	236x117x260	180x80x220	200x80x220

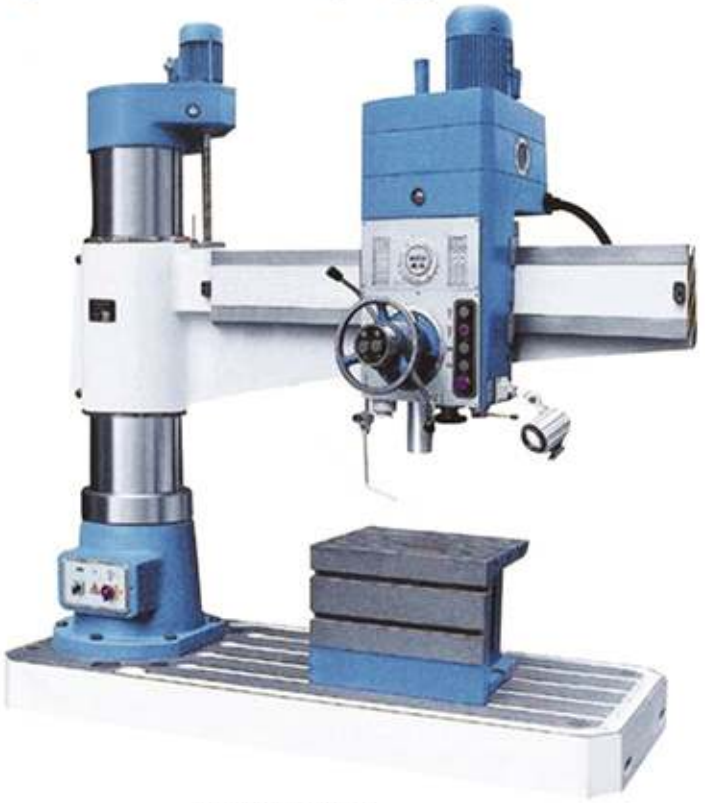
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DRILLING MACHINE

RADIAL DRILLING MACHINE(Hydraulic Champing)



RD40x12/14



RD50x16/20

Specification	RD40x12	RD40x14	RD50x16	RD50x20	RD63x16	RD63x20	RD80x20	RD80x25	RD100x25	RD100x31
Max Drilling capacity (mm)	40	40	50	50	63	63	80	80	100	100
Distance spindle axis to column generating line (mm)	300-1200	300-1400	350-1600	350-2000	380-1600	380-2000	500-2000	500-2500	570-2500	570-3150
Diameter of column (mm)	240	240	350	350	400	400	550	550	700	700
Taper hole in spindle(Morse)	MT4	MT4	MT5	MT5	MT5	MT5	MT6	MT6	MT6	MT6
Spindle travel (mm)	210	210	315	315	410	410	450	450	500	500
Spindle speeds range (r/min)	80-1870	80-1870	25-2000	25-2000	25-1350	25-1350	16-1250	16-1250	10-900	8-1000
Spindle speeds series	3	3	16	16	16	16	16	16	22	22
Range of spindle feeds	0.10-0.30 mm/min	0.10-0.30 mm/min	0.04-3.2 mm/r	0.04-3.2 mm/r	0.04-3.2 mm/min	0.04-3.2 mm/min	0.04-3.2 mm/min	0.04-3.2 mm/min	0.06-3.2 mm/r	0.06-3.2 mm/r
Max. distance spindle nose to working surface of base (mm)	300-1250	300-1250	350-1250	350-1570	280-1300	280-1500	550-2000	550-2000	750-2500	750-2500
Dimension of worktable (cm)	55x35x35	55x35x35	66x50x50	66x50x50	66x63x50	66x63x50	100x80x56	100x80x56	125x80x63	125x80x63
Horizontal traverse of headstock (mm)	900	1100	1250	1650	1220	1620	1500	2000	1930	2580
Power of main motor (kw)	2.4/3	2.4/3	4	4	5.5	5.5	7.5	7.5	13	15
Lifting speed of Arm (m/min)	1.26	1.26	1.20	1.20	1.20	1.20	1.00	1.00	0.61	0.61
Arm travel (mm)	650	650	580	580	580	580	1000	1000	1250	1250
Gross Weight (kg)	1500	1700	3500	4200	4200	4600	10500	11000	19000	20000
Over Dimension (cm)	170x80x 220	190x80x 220	250x107x 262	292x125x 294	252x125x 294	292x125x 294	323x140x 380	373x140x 380	405x163x 453	478x163x 472

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DRILLING MACHINE

RADIAL DRILLING MACHINE(VARIABLE SPEED)

Model	RD3060x16
Max.drilling diameter on Medium-carbon steel / cast iron	62mm / 72mm
Max.tapping diameter on Medium-carbon steel / cast iron	M46 / M52
Max.travel of the spindle	315mm
Spindle taper bore	MT.5
Spindle speed step	Stepless
Spindle speed range	38-275;275-2000r/min
Spindle feed steps	8
Spindle feed range	0.06-1.00 mm/r
Rotation angle of rocker arm	± 180 degree
Power of main motor	4 kw
Power of motor for rocker arm up and down movement	1.5 kw
Power of oil pump motor for spindle box,column and rodker arm clamping	0.75 kw
Weight of machine	3800 kg
Machine dimension	2490x1000x2598mm



RD3060X16

CABINET TYPE RADIAL DRILLING MACHINE

Model	RD3840	RD3850
Max.drilling diameter	40mm	50mm
Max.tapping diameter	M30	M36
Max. milling cutter diameter	80mm	80mm
Max. travel of spindle	200mm	240mm
Distance between column center line to the T solt in the middle of workable	640mm	630mm
Max. distance between spindle end to the workable surface	760mm	800mm
Max. travel of ram	590mm	665mm
Max. travel for the spindle box in up and down position	400mm	400mm
Turning angle of spindle box to the ram	± 90°	300°
Spindle taper bore	MT.4	BT40
Spindle speed ranges	50-2000r/min	48-2000r/min
Spindle feed steps	6	6
Spindle feed range	0.08-0.50mm/r	0. 08-0. 50mm/r
Dimension of worktable(LxW)	1200x505 mm	1350x600 mm
Diameter of column	220mm	240mm
Power of motor	2.2kw	3. 7kw
Machine dimension (mm)	1910x1200x2400	2545x1350x2850
Net weight	2800kg	3100kg



RD3840

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DRILLING MACHINE

DRILLING & MILLING MACHINE



DM16A



DM16



DM20



DM20E



DM20V



DM30V

Specification	DM16A	DM16	DM20	DM20E	DM20V	DM30V
Drilling Capacity (mm)	16	20	20	20	20	32
Max. Drilling Capacity (face end) (mm)		20	63/12	63/12		
End Milling Capacity (mm)	20	63	12	12	16	20
Face Milling Capacity (mm)	53		63	63	63	76
Table Size (mm)	630x150	586x160	600x500 320x260	480x400 240x200	500x180	70x210
Spindle travel (mm)	80	40	90	90		
T-slot (mm)			14	14	12	12
Spindle taper	MT3	MT2	MT3	MT3	MT2	MT3
Spindle to table (mm)	310		240-660	240-610		
Spindle speed (rpm)	400–1600	110–1660	210,380,710, 1200,2000	380.520.800. 1200.2000	50-2250	50-3000
Diameter of Column (mm)	70		Φ158	Φ115		
Longitudinal travel (mm)	350	350			280	425
Vertical Travel (mm)		140	240-660	240-610	380	370
Radial Rise (mm)			370	350		
Motor power (kw)	0.37	0.375	0.75	0.75	0.6	1.1
Cross Travel (mm)	145		160-500	175-435	175	220
Headstock Tilt	± 90°				± 90°	± 90°
N.W/G.W (kg)	110/125	125/155	354/400	225/250	103/118	220/260
Packing size (mm)		780x600x910	1130x560x1225	760x474x1120	670x550x860	710x890x1120

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DRILLING MACHINE

DRILLING & MILLING MACHINE



DM5015



DM25B/DM30B



DM40



DM45



DM7045

Specification	DM5015	DM25B	DM30B	DM40	DM45	DM7045
Max drilling capacity Steel/Iron (mm)		25/20	30/25	31.5/40	31.5/45	31.5/45
Max milling capacity Face/end) (mm)		63/20	76/20	80/32	80/32	80/32
Worktable size (mm)	152x660	520x160	800x240	730x210	800x240	800x240
Worktable longitudinal travel (mm)	360	290	500	500	565	565
Worktable cross travel (mm)	150	140	230	230	230(190)	230(190)
Spindle taper	MT30 or R8	MT2 or R8	MT3 or R8	MT3,MT4 or R8	MT3,MT4 or R8	MT3,MT4 or R8
Spindle stroke (mm)	70	120	120	120	120	120
Spindle speed (rpm)	50Hz:190-2100 60Hz:230-2520	100-2080	100-2080	50Hz:75-1600 60Hz:90-1970	50Hz:75-1600 60Hz:90-1970	50Hz:75-1600 60Hz:150-3200
Max distance spindle to table(mm)	0-320	430	440	470	470	470
Head tilt left right	90°			90°	90°	90°
Motor power (kw)	1.1	1.1	1.5	1.1	1.1	0.85/1.1
N.W/G.W (kg)	262/354	270/320	300/350	270/300	300/350	590/680
Packing size (mm)	940x760x1260	730x670x1020	1075x910x1315	820x760x1150	850x760x1150	1240x960x2240

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DRILLING MACHINE

DRILLING & MILLING MACHINE



DM7032G



DM7045FG



DM40HS



DM54V

Variable Frequency Drilling and Milling Machine



DM5150

Specification		DM7032G	DM7045FG	DM40HS	DM45V	DM5150
Drilling capacity		32mm	45mm	31.5mm	45mm	50mm
Max. Milling capacity		76/20mm	80/32mm	32mm	80/32mm	32/125mm
Max distance from spindle nose to table		450/600mm	450mm	610mm	460mm	50-580mm
Spindle travel		130mm	130mm		120mm	180mm
Spindle taper		MT3 or R8	MT4	MT3	MT4/ISO30	
Range of spindle speed	50Hz	80-1250rpm	80-1250rpm	75-1600rpm	75-438rpm,48-2500rpm	94-2256rpm
	60Hz	95-1500rpm	95-1500rpm	90-1970rpm		
Size of working table		800*240mm	800*240mm	600*190mm	800*240mm	1200*360mm
Motor power		0.75kw	1.5kw	1.1kw	1.5kw	1.5/2.4kw
Net/gross weight		291/336kg	310/350kg		395kgs	2000/2150kg
Packing size		930*832*1160mm	765*900*1160mm	820*720*1830mm	1240*930*2100mm	1730*1730*2300mm

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DRILLING MACHINE

DRILLING & MILLING MACHINE



DM7550C



DM6350A



Main spindle protection (Optional)



DM50C



New Panel is Optional

DM6350G



DM6350Z

Specification		DM50C	DM7550CW	DM 7550C	DM 6350A	DM6350G	DM6350Z/DM6350ZA
Max. drilling dia.		30mm	30mm	30mm	30mm	30mm	30mm
Max. horizontal milling width		100mm	100mm	100mm	100mm	100mm	125mm
Max. vertical milling dia.		25mm	25mm	25mm	25mm	25mm	25mm
Max. tapping dia.		M16	M16	M16	M16	M16	M16
Distance spindle to table surface		50-410mm	60-390mm	70-420mm	100-400mm	100-400mm	100-400mm
Spindle speed range	Vertical	115-1750rpm	115-1750rpm	115-1750rpm	115-1750rpm	90-2000rpm	90-2000rpm
	Cross		60-1350rpm		38-1310rpm	38-1310rpm	38-1310rpm
Spindle travel		120mm	120mm	120mm	120mm	120mm	120mm
Table size		800x240mm	800x240mm	800x240mm	1120x260mm	1120x260mm	1120x260mm
Table travel		400x215mm	400x230mm	400x230mm	600x300mm	600x270mm	600x270mm
Motor		0.85/1.5kw	0.85/1.5/2.2kw	0.85/1.5kw	0.85/1.5V/2.2kw	0.85/1.5V/2.2kw	2.2kw
Overall dimensions (mm)		1270x950x1800mm	1290x1220x2100	1110x1100x2080	1655x1450x2150	1580x1330x2250	1520x1285x2150
N.W / G.W (kg)		500kg	970/1120	610/770	1500/1600	1350/1500	1350 /1500

DM6350A: Table feed in X、Y direction through gear drive, Hardened and ground table surface.
DM6350Z: Automatic spindle feed.

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DRILLING MACHINE

DRILLING & MILLING MACHINE



DM6332A



DM6332B



DM6332C



DM6332Z



DM6336

Specifications	DM6332A	DM6332B	DM6332C	DM6332Z	DM6336
Spindle taper	ISO40	ISO40	ISO40	ISO40	ISO40(Vertical)ISO50 (Horizontal)
Spindle travel	120mm	150mm	150mm	120mm	140mm
Distance from spindle to table	110-410mm	155-455mm(V)	155-450mm(V)	180-580mm	135-485mm
Distance from spindle to column	200-500mm	200-550mm(V)	150-550mm	200-780mm	200-600mm
Distance from horizontal to table	0-300mm	0-300mm(H)	0-300mm(H)	180-580mm	0-350mm
Distance from horizontal to supporting	190mm	190mm(H)	190mm		230mm
Vertical spindle speed	95-1770rpm	20step76-6980rpm	20step 76-6980rpm	90-2000 rpm	75-3500rpm
Horizontal spindle speeds	60-1350rpm	12step60-1350rpm	12step60-1350rpm	90-2000 rpm	60-1800rpm
Table size	1250x320mm	1250x320mm	1250x320mm	1320x320mm	1250x360mm
Table travel	600x300x300mm	600x300x300mm	800x300x350mm	800x300mm(manual)	1000x320x350mm
Main motor power	2.2kw	3.7kw(V)2kw(H)	3.7kw(V)2kw(H)	2.2 (V/H)	5.5kw(Vertical) 4kw (Horizontal)
Overall dimension	1700x1520x2200mm	1750x1520x2260mm	1820X1520X2270mm	1710x1720x2330	2220x1790x2360mm
N.W / G.W	1550x1650kg	1750/1950kg	1850/2050kg	1800/1900kg	2500/2700kg

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DRILLING MACHINE

DRILLING & MILLING MACHINE BY SERVO MOTOR

※ Servo Motor
※ Ball Screw
※ 3 Axis Digital Readout
※ Electric Handle Wheel
※ Pneumatic Draw Bar
※ 45° Swivel Milling Head (Optional)









Specification	DM6332A Servo	DM6336A Servo
Table size	1370x320	1600x360mm
Table travel (X/Y/Z)	1000/380/400mm	1300/320/450mm
Table feed (X/Y/Z)	30-830/30-830/23-625mm/min	30-750/20-500/15-375mm/min
Table rapid speed(X/Y/Z)	1335/1335/1000mm/min	1200/800/600mm/min
Spindle taper (H)	ISO40	7:24 ISO50
Spindle taper (V)	3HP: R8/ISO30, 5HP	7:24 ISO40
Distance between spindle nose and table surface	160-560mm	200-650mm
Distance between horizontal spindle center line and table	75-475mm	20-470mm
Distance between spindle axis and arm surface	200mm	245mm
Spindle speed range (H)	12 steps 35-1500rpm	12 steps 60-1800rpm
Spindle speed range (V)	43-3225 or 16 steps(65-4660rpm)	16 steps 65-4660rpm
T-slots (No./width/pitch)	3/14/80	3/18/80
Arm travel	450mm	550mm
Main motor power	3kw(H),3HPor 5HP(V)	5.5kw(H), 3.7 kw or 5.5 kw(V)
Torque of X/Y/Z axis AC servo motor	10N.m	10N.m
Overall Size	1820x1680x2350mm	2520x2100x2500mm
Net weight	1800kgs	2850kg

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DRILLING MACHINE

MULTI-PURPOSE MACHINE

Specifications	MTM250V	MTM280V
Distance between centers	550/750mm	700mm
Swing over bed	250mm	280mm
Swing over cross slide	145mm	165mm
Width of bed	135mm	180mm
Taper of spindle bore	MT4	MT4
Spindle Bore	26mm	26mm
Number of spindle speeds	Variable	Variable
Range of spindle speeds	50-2000rpm	50-2000rpm
Range of longitudinal feeds	0.07-0.20mm/r	0.07-0.20mm/r
Range of inch threads	8-56T.P.I	8-56T.P.I
Range of metric threads	0.4-3.5mm	0.4-3.5mm
Tap slide travel	50mm	50mm
Cross slide travel	115mm	140mm
Tailstock quill travel	50mm	70mm
Taper of tailstock quill	MT2	MT2
Motor	750W	1.1KW
Mill & Drill		
Taper of spindle bore	MT2	MT2
Spindle stroke	50mm	50mm
Spindle Speed	50-2250rpm	50-2250rpm
Max. distance spindle to table	280mm	375mm
Max. distance spindle to column	170mm	185mm
Motor	500W	600W
Packing size	1270/1520x670x930mm	1400x780x1070mm
Net Weight	180kgs/195kgs	230kgs/250kgs



MTM250V/MTM280V



MTM250V/MTM280V

Specifications	MTM400/3A	MTM400/3B	MTM500	MTM800
Distance between centers	400mm	400mm	500mm	800mm
Swing over bed	420mm	420mm	420mm	420mm
Max longitudinal travel	410mm	410mm	460mm	760mm
Max cross travle	80mm	80mm	200mm	200mm
Spindle taper	M.T.3	M.T.3	M.T.4	M.T.4
Taper of tailstock barrel	M.T.3	M.T.3	M.T.3	M.T.3
Spindle hole diameter	20mm	20mm	28mm	28mm
Spindle speed	7steps 160-1360rpm	7steps 160-1360rpm	7steps 160-1360rpm	7steps 160-1360rpm
Metric thread can be cut	0.2-3mm	0.2-3mm	0.2-6mm	0.2-6mm
Spindle taper	M.T.3	M.T.3	M.T.3	M.T.3
Spindle travel	80mm	80mm	110mm	110mm
Spindle speed	14steps 117-1300rpm	14steps 117-1300rpm	16steps 120-3000rpm	16steps 120-3000rpm
Drilling capacity	15mm	15mm	22mm	22mm
End milling capacity	20mm	20mm	28mm	28mm
Motor power	0.55kw	0.55kw	0.55kw	0.55kw
Packing size	102x58x105cm		127x48x96cm	143x58x110cm



MTM400/3A



MTM800

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MILLING MACHINE

UNIVERSAL VERTICAL TURRET MILLING MACHINE



M6323A



M6325



M6325C



M6325D



MU6325



M6330A

Specifications	M6323A	M6323B	M6325	M6325A	M6325B	MU6325	M6325C	M6325D	M6330	M6330A	M6333	M6333A
Table Size (mm)	230x1067 230x1246		254x1270 254x1370			250x1270	254x1270 254x1370		305x1370 305x1500		330x1370 330x1500	
Long Travel (mm)	650 / 840		850/950			770	850/950		870/1000		840/1000	
Cross Travel	305		420	400		420			380		368	
Vertical Travel	400		420			400	420		430		450	
T-slot No. and Size	3x16											
Ram Travel (mm)	312		470						500			
Distance from	0-415		0-405						0-350		0-450	
Spindle Hole Taper	Standard: R8 Optional : ISO30/ISO40						Standard: ISO40					
Spindle Travel	127 mm											
Spindle Speed	Standard: step 16 speed 50HZ: 65-4500 60HZ: 80-5440											
	Optional: Variable speed 65-4500					Optional: Variable speed: 65-3750						
Auto. Quill Feed	Three steps: 0.04 (0.0015")/0.08 (0.003") / 0.15(0.006") mm/Revolution								Three steps: 0.04 (0.0015")/0.08 (0.003") / 0.15(0.006") mm/Revolution			
Spindle Motor	2.25kw / 3HP						3.75kw / 5HP		3.75kw / 5HP			
Head Swivel	90°											
Head Tilting	45°						Fix		45°	Fix	45°	Fix
Dimension of Package One	1400x1476x2030		1516x1550x2080						1566x1650x2080		1800x2016x2180	
Dimension of Package Two	1450x1570x2080		1650x1790x2170						1720x1800x2175		1800x2200x2180	
Dimension of Package Three	1450x2180x2080		1650x2285x2235									
Gross Weight (kg)	1100	1160	1550	1380	1420	1650	1590	1590	1700	1750	2300	2350

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MILLING MACHINE

UNIVERSAL VERTICAL TURRET MILLING MACHINE

FEATURE AND APPLICATION

Model	Feature Application
M6323A	Double55° dovetail guide way is adopted on both Y-and Z-axis, so it is easy to adjust and easy to repair. Adopted strengthen rib on both sides of the column that makes the machine rigidly and beautiful.
M6323B	55° dovetail guide way is adopted on axis, and rectangular guide way on Y-axis Adopted strengthen rib on both sides of the column, that makes the machine rigidly and beautiful.
M6325A	Double55° dovetail guide way is adopted on both Y-and Z-axis. So it is easy to adjust. The guide way on saddle is lined with TF wear-able material.
M6325B	Rectangular guide way on Y-axis and 55° dovetail guide way on Z-axis makes the machine stably and easy to adjust. The guide way on saddle is lined with TF wearable material.
M6325	Rectangular guide way on Y-and Z-axis is featured a good rigidity and stability. The guide way on saddle is lined with TF wearable material.
M6325C	Fixed structure is used to connect the mill head without adapter. Which makes the cut intensity well. Rectangular guide way on Y-and Z-axis makes the machine stably and rigidly. The guide way on saddle is lined with TF wearable material.
M6325D	Rectangular guide way is adopted both on Y-and Z-axis. The guide way on saddle is lined with TF wearable material. Which makes the machine stably and rigidly, also makes it beautiful and easy to operate.
MU6325	Rectangular guide way on Y-and Z-axis is featured a good rigidity. Gear box power feed structure is adopted on X and Y axis. Feed Motor; 250w; Feed Rate: 15,23,33,48,78,114,166,257
M6330	Rectangular guide way is adopted both on Y-and Z-axis. The guide way on saddle is lined with TF wearable material. Which makes the machine stably and rigidly, also makes it beautiful and easy to operate.
M6330A	Fixed structure is used to connect the mill head without adapter. Which makes the cut intensity well. Rectangular guide way on Y-and Z-axis makes the machine stably and rigidly. The guide way on saddle is lined with TF wearable material.
M6333	Supper saddle structure. Which makes the cut intensity well. Rectangular guide way on Y-and Z-axis makes the machine stably and rigidly. The guide way on saddle is lined with TF wearable material.

Standard Accessories:

- Draw Bar
- Working Lamp
- Tools & Toolbox
- Electrical Box
- Handle Oil Pump

Optional accessories:



Digital readout



Machine Vise



Plastic splash guard



Milling Chuck



universal Clamping Apparatus



Power feed



Cooling System



Gear Box Power feed

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MILLING MACHINE

UNIVERSAL SWIVEL HEAD MILLING MACHINE



M6226B
X、Y Axis Auto Feeding
Z Axis up and Down by Motor



M6230(A) Servo
Table in 3 Axis Are Controlled
by one Servo Motor

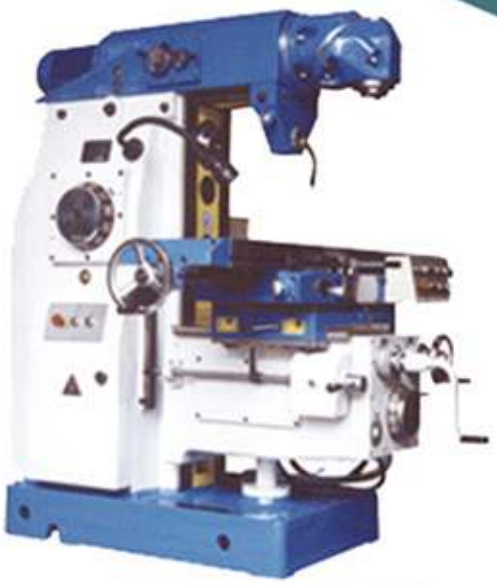
Specification	M6226B	M6230 Servo	M6230A Servo
Table size	1120x260mm	1270x300mm	1370x300mm
Table travel	600x270mm	720/300/400mm	820/300/400mm
Spindle taper	ISO40	7:24 ISO40	7:24 ISO40
Distance from spindle nose to table surface	100-480mm	100-500mm	100-500mm
Max. end milling width	125mm	125mm	125mm
Max. vertical milling width	25mm	25mm	25mm
Spindle speed range	45-1660rpm	11 steps 45-1660rpm	11 steps 45-1660rpm
Swivel angle of swivel head	360°	360°	360°
Overall dimension	1655x1500x1730mm	1730x1760x1700mm	1830x1760x1700mm
Spindle motor power	2.2kw	2.2kw or 3kw	2.2kw or 3kw
Machine weight	1480kg	1350kg	1400kg

MILLING MACHINE

UNIVERSAL SWIVEL HEAD MILLING MACHINE



M6232C



M6230A M6230A/L



M6432A,M6432A/1

Specification		M6230A M6230A/L	M6232C	M6232C×16	M6432A M6432A/1	M6436A M6436A/1	M6440A M6440A/1
Working surface		300x1150mm 300x1500mm	320x1320mm	320x1600mm	320x1400mm 320x1700mm	360x900mm 360x1700mm	400x400mm 400x1700mm
T-slots(no.-width x pitch)		3-18mm	3-18x70mm	3-18x70mm	3-18x80mm		
Table travel (manual)X/Y/Z		230/400/680(780)	700/255/320mm	800/255/320mm	900/335/475mm 1100/335/475mm		900/400/475mm 1100/400/475mm
Table travel (Power)X/Y/Z		680/235/400mm 780/235/400mm	680/240/300mm	780/240/300mm	900/335/475mm 1100/335/475mm		900/400/475mm 1100/400/475mm
spindle speed range	Horizontal	35-1600rpm	30-1500rpm	30-1500rpm	30-1525r/min(18stage)		
	Vertical head	67-1600rpm	125-2000rpm	125-2000rpm	40-1800r/min(12stage)		
Range of table feeds	Longitudinal	12-720mm/min	23.5-1180mm/min	23.5-1180mm/min	22-1028mm/min		
	Cross	12-720mm/min	23.5-1180mm/min	23.5-1180mm/min	22-1028mm/min		
	vertical	4-240mm/min	8-394mm/min	8-394mm/min	9-472mm/min		
Distance from center line of horizontal spindle to table surface			30-350mm		10-485mm		
Distance from vertical spindle nose to table surface			250-570mm	250-570mm	220-695mm		
Spindle motor	Horizontal	4kw	5.5kw		7.5kw		
	Vertical head	2.2kw	3kw	3kw			
Feed motor power		0.75kw	1.5kw	1.5kw	1.5kw		
Overall dimensions(LxWxH)		1695x1535x1728	2294x1770x1858	2294x2045x1858	2360x1950x2100		

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MILLING MACHINE

UNIVERSAL MILLING MACHINE



M6432



M6436B,M6436B/1



M6432C Servo



M6436CL Servo

Specification	M6432	M6436B	M6436B/1	M6432C Servo	M6436CL Servo
Table size	1320x320mm	1320x360mm	1650x360mm	1370x320mm	1600x360mm
Table travel	1000x300mm(manual)	1000/300/400mm	1300/300/400mm	1000/380/400mm	1300/320/450mm
Number/Width/Distance of T-slot	5-14-63	3-14-95	3-14-95	3-14-80	3-18-80
Spindle taper	ISO40	7:24 ISO50	7:24 ISO50	7:24 ISO40	7:24 ISO50
Distance between spindle axis and table surface	220-660mm	0-400mm	0-400mm	75-475mm	20-470mm
Distance between spindle axis and ram surface	100-600mm	175-590mm	175-590mm	180mm	200mm
Spindle speed range (steps)	45-1660rpm (V) 40-1300rpm (H)	60-1750rpm (V) 58-1800rpm (H)	60-1750rpm (V) 58-1800rpm (H)	11 steps 45-1660rpm(V) 12 steps 35-1500rpm(H)	12 steps 60-1750rpm(V) 12 steps 60-1800rpm(H)
Table power feed speed range	20-360mm/min (X/Y 8setps) 422mm/min (Z)	25-800mm/min (X/Y) 8-267mm/min (Z)	25-800mm/min (X/Y) 8-267mm/min (Z)	30-830mm/min (X/Y) 23-625mm/min (Z)	30-750mm/min(X) 20-500mm/min(Y) 15-370mm/min(Z)
Table swivel degree	25	±35°	±35°	-	-
Spindle motor power	3kw(V/H)	4kw(V/H)	4kw(V/H)	2.2kw or 3kw(V) 3kw(H)	5.5kw(V) 4kw(H)
Overall dimension	2020x1710x1994mm	1070x2025x2020mm	2550x2025x2020mm	1820x1680x1860mm	2530x2100x2000mm
Machine weight	2100kg	2480kg	2580kg	1950kg	2800kg

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MILLING MACHINE

RAM TYPE MILLING MACHINE



M5746



M5746 Servo
3 Axis Ball screw
3 Servo Motor



M5750 Servo
3 Axis Ball screw
3 Servo Motor

Specification	M5746	M5746 Servo	M5750 Servo	M5750A Servo
Table size	1635x460mm	1235x460mm	1600x500mm	2000x500mm
Table travel	1300/470mm	900/650/450mm	1200/700/500mm	1400/700/500mm
Number/Width/Distance of T-slot	5-18-80	5-18-80	5-18-80	5-18-80
Spindle taper	ISO50	ISO40	ISO50	ISO50
Distance between spindle nose and table surface	40-510mm	58-508mm	50-550mm	50-550mm
Distance between spindle axis and column surface	68-718mm	20-670mm	28-728mm	28-728mm
Spindle speed range (steps)	30-2050rpm 27 steps	30-2050rpm 27 steps	30-2050rpm 27 steps	30-2050rpm 27 steps
Table power feed speed range	10-1000mm/min (X/Y) 6-640mm/min (Z)	10-1000mm/min (X/Y) 6-640mm/min (Z)	10-1000mm/min (X/Y) 5-500mm/min (Z)	10-1000mm/min (X/Y) 5-500mm/min (Z)
Table rapid speed	2200/2200/1460mm/min	2200/2200/1100mm/min	2200/2200/1100mm/min	2200/2200/1100mm/min
Main motor power	7.5kw	5.5kw	7.5kw	7.5kw
Feed motor power	4.4kw, 28.4N/m	AC servo motor X/Y:15NM, Z:18NM	AC servo motor X/Y:15NM, Z:18NM	AC servo motor X/Y:15NM, Z:18NM
Overall dimension	2100x2621x1965mm	2570x2035x1990mm	2625x2460x2080mm	2625x2860x2080mm
Machine weight	3500kg	4000kg	5000kg	5500kg

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MILLING MACHINE

UNIVERSAL TOOL MILLING MACHINE





Easy shift between vertical & horizontal milling



Ground table & E-hand wheels



Automatic lubricator



Quality electrics

	TM8132	TM8140	TM8145
Horizontal table size (L x W)	750 x 320 mm	800 x 415 mm	850 x 450 mm
T-slots (pc*size*center distance)	5*14*63 mm	6*14*63 mm	7*14*63 mm
Vertical table size (L x W)	890 x 225 mm	890 x 225 mm	
T-slots (pc*size*center distance)	3*14*63 mm	3*14*63 mm	3*14*63 mm
Max. table load	160 kg	200 kg	300 kg
X/Y/Z axes travel	405/305/400 mm	405/400/400 mm	600/450/450 mm
Spindle taper (H. & V.)	NT 40	NT 40	NT 40
Spindle speeds (H. & V., variable)	40 - 2000 rpm	40 - 2000 rpm	40 - 2000 rpm
Stroke of vertical pindle quill	60 mm	60 mm	60 mm
Feed rate (X/Y/Z axes)	10 - 1000 mm/min	10 - 1000 mm/min	10 - 1000 mm/min
Rapid traverse (X/Y/Z axes)	1200 mm/min	1200 mm/min	1200 mm/min
Main motor power	3.7 kW	3.7 kW	5.5 kW
Feed motor torque (X/Y/Z axes)	7.7/7.7/10 Nm	7.7/7.7/10 Nm	10/10/15 Nm
Machine weight	1450 kg	1550 kg	1750 kg
Machine dimensions (L x W x H)	1500 x 1700 x 1800 mm	1500 x 1700 x 1800 mm	1600 x 1800 x 2000 mm

Note: Machines and specifications are subject to change without prior notice

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MILLING MACHINE

BED TYPE MILLING MACHINE



BM7125
BM7130



BM7132



BM7140



BM7150

Specification			BM7125	BM7125/1	Bm7130	BM7130/1	BM7132	BM7140	BM7150
Table size (mm)			254x1270	254x1370	305x1370	305x1500	320x1525	1400x400	2100x500
Table longitudinal travel (mm)			760	860	880	1000	1050	800	1500
Table cross travel (mm)			535	535	510	510	470	400	670
Milling head vertical travel (mm)			405	405	405	405			670
Distance from spindle to table (mm)			150-600	150-600	150-600	150-600	75-595	150-650	
Distance between spindle axis and column tuideway (mm)							450	520	610
Milling head	Motor power		3HP	3HP	5HP	5HP	5HP	7.5kw	7.5kw
	Spindle taper		R8	R8	ISO40	ISO40	ISO40	ISO50	
	Quill travel (mm)		127	127	127	127		105	
	Spindle speed	Standard: 16 steps	50HZ: 65-4500		60HZ: 80-5440		70-3620	18-1800	35-1345rpm
		Optional: Variable	65-4200		60-3750				
	Quill power feed		0.04 / 0.08 / 0.15mm / rev.						20-1800mm/min
Package Size (mm)	One machine /1 package		180x150x240 cm		185x150x240 cm		2565x1920x2290	2290x2040x2120	3300x2380x2750
	wo machine / 1 package		220x150x240 cm		225x150x240 cm				
G.W. (kg)	One machine		1900	1900	2000	2050	2520	3660/3860	7300
	Two machines		3900	3900	4000	4100			

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MILLING MACHINE

UNIVERSAL BED TYPE MILLING MACHINE



BBM-706

UNIVERSAL BORING AND MILLING MACHINE



BM-716

Specifications	BBM-706	BM-716
Table size	2400x650mm	2500x600mm
Table travel (X,Y,Z)	1630x600mm	1500x650x700mm
Vertical travel of horizontal spindle	800mm	
Vertical travel of vertical spindle	800mm	
Min. distance from hor.spindle axis to table	20mm	30mm
Min. distance from vertical spindle nose to worktable surface		49mm
Distance from vertical spindle axis to column guideway		110mm
Number/Width/Distance of T-slot	5/22/100mm	3/22/152mm
Spindle taper	(V)ISO50, (H)ISO50	ISO50
Spindle quill travel	(V)190mm, (H)190MM	
Spindle speed range	(V)23-100rpm, (H)23-1000rpm	50-1624 rpm
Spindle speed steps	(V)12, (H)12	
Longitudinal, cross, vertical feed speed range stepless	20-2200 mm/min	
Longitudinal, cross, vertical rapid feed speed range	3000mm/min	20-2200mm/min
Quill auto-feed speed steps	(V)6, (H)6	
Quill auto-feed speed range	(V)0.05-0.4mm/r, (H)0.05-0.4mm/r	
Spindle motor power	(V)11kw, (H)11kw	11kw
Feed motor power	4.4kw	
Max. Load of worktable	3000kg	3000kg
Overall dimension (LxWxH)	3000x4000x3800mm	3200x3200x2720mm
Machine weight	17000kg	12000kg

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MILLING MACHINE

BED TYPE MILLING MACHINE



BM7150L



BM7150LW

Specifications	BM7150L	BM7150LW
Table size (mm)	2000X400	2000X400
Table travel (X,Y) (mm)	1500X500	1500X550
Vertical travel of headstock (mm)	100-650	0-730
Number/Width/Distance of T-slot(mm)	3-18-100	3-18-100
Max. load of table (kg)	2000	2000
Feed speed (mm/min)	20-2000	20-2000
Rapid feed speed (mm/min)	3500	3500
Spindle speed rang (rpm)	66-1440	42-1290
Spindle speed step (steps)	12	18
Distance from spindle axis to Column guide way (mm)	600	450
Spindle motor power (kw)	7.5	7.5
Overall dimension (mm)	3000x2285x2340	3000x2420x2340
Machine weight (kg)	5000	4500

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MILLING MACHINE

CNC KNEE TYPE MILLING MACHINE

	CNC-4K	CNC-5K	CNC-6K
Spindle motor	3HP	5HP	5HP
Spindle taper	NT-30	NT-30	NT-40
Quill diameter (mm)	85.725	85.725	105
Spindle speeds / variable (rpm)	60-4200	60-4200	70-3900
Quill travel (mm)	127	127	150
T slot (mm)	16x3x65	16x3x65	16x3x65
Table size (mm)	1270x254	1370x330	1370x330
Longitudinal travel (mm)	750	800	800
Cross travel (mm)	340	350	350
Spindle nose to table (mm)	400	430	430
Machine dimension (mm)	1400x1650x2250	1500x1650x2400	1500x1650x2400
Nct weight (kg)	1400	1800	2200



CNC-6K



Machine With Full-closed safety Cover



Machine with Equipment ATC

Specification	BM-1354B CNC	BM-1654 CNC	BM-2003 CNC	BM-2473 CNC
Table size	330x1370mm	406x1370mm	510x1600mm	610x1854mm
Table loading capacity(kg)	400	800	1200	1500
T slot (W/mm*No)	16*3	16*5	18*5	18*5
X axis travel	800mm	1000mm	1200mm	1500mm
Y axis travel	450mm	480mm	650mm	650mm
Z axis travel	480mm	600mm	600mm	740mm
Rapid feed rate	8000 mm/min	8000 mm/min	10000 mm/min	10000 mm/min
Max feed rate	3000 mm/min	3000 mm/min	10000 mm/min	4000 mm/min
Spindle speed	40-6000rpm.min	40-6000rpm.min	40-6000rpm.min	40-6000rpm.min
Spindle nose	BT40	BT40	BT40/BT50	BT40/BT50
Spindle mote	5.5hp	7.5hp	10hp	7.5hp
X/YZ servo motor	1kw	1.5kw	2.0kw	2.0kw
Spindle quill diameter	120mm	150mm	150/160mm	150/160mm
Spindle center to column surface	450mm	520mm	640mm	740mm
Positioning accuracy	± 0.015mm	± 0.015mm	± 0.015mm	± 0.015mm
Packing size	300x228x2470cm	330x228x265cm	320x220x245cm	470x280x297cm
Net weight	2600kgs	3800 kg	5000 kg	5200 kg
Controller	FANUC, SIEMENSE, MITSUBISHI,HD-500			



Standard Machine

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MILLING MACHINE

CNC BED TYPE MILLING MACHINE



BM-7132A CNC



BM-7136C CNC



BM-7140A CNC



BM-7150 CNC



BM-715 CNC

Specification	BM-7132A CNC	BM-7136C CNC	BM-7140A CNC	BM-7150 CNC	BM-715 CNC
Table size	1370x320mm	1325x360mm	1700x400mm	2000x400mm	2100x500mm
Table travel	770/450/440mm	1050/400/460mm	1300/420/500mm	1500x550mm	1500x550mm
T-slot	3-18-80	3-14-95	3-18-110	3-18-100	4-20-100
Distance between spindle nose and table surface	80-520mm	100-560mm	100-600mm	150-700mm	0-650mm
Table rapid feed speed (X)	4000mm/min	3000mm/min	8000mm/min	6000mm/min	6000mm/min
Table rapid feed speed (Y)	4000mm/min	3000mm/min	8000mm/min	6000mm/min	6000mm/min
Table rapid feed speed (Z)	3000mm/min	3000mm/min	6000mm/min	3000mm/min	3000mm/min
Spindle taper	BT40	BT40	NT50	ISO50 (7:24)	ISO50 (7:24)
Spindle speed range	5000r/min	6000r/min	125-1500r/min	66-1440rpm 12 setps	35-1345rpm 12 setps
Main motor power	3.7kw	5.5kw	7.5HP variable-frequency	7.5kw	7.5kw
X/Y/Z axis AC servo motor	10/10/10Nm	1.5/1.5/2kw	15/15/15Nm	-	-
Overall dimension	2100x1900x2340mm	2600x1950x2300mm	2600x2200x2300	3000x2285x2340mm	3650x2380x2750mm
Machine weight	2300kg	2500kg	3800kg	5300kg	7300kg

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MILLING MACHINE

VERTICAL MACHINE CENTER



VMC7125



VMC640



VMC850



VMC1000

MODEL	VMC7125	VMC640	VMC850	VMC850B	VMC1000	VMC1100
Table travel(X,Y,Z)	400 x 250 x 400	650 x 400 x 500	850 x 500 x 500	800 x 500 x 500	100 x 500 x 600	1100 x 600 x 600
Table size(mm)	600 x 250	920 x 400	1000 x 500	1100 x 500	1100 x 500	1100 x 600
Number/Width/Distance of T-Slot(mm)	3-14-75	3-14-120	5-18-100	5-18-100	5-18-100	5-18-115
Distance from spindle nose to table surface(mm)	60-460	120-620	110-610	150-650	150-750	150-750
Distance from spindle axis to column guide way(mm)	420	475	560	560	560	660
Taper of spindle	BT30	BT40	BT40	BT40	BT40	BT40
Spindle speed range(rpm)	40-6000	40-6000	40-6000	40-6000	40-6000	40-6000
Spindle motor powerkw)	3.7	5.5	7.5	7.5	7.5	7.5
Rapid feed speed(m/min)	10/10/10	30/30/18	30/30/24	24/24/18	30/30/24	24/24/18
Feed speed(mm/min)	1-8000	1-10000	10-10000	2-10000	1-10000	1-10000
Tool magazine capability(qty)	10	16	16	16	16	24
Max.dimension of tool(mm)	80/120, 200	80/130 , 300	130 , 300	130 , 300	106/130 , 300	100/130 , 300
Max.weight of tool(kg)	5	8	8	8	8	8
Positioning accuracy(mm)	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
Repeat positioning accuracy(mm)	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Overall dimension(mm)	1700 x 1700 x 2200	2180 x 2052 x 2600	2500 x 2600 x 2300	2500 x 2260 x 2300	2800 x 2180 x 2800	2800 x 2220 x 2800
Machine weight(kg)	1850	3200	5500	5400	5300	6500

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GRINDING MACHINE

DRILL BITS GRINDER

Model	PP-13D	PP-30
Max. grinding capacity	Ø3mm ~ Ø13mm	Ø3mm ~ Ø30mm
Point Angle	90° ~ 135°	90° ~ 145°
Grinding Wheel	CBN wheel (Optional SDC)	
Power	180W	450W
Power Supply	AC110V/220V Single Phase	
Speed	5300rpm	3000rpm
Packing Size	310x170x180mm	490x280x310mm
Weight	10kg	33/35kg



PP-13D



PP-30

DRILL BIT& TAP GRINDER

	ZS13	ZS30
Capacity	Tap: M3-M16 Drill Head: Ø3mm - Ø13mm	Tap: M16-M36 Drill Head: Ø12mm -Ø30mm
Motor	AC220V, 1PH, 50HZ/60HZ, 120W	AC220V, 1PH, 50HZ/60HZ, 450W
Speed	4000rpm	3500rpm
Packing size	370x290x280mm	530x340x310mm
Weight	25/28kg	51kg



ZS13 & ZS30

ENDMILL AND TAP GRINDER

Model	XS13	XS30
Capacity	Tap: M3-M16 Milling Tool: Ø4mm -Ø13mm	Tap: M16-M36 Milling Tool: Ø13mm -Ø30mm
Motor	AC220V, 1PH, 50HZ/60HZ, 120W	AC220V, 1PH, 50HZ/60HZ, 450W
Speed	4000rpm	3500rpm
Packing Size	370x290x280mm	520x300x310mm
Weight	25/28kg	51kg



XS13 & XS30

ENDMILL GRINDER

Model	X313
Capacity	Ø4mm - Ø13mm
Collet holder	2pcs
Motor power	250W
Speed	6000rpm
Motor	AC110V or AC220V 50/60Hz
Weight	22/24kg
Packing size	390x360x360mm
ER collet	ER20:Ø4mm-Ø13mm x 10pcs
SDC Wheel	1pc
Collet holder	1pc (2&4 flutes End Mill) 1pc (for 3 flutes End Mill)



X313

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GRINDING MACHINE

SPIRAL ENDMILL GRINDER

Model	LX13	LX30
Capacity	End mill: Ø4mm - Ø13mm	End mill: Ø13mm - Ø30mm
Motor	AC220V ,1 Phase, 50Hz/60Hz,250W	AC220V ,1 Phase, 50Hz/60Hz,450W
Speed	4000rpm	3500rpm
Packing size	370x290x280mm	530x340x310mm
Weight	25/28kg	51kg



LX13 & LX30

BALL END MILL SHARPENER

Model	QX13	QX30
Capacity	End mill: Ø4mm - Ø13mm	End mill: Ø13mm - Ø30mm
Motor	AC220V ,1 Phase, 50Hz/60Hz,250W	AC220V ,1 Phase, 50Hz/60Hz,450W
Speed	4000rpm	3500rpm
Packing size	370x290x280mm	530x340x310mm
Weight	25/28kg	51kg



QX13 & QX30

CIRCULAR SAW BLADE SHARPENER

Model	480Z
Saw Blade Capacity	Ø65-Ø480mm
Pitch Range	Max.30mm
Depth of teeth	Max. 10mm
Range of Cutting Angle	-5° ~ 30°
Feed Speed	0-120 teeth/min
Max. Thickness of Blade	Max.8mm
Grinding Wheel Size	150x25x1.5mm
Speed of Grinding Wheel	4200rpm
Horse Power and Voltage of motor	1/4HP, 220V
Net weight / Gross weight	160/175kg
Package Size	850x760x1450mm



480Z

BAND SAW BLADE SHARPENER

Model	MG110
Grinding capacity	Max.band saw width:90mm Max.tooth pitch:50mm
Angle degree	15°-45°
Feed speed	0-170 teeth/min.
Motor Power	180W
Motor Speed	2800rpm
Grinding WheelSize	Ø150xØ25x3(2)mm
Weight	78/84kg
Dimension	560x590x940mm



MG110

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GRINDING MACHINE

UNIVERSAL GRINDER



PP-600F



50E R-shaped turning tool grinder



50D End milling cutter grinder



50K Muti-Function



50Q Gun drills



50L Helix edge tool



50X Universal tool grinder

Specification	PP-600F
Longitudinal travel of the operating table	300mm
Cross travel of the working table	190mm
Size of the worktable	130 x 550mm
Elevating distance of wheel head	150mm
Rotating angle of wheel head	360°
Grinding wheel size	150 x 50 x 32mm
Speed of grinding wheel	3600rpm
Power and voltage	3/4HP,110v/220v/380v
Net/Gross weight	160/168kgs
Packing size	730 x 710 x 715mm

Specification	PP-6025Q
Max, Grinding Diameter	250mm
Longitudinal travel of the operating table	315mm
Horizontal travel of the operating table	150mm
Elevating Distance of Wheelhead	150mm
Rotating Angle of Wheelhead	360 degree
Speed of Grinding Wheel	4200RPM
Horse Power and Voltage of Motor	3/4HP
Total Power	1HP
Height of the head holder	135mm
Taper hole of main spindle of head holder	Morse #4
Max,hold capacity of head and back holder	450mm
Area of the operating table	130 x 680mm
Grinding Wheel Size	125 x 50 x 32mm



PP-6025Q

MULTI-FUNTIONAL TOOL GRINDING MACHINE

Specification	PP-32N
Left and right journey of the operating table	90mm
Front and Back journey of the operating table	150mm
Rotating angle of wheel head	360°
Front angle of drill bit	90°-180°
Grinding wheel size	150/125x50x32mm
Speed of grinding wheel	2800 rpm
Power and Voltage	1HP,380V
Net/gross weight	105/118KGS
Packing size	810*510*470mm



PP-32N

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GRINDING MACHINE

GRAVER GRINDER

Model	U3
Max. hoding capacity	16/28mm
Max. grinding capacity	25mm
Pushing angle	0° -180°
Clearance angle	0° -45°
Negative pushing angle	0° -25°
Rotating speed of the main axle	5000 RPM
Diameter of dishshaped grinding wheel	100*50*20mm
Motor	1/2HP.38V 1/4HP.220V
Net /Gross weight	46/60kg
Package size	55*45*47cm



U3

UNIVERSAL CUTTER GRINDING MACHINE

Model	MC160
Horizontal travel of the operating table	160mm
Longitudinal travel of grinding wheel	50mm
Elevating distance of grinding wheel	80mm
Rotating angle of grinding wheel	0-90°
Speed of grinding head	2800 RPM
Horse power and voltage of motor	0.37KW
Grinding wheel size	Φ125*Φ32*16
Package size	590*440*570mm



MC160

CUTTER SHARPENER

Specification	ZZM-10A
Wheel diameter	100mm
Wheel thickness	50mm
Wheel hole size	20mm
Spindle speed	5200rpm
Collet clamping diameter range	3-28mm
Tool post longitudinal travel	140mm
Tool post longitudinal mircro adjustment	18mm
Spindle longitudinal mircro adjustment	8mm



ZZM-10A

Specification	HDT30
End mill capacity(D.SxD.ExL)	50x225x250mm
Swing over table	245mm
Longitudinal travel of table	75mm
Cross travel of table	150mm
Maximum wheel (O.CxWxI.D)	125x52x32mm
Tilt adjustment for wheelhead	+35° -5°
Air bearing stroke	250mm
Motor power	0.25kw



HDT30

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GRINDING MACHINE

BELT GRINDER



S-75/S-150A



Triangular stand for special optional



S-150

Model	S-75	S-150A	S-150
Motor Power	3KW	3KW	2.3/2.8KW
Contact Wheel	200 x 75mm	200 x 150mm	250 x 150mm
Belt Size	2000 x 75mm	2000 x 150mm	2000 x 150mm
Belt Speed	34m/sec.	34mm/sec.	17mm/sec. 34mm/sec.
Packing Size	115 x 57 x 57cm	115 x 65 x 65cm	115 x 63 x 64mm
N.W/G.W	75/105kg	100/140kg	105/130kg

TUBE AND PROFILE END GRINDER



Sanding for tube&profile



Sanding on back



PRS-76C





PRS-76A



PRS-76





PRS-150

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GRINDING MACHINE

TUBE AND PROFILE END GRINDER

Model	PRS-76	PRS-76A	PRS-76C	PRS-150
Motor Power	3KW	2.2/2.8KW	2.2/2.8KW	5.5KW
Motor Speed	2800rpm	2800rpm	2800rpm	1400/2800rpm
Belt Size	100 x 2000mm	100 x 2000mm	100 x 2000mm	150 x 2000mm
Belt Speed	30m/sec	15m/sec, 30m/sec	15m/sec, 30m/sec	15/30m/sec
Grinding Angle	30°- 90°	30°- 90°	30°- 90°	30°- 90°
Graphite Paper	380 x 100mm	380 x 100mm	380 x 100mm	400 x 160mm
Adjustable Slide	200 x 75mm	200 x 75mm	200 x 75mm	175 x 150mm (Horizontal x Cross)
Dia of Driven Wheel	198mm	198mm	198mm	200mm
Dia of Contact Wheel	-	-	-	35–145mm
Packing Size	130 x 56 x 46cm	137 x 62 x 66cm	137 x 62 x 66cm	165 x 88 x 142cm
N.W/G.W	168/196kg	178/208kg	188/218kg	310/420kg

UNIVERSAL TOOL GRINDING MACHINE



SG6025



SG6025W

Specification	SG6025
Distance between work head and tailstock centers	545mm
Distance between left tailstock and right tailstock center	650mm
Max. Work piece diameter	250mm
Height of center	130mm
Max. Length for cylindrical grinding	270mm
Work table travel by hand	400mm
Swivel range of table to either side	45°
Vertical/cross slide travel	230/250mm
Vertical movement speed of wheel hand by power	280mm/min
Grinding spindle inclinable	± 15°
Grinding spindle speed	2700,4000,5500rpm
Motor power	3.15kw
Overall dimensions	1820x1550x1640mm

Specification	SG6025W
Max. grinding diameter	250mm
The max. hold capacity of the head and back holder	540mm
Inner bore of the grinding work piece	12-50mm
Longitudinal travel of the operating table	360mm
Horizontal travel of the operating table	230mm
Area of the operating table	130x940mm
Elevating distance of wheelhead	240mm
Rotating angle of wheelhead	360°
Speed of grinding wheel	4200/7000rpm
Horse power and voltage of motor	2HP,380v
Height of the head holder	135mm
Taper hole of the main spindle of the head holder	ISO50/Morse 5#
Grinding wheel size	150x16/50x32mm
Total power	2HP
Net/Gross weight	1000kg/1180kg
Package size	1820x1500x1650mm

MULTI-USE GRINDING MACHINE

Specification	2M9120A	2M9125A
Max. Swing diameter over table	200mm	250mm
Max. Work piece length	500mm	
Size for surface ginding(LxW)	300x125mm	
Max. Weight of work piece	10kg	
Work head spindle speeds	110,200,300rpm	60,90,120,175,235,345rpm
Speed of wheel head up-dwon travel		280mm/min
Internal grinding spindle speed	13500rpm	
Longitudinal table travel, hand control	480mm	
Wheel head spindle speeds	2500rpm	
Table traverse speed	< 7m/min	
Power	2.905kw	2.995kw
Net weight	1285kgs	1385kgs
Overall dimensions	1520x1133x1173mm	1520x1220x1360mm



2M9120A

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GRINDING MACHINE

MANUAL SURFACE GRINDING MACHINE



SG618



SG618A/SG818A



SG820



SG1022

Specification	SG618	SG618A	SG818A	SG820	SG1022
Table size (mm)	460 x 180	450 x 150	450 x 200	480 x 200	540 x 250
Max. Grinding size (mm)	500 x 190	470 x 160	470 x 220	530 x 220	540 x 250
Max. distance from table to spindle center (mm)	335	450	450	450	420
Magnetic chuck size(optional equipment) (mm)	150 x 400	150 x 400	200 x 400	200 x 400	250 x 500
Stroke of table left and right motion(mm)	500	500	500	530	560
Stroke of table cross motion (mm)	190	185	240	220	260
Feed of elevating handwheel					
Div(mm)	0.01	0.005	0.005	0.01	0.01
Rev(mm)	1.25	1	1	1.25	1.25
Grinding wheel size(mm)	200 x 16 x 31.75	200 x 13 x 31.75	200 x 13 x 31.75	200 x 20 x 31.75	200 x 20 x 31.75
Spindle roating speed(r/min)	2850(50HZ)	2850(50HZ):3450(60HZ)		2850(50HZ)	2850（50HZ)
Power of spindle motor(Kw)	1.1	1.1	1.1	1.1	1.5
Machine weight(kg)	650	750	900	700	900
Packing size(mm)	1060 x 1170 x 1870	1350 x 1110 x 1950(worktable dismantled)	1400 x 1110 x 1950(worktable dismantled)	1140 x 1250 x 1940	1200 x 1400 x 1760

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GRINDING MACHINE

SURFACE GRINDING MACHINE



SGA-4080AH

Description \ Model		Unit	SG-2050AH / SG-2050AHR / SG-2050AHD	SGA-2550AH / SGA-2550AHR / SGA-2550AHD	SGA-3063AH / SGA-3063AHR / SGA-3063AHD	SGA-30100AH / SGA-30100AHR / SGA-30100AHD	SGA-4080AH / SGA-4080AHR / SGA-4080AHD	SGA-40100AH / SGA-40100AHR / SGA-40100AHD
Table(WxL)		mm	200x460	250x500	305x635	305x1020	406x813	406x1020
Table travel(X" Y")		mm	510x238	560x275	765x340	1130x340	910x450	1130x450
Max.distance from spindle center to table		mm	450	450	580	580	580	580
Magnetic chuck size		mm	200x460	250x500	300x600	300x1000	400x800	400x1000
Speed of table longitudinal movement		m/min	7-23					
Table transverse movement	Auto feed	mm/min	0.1-8					
	Rapid speed	m/min	990					
	Feed of handwheel	mm/div.	0.02					
Wheelhead vertical movement	Auto feed	mm	---(AH/AHR model / 0.005/0.01/0.02/0.03/0.04/0.05(Only for AHD model)					
	Rapid speed	mm/min	---(AH model / 460(Only for AHR/AHD model)					
	Feed of handwheel	mm/div.	0.005					
Grinding wheel	Speed	rpm	2850(50HZ)、3450(60HZ)		1450(50HZ)、1750(60HZ)			
	Size (ODxWxID)	mm	200x20x31.75		350x40x127			
Spindle Motor		kw	1.5	2.2	5.5			
Hydraulic Motor		mm	0.75		2.2			
Cooling pump motor		kw	0.04		0.125			
Elevating motor		kw	— (AH model) / 0.25(AHR model) / 0.5(AHD model,servo motor)					
Cross feed motor		kw	0.04					
Max.loading capacity of table(include chuck)		kg	120	180	270	400	500	600
Total rated power		kw	3	3.7	9			
Height of machine		mm	1675		1890			
Floor space (LxW)		mm	2050x1400	2250x1650	2800x2200	4400x2200	3600x2400	4400x2400
Gross weight		kg	1600	1800	2800	3500	3800	4300
Packing dimensions (LxWxH)		cm	178x150x218 190x170x218	200x210x218	235x222x220	295x222x220	285x227x220	295x227x220

Standard equipents:

* Coolant tank
* Wheel dresser base
* Standard wheel
* Working lamp
* Balance arbor
* Optional equipent:

Balancing stand

* Manual parallel wheel dresser
* Coolant tank with paper filter
* Dust collector
* Electro magnetic chuck
* Flange and wheel exteanctor
* Leveling wedge and foundation bolt
* Normal electro magnetic chuck controller
* PLC auto grinding controller(only for AHDmodel)
* Coolant tank with magnetic separator
* Coolant tank with paper filter and magnetic separator
* Luxurious electro magnetic chuck controlle

1.H mean: hydraulic transmission on longitudinal, manual on transverse and vertical
2.AH mean: auto feed on transverse, hydraulic transmission on longitudinal, manual on vertical.
3.AHR mean: auto feed on transverse, hydraulic transmission on longitudinal, rapid movement on vertical.
4.AHR mean: auto feed on transverse, hydraulic transmission on longitudinal, auto feed on vertical.

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GRINDING MACHINE

HYDRUALUIC SURFACE GRINDING MACHINE



SGA-2550A



SGA-30100A

Item \ Model	Unit	SGA-2050M / SGA-2050R / SGA-2050A	SGA-2550M / SGA-2550R / SGA-2550A	SGA-3063M / SGA-3063R / SGA-3063A	SGA-30100M / SGA-30100R / SGA-30100A	SGA-4080M / SGA-4080R / SGA-4080A	SGA-40100M / SGA-40100R / SGA-40100A
Table size	mm	200 x 508	254 x 508	305 x 635	305 x 1020	406 x 813	406 x 1020
Magnetic chuck size	mm	200 x 460	250 x 500	300 x 600	300 x 1000	400 x 800	400 x 1000
Max. Distance from spindle center to table	mm	450	450	580	580	580	580
Table cross travle	mm	240	275	340	340	450	450
Table longitudinal travle	mm	560	560	765	1130	910	1130
Max. Loading capacity (included chuck)	kg	180	180	270	400	500	600
Speed of table longitudinal move	m/min	5~25					
Cross Motion							
Intermittent feed rate	mm/t	0.1-8					
Rapid speed	mm/min	990					
Feed of handwheel	mm/div	0.02					
Vertical Motion							
Auto down feed rate	mm/t	A series: 0.005-0.5					
Rapid down speed	mm/min	R Series: 650; A Series: 480					
Feed of handwheel	mm/div	0.005					
Spindle roating speed	r/min	2850(50HZ) 3450 (60HZ)		1450(50HZ) 1750(60HZ)			
Grind wheel size	mm	200 x 20 x 31.75		350 x 40 x 127			
Spindle motor power	kw	2.2		4			
Floor space (L*W*H)	mm	2300 x 1600 x 1675		2900 x 2200 x 1900	4400 x 2200 x 1900	3600 x 2400 x 1900	4400 x 2400 x 1900
Gross weight	kg	1650	1800	2800	3200	3400	3700
Package size	mm	2000 x 2100 x 2150		2350 x 2220 x 2210	2950 x 2220 x 2210	2850 x 2270 x 2210	2950 x 2270 x 2210

Standard Accessories:

Operating manual
Working lamp
Balancing arbor
Standard grind wheel
Magnetic chuck
Built-in magnetic chuck controller
Coolant tank
Wheel flange and extractor
Wheel dresser stand
Leveling wedge and screw

Optional Accessories:

Balancing stand
Magnetic seperator
Paper filter
Oil tank guard
Dust exhaust
Parallel wheel dresser
2 axis digital readout
Extra wheel flange

1.M mean:auto intermittent feed on transverse,hydraulic transmission on longitudinal,manual on vertical
2.R mean:auto intermittent feed on transverse,hydraulic transmission on longitudinal, rapid movement on vertical
3.A mean:auto intermittent feed on transverse,hydraulic transmission on longitudinal, PLC auto grinding controller and servo motor is equipped to real wheel head auto down feed on vertical

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GRINDING MACHINE

SURFACE GRINDING MACHINE



SG-50100NC



SG-60220NC

Item \ Model	Unit	SG-50100NC	SG-50160NC	SG-60160NC	SG-60220NC
Table size W*L	mm	500 x 1000	500 x 1600	630 x 1250	630 x 1600
Max. Grinding size W*L	mm	500 x 1000	500 x 1600	600 x 1250	600 x 1600
Max. Distance from table to spindle center	mm	600			
Magnetic chuck size(optional equipment)	mm	500 x 1000 x 1	500 x 800 x 2	600 x 800 x 2	600 x 1000 x 2
Speed of table longitudinal move	m/min	5~25			
Wheel head cross move					
Auto intermittent feed	mm/t	0~30			
Rapid speed	mm/min	0~600			
Feed of MPG	mm/div	0.005			
Wheel head vertical move					
Auto feed	mm/t	0.005, 0.01, 0.02, 0.03, 0.04			
Rapid speed	mm/min	0~300			
Feed of MPG	mm/div	0.005			
Grindwheel size	mm	355*(20-50)*127			
Motor of spindle	kw	7.5	11	7.5	11
Package size	cm	399 x 225 x 250	564 x 225 x 250	510 x 230 x 250	658 x 230 x 250
Gross weight	kg	5500	6000	7000	8000

Standard Accessories

Operating manual
Working lamp for SG-50100NC and SG-50160NC
Balancing arbor
Wheel flange and extractor
Wheel dresser stand
Y/Z axis electrical wheel (MPG)
PLC+HMI Auto. Grind controller SG-60160NC and SG-60220NC
HMI Auto. Grind controller SG-50100NC and SG-50160NC
Built-in magnetic chuck controller
Coolant tank
Splashing guard
Standard grind wheel
Leveling wedge

Optional Accessories

Balancing stand
Magnetic separator
Paper filter
Oil tank guard
Electrical magnetic chuck
Parrael wheel dresser
2 axis digital readout
Extral wheel flange

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GRINDING MACHINE

SURFACE GRINDING MACHINE



M7140A

- This series of surface grinder is most suitable for the grinding steel, casting and non-ferrous parts of machine manufacturing industry.
- The accuracy of the machine has reached the National Standard for horizontal spindle & rectangular worktable surface grinder. (GB/T4022-1983)
- The longitudinal movement of the worktable is driven by vane pump, which makes the movement smooth and low noise.
- The bearings of the wheel head spindle adopt bimetal shell bearing, which can afford heavy impact and make the machine able to carry out heavy load grinding.
- The cross movement of the wheel head can be driven by hand or automatically driven by hydraulic oil. It is easy to operate. The vertical feed of the wheel head is driven by hand. It is also assembled with rapid elevating motor, which can reduce the intention of work labor as well as enhance the work efficiency.
- The machine moves smoothly and has reliable performance, low noise and stable accuracy. It is easy to operate and deeply welcomed by the customers.
- M7130A, M7140A,M7150A, M7163 series surface grinder adopts the air cooler for hydraulic oil tank. The temperature of the oil tank raises little so the thermal distortion of the machine is small.

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GRINDING MACHINE

SURFACE GRINDING MACHINE

Specification		M7130A	M7130B	M7130C	M7132	M7140A	M7140A*1600	M7140A*2200
Worktable size(W*L) (mm)		300x1000	300x1000	300x1000	320x1000	400x1000	400x1600	400x2200
Max processing dimension (W*L) (mm)		300x1000	300x1000	300x1000	320x1000	400x1000	400x1600	400x2200
Max distance between spindle center line and worktable surface (mm)		600	1000	1400	600	600	600	600
Longitudinal moving speed of worktable m/min		3-27	3-27	3-27	3-27	3-25	3-25	3-25
T-slot number *W (mm)		3*18	3*18	3*18	3*18	3*18	3*18	3*18
Wheel head cross moving	Consecutive feed speed (m/min)	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5
	Intermittent feed speed (mm/t)	3-30	3-30	3-30	3-30	3-30	3-30	3-30
	Hand wheel feed (mm)					0.02	0.02	0.02
Vertical moving of wheel head	Rapid speed (mm/min)	400	400	400	400	400	400	400
	Hand wheel feed (mm/gra)	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Wheel head motor	Power (kw)	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	Rotation speed (rpm)	1440	1440	1440	1440	1440	1440	1440
Total power (kw)		11	11.2	11.2	11	11	13.5	13.5
Max loading capacity of worktable (with chuck) (kg)		470	900	1170	500	620	1000	1380
Chuck size (W*L) (mm)		300x680x1			320x800x1	400x1000x1	400x800x2	400x1000x2
Wheel size (OD*W*ID) (mm)		400x40x127						
Machine dimension (L*W*H) (cm)		286x185x203	286x185x251	286x185x283	286x187x203	311x167x223	425x167x223	575x167x223

Specification		M7150A	M7150A*1600	M7150Ax2200	M7163x1250	M7163x1600	M7163x2200
Worktable size(W*L) (mm)		500x1000	500x1600	500x2200	630x1250	630x1600	630x2200
Max processing dimension (W*L) (mm)		500x1000	500x1600	500x2200	630x1250	630x1600	630x2200
Max distance between spindle center line and worktable surface (mm)		700	700	700	700	700	700
Longitudinal moving speed of worktable m/min		3-27	3-27	3-27	3-27	3-27	3-27
T-slot number *W (mm)		3*22	3*22	3*22	3*22	3*22	3*22
Wheel head cross moving	Consecutive feed speed (m/min)	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5	0.5-4.5
	Intermittent feed speed (mm/t)	3-30	3-30	3-30	3-30	3-30	3-30
	Hand wheel feed (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Vertical moving of wheel head	Rapid speed (mm/min)	400	400	400	400	400	400
	Hand wheel feed (mm/gra)	0.005	0.005	0.005	0.005	0.005	0.005
Wheel head motor	Power (kw)	7.5	7.5	7.5	7.5	7.5	7.5
	Rotation speed (rpm)	1440	1440	1440	1440	1440	1440
Total power (kw)		12.25	13.75	15.75	13.75	15.75	15.75
Max loading capacity of worktable (with chuck) (kg)		700	1240	1410	1010	1290	1780
Chuck size (W*L) (mm)		500x1000x1	500x800x2	500x1000x2	630x1250x1	630x800x2	630x1000x2
Wheel size (OD*W*ID) (mm)		400x40x203	400x40x203	400x40x203	400x40x203	400x40x203	400x40x203
Machine dimension (L*W*H) (cm)		311x210x233	425x210x233	575x210x233	330x220x241	430x220x241	575x220x241

Standard accessories:

- Diamond Pen
- Wheel Chuck and tool for loading and unloading
- Wheel Balancing Arbor
- Leveling Wedges and Screw
- Brush
- Electromagnetic Chuck

Optional Accessories:

- Wheel Balancing stand



Shock Proof



Wheel Chuck



Wheel Balancing stand



Cooling Pump

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GRINDING MACHINE

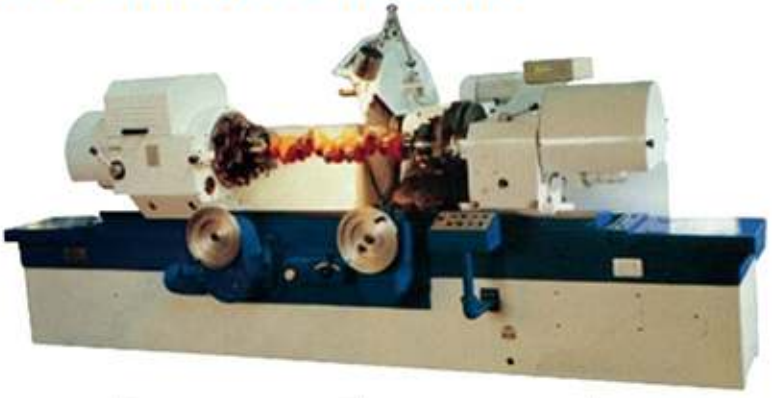
UNIVERSAL CYLINDRICAL GRINDING MACHINE

Specification	SGW1432B	SGW1420	SGW1450
Distance between centers	1000mm 1500mm	500mm 750mm	1500mm 2000mm 3000mm
Max. length ground(O.D)	1000/1500mm	500/750mm	1500/2000/3000mm
Max. length ground(I.D)	125mm	100mm	320mm
Max. weight of work piece	150kg	100kg	1000kg
Wheel spindle speed	1670rpm	1670rpm	1330/665rpm
Max travel	246mm	205mm	370mm
Max dimension of wheel	400x50x203mm	400x50x203mm	500x75x305mm
Longitudinal traverse speed of table	0.1-4m/min	0.1-4m/min	0.1-3m/min
Wheel head motor power	5.5kw	4kw	5/7.5kw
Packing dimension	3380x2000x2050mm 4380x2000x2050mm	2600x2060x2050mm 3000x2060x2050mm	540x270x210(1500)mm 610x270x210(2000)mm 810x270x210(3000)mm



SGW1432B

CRANKSHAFT GRINDING MACHINE



CSG8260C

Specifications		CSG8240A/750	CSG8260A/1	CSG8260C	CSG8260Ax20
Max swing over table		400mm	600mm	600mm	600mm
Max work length between centers		750mm	1600mm	1600mm	2000mm
Headstock	Center height	200mm	300mm	300mm	300mm
	Work speed (rpm)	40,80	25,45,95	25,45,85	30,45,65,100
Max cross movement of wheel head		150mm	85mm	85	185
wheel spindle speed		890 r/min	740,890 r/min	740,890 r/min	740,890 r/min
Capacity of motors		6.92 kw	9.82 kw	9.82 kw	11.12 kw
Over dimensions (LxWxH) (mm)		2860x1960x1650	4166x2037x1584	4166x2037x1584	4900x2037x1584

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GRINDING MACHINE

END SURFACE GRINDING MACHINE

Model	MD380A	MD380B
Table size	386 X 177mm (fixed table)	Φ400mm (rotary table)
Overall dimensions of the machine	1250 x 950 x 1900mm	1250 x 950 x1800mm
Max. height of grinding	280mm	280mm
Vertical increment	0.01mm	0.01mm
Wheel dimensions	200 x 78 x 78mm	200 x 78 x 78mm
Wheel speed	2800rpm	2800rpm
Electro-spindle	4HP	4HP
Coolant elextro-pump	0.12HP	0.12HP
Capacity of coolant tank	20L	20L
Max. Noise during working	68db	68db
N.W/G.W	580/600kg	600/620kg



MD380A/MD380B

FINISHING DEBURRING MACHINE

Model	BFM-2560
Max. width	600mm
Max. thickness	1-156mm
Min. length	300mm
Belt size	635 x 1520mm
Feeding speed	2-9(variable speed)m/min
Vacuum air flow	3000m/3h
Main motor power (belt motor)	7.5kw/10HP
Packing size	177 x 150 x 204cm (length of the rubber roller:645mm)
N.W/G.W	1300/1580kg



BFM-2560

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AUTOMOBILE REPAIRING MACHINE

CYLINDER BODY BUSHING BORING MACHINE



T8120x20

Specification	T8115Bx16	T8120x20
Bored hole diameter	36-150mm	36-200mm
Max length of cylinder body	1600mm	2000mm
Main shaft mac elongation	300mm	
Main shaft rotating speed	6(class)210-945rpm	
Boring rod feed quantity	0.044,0.167mmpr	
Motor power	0.75/1.1kw	
Dimensions(LxWxH)mm	3510x650x1410	3910x650x1410

COR-ROD BUSHING BORING MACHINE

Specification	T8210D
Bored hole diameter	16-100mm
Distance of rod 2-hole centers	100-425mm
Work table travel	220mm
Main shaft speed	350,530,780,1180rpm
Boring rod diameter	12,16,24,40mm
Main motor power	0.65/0.85kw



T8210D

CYLINDER BLOCK GRINDING MILLING MACHINE

Specification	3M9735A	3M9735Ax130	3M9735Bx130
Dimensions of working table	1000x500mm	1300x500mm	1300x500mm
Max length of processing	1000mm	1300mm	1300mm
Max width of processing	350mm	350mm	350mm
Max height of processing	600mm	600mm	800mm
The vertical moving distance of grinding wheel plate	120mm	120mm	60mm
Moving speed of working table	40-900mm/min	40-900mm/min	40-900mm/min



3M9735AX100

AUTO BARKE DRUM BORING MACHINE



LYT866



T8360/T8360B



T8370

Specification		LYT866	T8360/T8360B	T8370
Range of Processing Diameter		380-660mm	180-600mm	350-700mm
Travel of Slideboard		480mm	450mm	450mm
Rotating Speed of Spindle		Steless Speed Change 30-90r/min		
Feed		0.4,0.2mm/r		
Quick Lift-down Speed Motor		About 950mm/min		
Rotating Speed of Workpiece			27,45,70 r/min	30,45 r/min
Motor Power	Main motor	3kw	1.1kw	0.85/1.1kw
	Quick speed Motor	0.75kw		
Overrall Dimension		1610x1042x744mm	940x850x1415mm	940x700x1460mm
Packing Dimension		1120x1200x1800mm	1200x1040x1630mm	1200x1050x1650mm
N.W/G.W		1300/1400kg	800/900kg	900/1000kg

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AUTO MAINTENANCE MACHINE

BRAKE BRUM (SHOE) BORING MACHINE

Specification	T8358A
Range of Processing Diameter	220-580mm
Rotating Speed of Workpiece	37, 50 r/min
Working Travel of Slideboard	320mm
Motor Power	1.1kw
Overall Dimensions	955x835x1400mm
Packing Dimensions	1050x900x1520mm
N.W/G.W	680/800kg



T8358A

BRAKE BRUM (PLATE) LATHE C9365/CAR BRAKE SHOE LATHE DCT48

Specification		C9365	DCT48
Range of Processing Diameter (mm)	Brake Drum	350-650	350-480
	Brake Plate	180-400	350-480
Rotating Speed of Workpiece (r/min)		30, 49, 88	7.35
Max Travel of Tool (mm)		256	230
Overall Dimensions (mm)		1750x800x815	1100x624x950
Packing Dimensions (mm)		1165x956x915	1250x810x1300
N.W/G.W (kg)		650/800	175/225
Motor Power (kw)		1.1	0.75



C9365

BRAKE PLATE (DRUM) LATHE

Specification		C9335
Range of Processing Diameter (mm)	Brake Drum	180-350
	Brake Plate	180-350
Rotating Speed of Workpiece (r/min)		90
Max Travel of Tool (mm)		100
Overall Dimensions (mm)		695x565x635
Packing Dimensions (mm)		750x710x730
N.W/G.W (kg)		200/260
Motor Power (kw)		0.75



C9335



DCT48



LTC160A

TYRE CHANGER

Specification	LTC160A
Max Type Diameter	1600mm
Max Type Width	600mm
Clamping Diameter	14"–26"
Max Clamping Force	4000kgf
Moter Power	2.65kw
Overall Dimensions	1800x1730x900mm
Packing Dimensions	2000x1800x1140mm
N.W/G.W.	900/1000kg



QLC-600

WHEEL LIFTER

Specification	QLC–600
Lifting Height	900mm
Capacity	600kg
Overall Dimensions	1025x1095x1365mm
Packing Dimensions	1460x1000x370mm
N.W/G.W	160/190kg



CD1200

COMPUTERIZED WHEEL BALANCER

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AUTO MAINTENANCE MACHINE

FLY WHEEL DISC GRINDER

Specification	FG500
Table diameter	450mm
The max.diameter of repairing flywheel	500mm
The max.distance from spindle to table	200mm
Rotarional speed of grinding wheel	2800r/min
The rotational speed of table	17,34r/min
The motor of grinding wheel	3KW/400V/50HZ
The motor of table	1400, 700r/min 0.4/0.22KW/400V/50HZ
Cooling pump	0.12kw
Overall dimensions	1200x800x1750mm



FG 500

VALVE SEAT REBORING MACHINE

Model		T 8590A	T 8590B
Boring diameter		Φ20-Φ90	Φ20-Φ90
Spindle speed range (rpm)		55,85,210,320,370,550	30-550rpm
Spindle travel		180mm	180mm
Distance from spindle axis to guide way surface (mm)		270mm	270mm
Max. Distance from end of spindle to working tabel		750mm	750mm
Moving speed of machine head (mm/min)		512mm/min	512mm/min
Moving speed of machine (mm/min)	Cross	120mm	120mm
	Longitudinally	860mm	860mm
Main motor power		1.1/0.85kw 1400/950rpm	1.1/0.85kw 1400/950rpm
Overall dimensions		1300*800*1930mm	1300*800*1930mm
Packing dimensions		1700*1100*2000mm	1700*1100*2000mm
N.W/G.W		1200/1400kg	1200/1400kg



T8590A



T8018A



T8018B



T8018C



TG18/A/B

CYLINDER BORING MACHINE

Specification	T8018A	T8018B	T8018C
Processing diameter	30-180mm		42-180mm
Max boring depth	450mm		650mm
The rotational speed of spindle	140-610r/min	175,230,300,350,460,600 r/min	
Spindle feed	0.05, 0.10 0.20mm/r		
Maching power	3.75kw		
Overall dimensions	2000*1235*1920mm		2680*1500*2325mm
Packing dimensions	1400*1400*2250mm		1578*1910*2575mm
N.W/G.W	2000/2200kg		3500/3700kg

Main specifications	TG18A/B
Range of boring diameter	58-180mm
Max boring depth	450mm
Spindle travel	700mm
The distance from central line of the spindle to the body	320mm
The rotational speed of spindle	175,230,300,350,460,600r/min
Spindle feed	0.05, 0.10, 0.20 mm/r
Rapid travel of spindle	2.65mm/min
Table size(L*W)	1200x500mm
Table travel	Crosswise 100mm lengthwise 800mm
Motor power	Main motor Y100L2-4B3 3KW 1420r/min
	High speed motor Y802-4B5 0.75KW 1400r/min
Overall dimensions(L*W*H)	2000*1225*2120mm
Packing dimensions(L*W*H)	1460*1400*2380mm
NW/GW	2100/2300kg

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AUTO MAINTENANCE MACHINE

CYLINDER BORING MACHINE

Specification	T807	T8016
Processing diameter	39-70mm	80-160mm
Max boring depth	160mm	300mm
The rotational speed of spindle	480r/min	240,350r/min
Spindle feed	0.09mm/r	0.1mm/r
Machine power	0.55kw	0.55kw
Overall dimensions	500x480x1150mm	400x260x900mm
Packing dimensions	600x700x1400mm	620x420x960mm
NW/GW	108/150kg	120/160kg



T807


T8016

HORIZONTAL HYDRAULIC BRAKE SHOE RIVETING MACHINE

Specification	LYYM5-W
The max riveting capacity	5000kgf
The max rivet diameter	10mm
Die travel	110mm
The max working pressure of hydraulic cylinder	16MPa
The up-down travel of table	150mm
The center height	210mm
Motor	Y90s-4b51.1kw
Overall dimensions (L*W*H)	820x520x1200mm


LYYM5-W

VALVE GRINDING MACHINE

Specification	T3M9390A
Dia..of valve ground	30-90mm
Dia. of valve stems clamped	7-16mm
Angle of valve ground	30-60°
Machine head spindle speed	120r/min
Grinding wheel spindle speed	4270r/min
Motor power	0.37kw


T3M9390A

DOUBLE COLUMN LIFTER

Specification	SJ300
Lift weight	3000kg
Range of lifting	1700mm
Ascending time	60s
Descending time	45s
Motor power	2.0kw
Electrical supply	380v 50hz



SJ300

TYRE CHANER

Specification	LTC95
Max tyte diameter	950mm
Max tyte width	340mm
Clamping diameter	290-450mm
Max clamping force	312kgf
Motor power	1.1kw
Overall dimensions	860x765x1456mm
Packing dimensions	1050x830x1000mm
NW/GW	190/240kg


LTC95

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AUTO MAINTENANCE MACHINE

CYLINDER HONING MACHINE

Specification	3M9816	MG16
Honing diameter	45-160mm	
Max honing depth	320mm	
Spindle speed	125, 250r/min	
Peciprocating speed of honing head	0-10m/min	
Machine power	1.1kw	
Overall dimensions	1240x850x2310mm	1400x920x2300mm
Packing dimensions	1310x1010x2100mm	1480x1080x2100mm
N.W/G.W	940/1130kg	980/1160kg



3M9816



MG16

VERTICAL HONING MACHINE

Specification	2M2217
Honing diameter rang	32-110mm
Max honing depth	320mm
Max spindle travel	300mm
Distance from spindle axis to column vertical plane	400x1000mm
Table longitudinal travel	800mm
Machine Cylindricity	0.003mm
Overall dimensions (LxWxH)	1900x1210x1988mm



2M2217

VERTICAL FINE HONING MACHINE

Specification	HTM170
Max honing diameter	Φ170mm
Max honing stoke	300mm
Spindle rotation speed	100~300rpm
Roundness of honing hole	0.0025mm
Cylindricity of honing hole	0.005mm
Roughness of honing hole surface	Ra0.2um
Spindle head longitudinal stroke	1100mm
Spindle head transversal stroke	80mm
Maximum load of worktable	200kg
Spindle motor	1.1kw
Hydraulic station motor	1.5kw
Electropump power	90w
Spindle alternlive motion speed	0~18m/min
Packing dimensions(LxWxH)	2100x1500x1750mm
N.W./G.W.	1200/1400kg



HTM170

VERTICAL FINE BORING MACHINE

Specification	T7220B	T7220C
Max boring diameter	Φ200mm	
Max boring depth	500mm	
Spindle travel	710mm	
Distance from spindle asix to carriage vertical plane	315mm	
Dimension of the working table surface	500x1250mm	
Machinery cylindricity	0.01/300	
Main motor power	3kw	
Overall dimension	2210x1600x2340 mm	2610x1600x2350 mm



T7220B

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AUTO MAINTENANCE MACHINE

VERTICAL FINE BORING MACHINE

Specification		T170A	T200A	T250A
Max. boring diameter		Φ170mm	Φ200mm	Φ250mm
Max. boring depth		400mm	500mm	500mm
Max. drilling & reaming diameter		Φ30mm		
Spindle speed		120~860r/min		
Feeding of the spindle		14~900mm/min		
Spindle travel		700mm		
Max. Longitudinal travel of the working table		1500mm		
Max. cross travel of the working table		200mm		
Worktable size(WxL)		500x1250mm	500x1500mm	500x1500mm
Machining precision	Roundness	0.005mm		
	Cylindricity	0.01/300mm		
Main motor power		5.5kw		
Overall dimensions(LxWxH)		2600x1630x2300mm		
Packing dimensions(LxWxH)		2250x1900x2270mm		
N.W/G.W		3300/3600kg	3500/3800kg	3500/3800kg



T170A

VERTICAL FINE BORING & MILLING MACHINE

Specification		TX170A	TX200A	TX250A
Max. boring diameter		Φ170mm	Φ200mm	Φ250mm
Max. boring depth		400mm	500mm	500mm
Max. milling area		400x1000mm		
Max. drilling & reaming diameter		Φ30mm		
Spindle speed		120~860r/min		
Feeding of the spindle		14~900mm/min		
Spindle travel		700mm		
Max. Longitudinal travel of the working table		1500mm		
Max. cross travel of the working table		200mm		
Worktable size(WxL)		500x1250mm	500x1500mm	500x1500mm
Machining precision	Roundness	0.005mm		
	Cylindricity	0.01/300mm		
	Milling flatness	0.10mm		
Main motor power		5.5kw		
Overall dimensions(LxWxH)		2600x1630x2300mm		
Packing dimensions(LxWxH)		2250x1900x2270mm		
N.W/G.W		3300/3600kg	3500/3800kg	3500/3800kg



TX170A

VERTICAL FINE BORING & MILLING-GRINDING MACHINE

Specification		TXM170A	TXM200A	TXM250A
Max. boring diameter		Φ170mm	Φ200mm	Φ250mm
Max. boring depth		400mm	500mm	500mm
Max. grinding area		400x1000mm		
Max. milling area		400x1000mm		
Max. drilling & reaming diameter		Φ30mm		
Spindle speed		120~1200r/min		
Feeding of the spindle		14~900mm/min		
Spindle travel		700mm		
Max. Longitudinal travel of the working table		1500mm		
Max. cross travel of the working table		200mm		
Worktable size(WxL)		500x1250mm	500x1500mm	500x1500mm
Machining precision	Roundness	0.005mm		
	Cylindricity	0.01/300mm		
	Milling flatness	0.10mm		
	Grinding flatness	0.08mm		
Main motor power		5.5kw		
Overall dimensions(LxWxH)		2600x1630x2300mm		
Packing dimensions(LxWxH)		2250x1900x2280mm		
N.W/G.W		3300/3600kg	3500/3800kg	3500/3800kg



TXM170A

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AUTO MAINTENANCE MACHINE

BRAKE DRUM / DISC CUTTING MACHINE



T8445FCV



T8465

Specification	T8445FCV	T8465
Drum dia. Capacity	Φ180-Φ450mm	Φ180-Φ650mm
Disc dia. Capacity	≤Φ400 mm	≤Φ500 mm
Spindle speed (3 steps)	30, 50, 85 r/min	25, 40, 70 r/min
Toolpost travel	170 mm	250 mm
Feed rate	0-0.5 mm/min	0.16 mm/r
Motor	1.1 Kw / 1400 rpm	1.1 Kw / 1400 rpm
Overall dimensions (LxWxH)	820x1080x1180 mm	800x875x940 mm
Packing dimensions (LxWxH)	1080x820x1280 mm	1330x960x1230 mm
N.W./G.W.	320/350 kg	

Specification	C9350	C9370
Drum diameter	Φ152-Φ500mm	Φ152-Φ711mm
Drum depth	≤Φ175 mm	≤Φ251 mm
Disc diameter	Φ180-Φ330mm	Φ180-Φ457mm
Spindle speeds	70, 80, 118 rpm	70, 88, 118 rpm
Spindle feed rate	Infinitely variable 0.05-0.5 mm/r	0.05-0.5 mm/r
Cross feed rate	0.05--0.25 mm/r	0.05--0.25 mm/r
Motor	1HP,220-240V/50-60HZ 0.75Kw 3HP,380-400V/50-60HZ 0.75Kw	1HP,220-240V/50-60HZ 3HP,380-400V/50-60HZ
Overall dimensions (LxWxH)	970x920x1140 mm	1200x920x1140 mm
Packing dimensions (LxWxH)	1200x900x1430 mm	1100x1070x1140 mm
N.W./G.W.	200/260 kg	400/600 kg



C9350 / C9370



C9350C



C9370C

Specification	C9350C	C9370C
Spindle Travel	6.875"(175mm)	9.875"(251mm)
Rotor diameter	7"-15"(180mm-381mm)	7"-18"(180mm-457mm)
Drum diameter	6"-28" (152-711mm)	6"-28" (152-711mm)
Motor	110V/220V/380V.50/60Hz	110V/220V/380V.50/60Hz
Spindle speed	70,88,118 rpm	70,88,118 rpm
Rotor thickness	1.875"(48mm)	4"(102mm)
Drum depth	6.875"(175mm)	9.875"(251mm)
Shipping weight	290 kg	350 kg
Dimension(LxWxH)	970mmx920mmx1140mm	1100mmx1070mmx1140mm

Specification	C9372
Rotor diameter	4"-24"(102mm-610mm)
Maximum rotor thickness	2.85"(73mm)
Drum diameter	6"-28"(152mm-711mm)
Drum depth	9"(229mm)
Flywheel diameter	6"-24"(152mm-610mm)
Spindle weight capacity(standard 1" Arbor)	150lbs(68kg)
Spindle speed	70-32RPM
Feed rates-rotor and drum	0"-0.026"(0mm-0.66mm)
Feed rate per minute	2.54"(64.5mm)
Motor	110V/220V 50/60HZ
Shipping weight	300kg
Dimension (LxWxH)	1130mmx1720mmx1750mm



C9372

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BORING MACHINE

HORIZONTAL BORING MACHINE



TP(X)6111B



TP(X)6111B/2

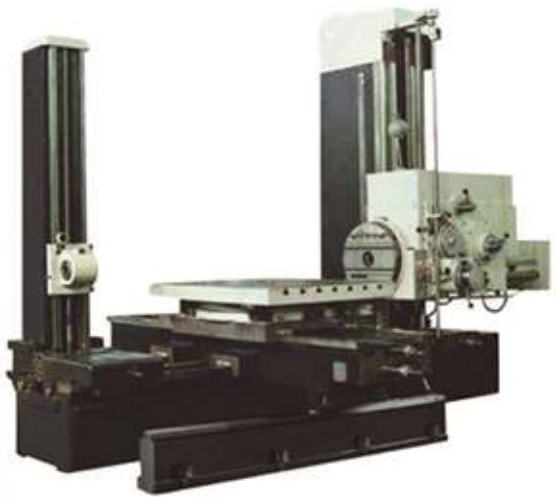
TP(X)6111B/3

Specifications	TPX6111B	TPX6111B/2	TPX6111B/3	TPX6113	TPX6113/2
Table size	1100X960mm	1200X1400mm	1300X1600mm	1400 x 1600mm	1600 x 1800mm
X/Z axis travel of worktable	900x1000mm	1250x1000mm	1600x1400mm	2000 x 1800mm	2000 x 2000mm (not including Back Column)
Number/Width of T-slot	7-22mm	7-22mm	7-22mm	7-22mm	7-22mm
Vertical travel of headstock	900mm	900mm	1200mm	1500mm	1800mm
Max.load of worktable	2500kg	2500kg	3000kg	7000kg	8000kg
Spindle diameter	110mm	110mm	110mm	130mm	130mm
Spindle travel	600mm	600mm	600mm	1500mm	1800mm
Facing head tool holder's radial travel	180mm	180mm	180mm	250mm	250mm
Spindle taper	Mt6	Mt6	Mt6	Mt8	Mt8
Spindle speed range	8-1000rpm	8-1000rpm	8-1000rpm	4-800rpm	4-800rpm
Facing head speed range	4-200rpm	4-200rpm	4-200rpm	2.5-125rpm	2.5-125rpm
Spindle motor power	7.5kw	7.5kw	7.5kw	15kw	15kw
Rapid travel(X/Y/Z/W)	2500mm/min	2500mm/min	2500mm/min	2500mm/min	2500mm/min
Overall dimension	4910x2454x2750mm	4910x2870x2750mm	5117x3359x3079mm	6903 x 4265 x 3400mm	7203 x 4665 x 3650mm
Machine weight	13000kg	14500kg	18000kg	25300kg	29300kg

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GEAR HOBBING MACHINE

HORIZONTAL BORING MACHINE



TX611C

Specification	TX611C	TX611B	TX611C/4
Spindle dia	110mm	110mm	110mm
Table size	1320x1010mm	1320x1010mm	1320x1010mm
Distance from spindle center to table surface	5-905mm	5-905mm	5-1205mm
Table longitudinal & transverse travel	1100x1200mm	1100x850mm	1100x1800mm
Spindle travel	550mm	550mm	550mm
Head stock vertical travel	900mm	900mm	1200mm
Max boring dia	240mm	240mm	240mm
Max drilling dia	50mm	50mm	50mm
Spindle speed (18steeps)	12-950rpm	12-950rpm	12-950rpm
Motor power	6.5/8kw	6.5/8kw	6.5/8kw
Overall size (mm)	4970x2330x3010	4970x2100x3020	4970x2717x3120
Net weight	12500	10700	14500



GHB3150E



GHB3120



GHB3180H

Specification	GHB3120	GH3150E	GH3180E	GH3180H
Max.dia.of workpiece to be hobbed (mm)	200	500	800	550/800
Max module to be hobbed (mm)	6	8	10	10
Min number of teeth to be hobbed(mm)			7	8
Max hob dia.(mm)	140	160	180	
Range of spindle speed(rpm)	80-500	40-250	40-200	40-200
Net weight(kg)	3500	4500	7800	5500
Overall dimension(mm)	2250x1590x1720	2440x1360x1800	2765x1420x1850	2750x1490x1870

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GEAR HOBBING MACHINE



YB3180



YB3115

Description	YB3180
Max diameter of workpiece	with rear post 550mm without rear post 800mm
Max module of workpiece	10mm
Min teeth of workpiece	Zmin/knt=8(*n:nember of cutter)
Max machine width workpiece	300mm
Max diameter and length of cutter	180mmx180mm
Diameler of changeable and axis of cutter	Φ22 Φ27 Φ32 Φ40
Max rotary angle of headstock	±60°
Dist between table and axis of cutter	Max 585mm Min 235mm
Dis between axis of workpiece and axis of cutter	Max 550mm Min 50mm
Dist between table and bearing of rear post	Max:600mm Min:400mm
Max axial shift length of cutter	60mm
Step number and range of spindle speed	8 step 40-200r.p.m
Range of axial step	0.4-4mm/table per turn
Machining precision	GB1095-88 6-6-7
Dimensions(LxWxH)	2765x1420x1850(mm)

Description	YB3115
Max diameter of workpiece	150mm
Max module of workpiece	3mm
Max diamter and length of cutter	110mm*120mm
Tapered bore spindle	Morse No.3
Diameler of changeable and axis of cutter	Φ22 Φ27 Φ32
Max rotary angle of headstock	±45
Dist between table and axis of cutter	Max 270mm Min 120mm
Worktable center bore diameter	70mm
Dis between axis of workpiece and axis of cutter	Max 140mm Min 10mm
Step number and range of spindle speed	63-320r.p.m
Range of axial step	0.23-3mm/table per turn
Main motor power	3Kw
Dimensions(LxWxH)	1673x1318x1490(mm)
Net.weight	2880Kg

PRESS MACHINE

AIR HAMMER

Model		C41-25	C41-40	C41-75
Falling max. mass		25 kg	40 kg	75 kg
Max. blow energy		275 J	530 J	1000 J
Number of strokes (per min.)		250	245	210
Distance from ram center to frame		200 mm	235mm	280mm
Motor power		2.2 kw	4 kw	7.5 kw
Distance from the surface of lower anvil to guide bottom		240 mm	224 mm	300 mm
Horizontal dimensions of the upper and lower anvil (LxW)		100x50mm	120x50mm	145x65mm
Mass of the anvil block		250 kg	480 kg	780 kg
Total mass of the hammer (kg)		470 kg	820 kg	2000 kg
Package size (mm)	1/2	1100x650x1400	1280x750x1670	1630x870x1975
	2/2	520x400x810	880x880x400	960x810x910



C41-25/40/75

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PRESS MACHINE

OPEN BACK INCLINABLE PRESS

Specifications	Unit	Model								
		J23-3.15	J23-6.3	J23-10	J23-16	J23-25	J23-40	J23-63	J23-80	J23-100
Rated pressure	KN	31.5	63	100	160	250	400	630	800	1000
Slide travel (Adjustable Range)	mm	25	35	45	55	65	80	100	120	130
Travel times	Min^{-1}	200	170	145	120	55	45	40	40	38
Max.die set height	mm	90	120	100	180	200	265	310	300	380
Die set height adjustment	mm	25	30	35	45	55	65	80	80	100
Distance from slide block centre to the frame	mm	90	110	130	160	200	250	310	310	380
Worktable dimensions	F-B mm	60	200	240	300	366	440	570	570	710
	L-R mm	250	310	370	450	560	685	860	860	1080
Dimensions of slide block bottom surface	F-B mm	90	120	150	180	210	245	340	340	370
	L-R mm	100	140	170	200	250	300	400	400	450
Size of handle hole mm	Diameter	25	25	30	40	40	50	50	50	60
	Depth	40	55	55	60	70	70	80	80	75
Inclinable Angle of body	°	45	45	35	35	30	30	30	30	30
Motor (kw)	Type	Y180L-4	Y90L-6	Y90L-6	Y100L-6Y	Y100L-4	Y132S-4	Y132M-4	Y132M-4	Y180L-6
	Power	0.55	0.75	1.1	1.5	2.2	5.5	7.5	7.5	15
Overall dimension (mm)	Length	674	730	895	1130	1345	1685	1940	1940	2470
	Width	489	550	713	834	1150	1325	1502	1502	1735
	Height	1323	1503	1653	1890	2130	2470	2870	2870	3020
Weight	kg	194	400	576	1055	1780	3540	5600	6000	10300



J23



J23W

OPEN BACK INCLINABLE PRESS WITH ADJUSTMENT STROKE

Specifications	Unit	Model						
		J23-10W	J23-16W	J23-25W	J23-40W	J23-63W	J23-80W	J23-100W
Rated pressure	KN	100	160	250	400	630	800	1000
Slide travel (Adjustable Range)	mm	0~45	0~55	0~65	0~80	0~100	0~120	0~130
Travel times	min^{-1}	145	120	55	45	40	40	38
Max.die set height	mm	100	180	200	265	310	300	380
Die set height adjustment	mm	35	45	55	65	80	80	100
Distance from slide block centre to the frame	mm	130	160	200	250	310	310	380
Worktable dimensions	F-B mm	240	300	366	440	570	570	710
	L-R mm	370	450	560	685	860	860	1080
Dimensions of slide block bottom surface	F-B mm	150	180	210	245	340	340	370
	L-R mm	170	200	250	300	400	400	450
Size of handle hole mm	Diameter	30	40	40	50	50	50	60
	Depth	55	60	70	70	80	80	75
Inclinable Angle of body	°	35	35	30	30	30	30	30
Motor (kw)	Type	Y90L-6	Y100L-6	Y100L-4	Y132S-4	Y132M-4	Y132M-4	Y180L-6
	Power	1.1	1.5	2.2	5.5	7.5	7.5	15
Overall dimension (mm)	Length	895	1130	1345	1685	1940	1940	2470
	Width	713	834	1150	1325	1502	1502	1735
	Height	1653	1890	2130	2470	2870	2870	3020
Weight	kg	620	1200	1950	3980	5800	6200	10600

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PRESS MACHINE

JF21 SERIES PRESS WITH DRY PNEUMATIC FRICTION CLUTCH AND SHEARING BLOCK PROTECTOR

Specifications	Unit	JF21-63	JF21-80	JF21-110	JF21-160	JF21-200	JF21-250	JF21-315	JF21-400
Rated pressure	KN	630	800	1100	1600	2000	2500	3150	4000
Slide travel (Adjustable Range)	mm	120	140	160	200	250	250	250	250
Travel times	min^{-1}	70	60	50	30	30	30	30	30
Max.die set height	mm	300	320	350	380	450	500	500	500
Die set height adjustment	mm	80	80	90	100	110	120	120	120
Distance from slide block centre to the frame	mm	300	290	350	390	430	450	450	450
Worktable dimensions	F-B mm	580	560	680	760	840	880	880	860
	L-R mm	860	1000	1070	1170	1390	1500	1540	1610
Dimensions of slide block bottom surface	F-B mm	400	420	520	580	650	700	700	700
	L-R mm	480	560	620	700	880	950	950	950
Size of handle hole mm	Diameter	50	50	50	65	65	65	65	65
	Depth	80	80	75	90	100	100	100	100
Motor (kw)	Type	Y132M-6	Y160M-6	Y160L-6	Y180L-6	Y200L-6	Y200L-6	Y225M-6	Y250M-6
	Power	5.5	7.5	11	15	18.5	22	30	37
Overall dimension (mm)	Length	1800	1850	2010	2280	2690	2840	3060	3060
	Width	1210	1280	1430	1540	1630	1680	1720	1920
	Height	2580	2580	3040	3240	3810	3915	3960	3960
Weight	kg	7000	9200	11000	17000	20000	23000	28500	32000







JH21 SERIES PRESS WITH WET PNEUMATIC FRICTION CLUTCH AND HYDRAULIC SAFETY DEVICE

Specifications	Unit	JH21-63	JH21-80	JH21-110	JH21-160	JH21-200	JH21-250	JH21-315	JH21-400
Rated pressure	KN	630	800	1100	1600	2000	2500	3150	4000
Slide travel	mm	120	140	160	200	250	250	250	250
Travel times	min^{-1}	70	60	50	30	30	30	30	30
Max.die set height	mm	300	320	350	380	450	500	500	500
Die set height adjustment	mm	80	80	90	100	110	120	120	120
Distance from slide block centre to the frame	mm	300	290	350	390	430	450	450	450
Worktable dimensions	F-B mm	580	560	680	760	840	880	880	860
	L-R mm	860	1000	1070	1170	1390	1500	1540	1610
Dimensions of slide block bottom surface	F-B mm	400	420	520	580	650	700	700	700
	L-R mm	480	560	620	700	880	950	950	950
Size of handle hole mm	Diameter	50	50	50	65	65	65	65	65
	Depth	80	80	75	90	100	100	100	100
Motor (kw)	Type	Y132M-6	Y160M-6	Y160L-6	Y180L-6	Y200L-6	Y200L-6	Y225M-6	Y250M-6
	Power	5.5	7.5	11	15	18.5	22	30	37
Overall dimension (mm)	Length	1800	1850	2010	2280	2690	2840	3060	3060
	Width	1210	1280	1430	1540	1630	1680	1720	1920
	Height	2580	2580	3040	3240	3810	3915	3960	3960
Weight	kg	7000	9200	11000	17000	20000	23000	28500	32000

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PRESS MACHINE

JL 21 SERIES OPEN BACK FIXED TABLE PRESS OF ADJUSTABLE STROKE

- Welded body with steel plate and high intensity.
- Combined pneumatic friction clutch and brake.
- Slide stroke adjusted by air cylinder.
- Eight-face slide guide.
- Equipped with hydraulic overload protecting device.
- Electric compelling oil lubrication system.
- JL21-63 and above type adopts electric shut height Adjustment with digital display.
- Equipped with lifting balance cylinder device.
- Duplex valves imported from Japan.
- Control by PLC with international brand.
- Buttons, indicators, AC contactors, air circuit breakers and other controlling devices are imported from international brand.
- Equipped with optional air cushion device, automatic feed shaft and photoelectric protector, which can use to work with various automatic equipments.



Specification		JL21-25	JL21-45	JL21-63	JL21-80	JL21-110	JL21-125	JL21-160	JL21-200	JL21-250
Nominal force (kN)		250	450	630	800	1100	1250	1600	2000	2500
Stroke under nominal force (mm)		3	4	4	5	6	6	6	6	8
Slide block stroke (mm)		10-110	10-120	10-150	10-150	10-160	10-160	16-160	19-180	21-220
Number of stroke (S.P.M)	Fixed	100	80	70	60	50	50	40	35	30
	Variable (Optional)	80-120	70-90	60-80	50-70	40-60	40-60	35-50	30-50	25-40
Max. die set height (mm)		250	270	300	320	350	350	350	450	500
Die height adjustment (mm)		50	60	80	80	80	80	110	110	120
Depth of throat (mm)		210	230	300	300	350	350	380	390	420
Distance between upringhts (mm)		450	550	620	640	710	760	810	870	960
Size of table (mm)	L-R	700	810	900	1000	1150	1150	1300	1400	1400
	F-B	400	440	580	580	680	680	740	760	800
	Thickness	80	110	110	120	140	140	150	160	170
Dimensions of worktable hole (mm)		Φ170x20xΦ150	Φ180x30xΦ160	Φ200x40xΦ180	Φ200x40xΦ180	Φ260x50xΦ140	Φ260x50xΦ140	Φ300x50xΦ260	Φ300x50xΦ260	Φ320x50xΦ280
Bottom size of slide (mm)	L-R	360	600	680	710	810	810	920	920	970
	F-B	300	360	400	440	500	500	580	600	650
Hole for punch shank (mm)	Diameter	Φ40	Φ40	Φ50	Φ50	Φ60	Φ60	Φ65	Φ65	Φ70
	Depth	60	60	80	80	80	80	90	90	90
Motor power (kW)		3	5.5	7.5	7.5	11	11	15	18.5	22
Overall dimension (mm)	F-B	1460	1600	1680	1750	1850	1850	2250	2500	2730
	L-R	950	1100	1200	1250	1400	1450	1560	1580	1640
	Height	2380	2800	3050	3150	3250	3250	3765	3420	3550
Net weight (kg)		3100	4350	6500	8500	10800	11500	15000	16500	24500

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PRESS MACHINE

JW 31 SERIES STRAIGHT-SIDE SINGLE POINT FIXED BOLSTER PRESS

Specifications		JW31-160	JW31-200	JW31-250	JW31-315	JW-31-400	JW-31-500
Nominal capacity (KN)		1600	2000	2500	3150	4000	5000
Nominal (mm)		6	6	6	8	10	10
Slide Stroke (mm)		200	250	250	250	270	270
Slide Strokes Per Minute	Fixed	45	45	30	30	25	20
	Variable	35-45	25-45	20-30	20-30		
Max height with mode (mm)		400	450	500	550	600	650
Die Height Adjustment (mm)		110	110	120	120	120	120
Bolster Size (mm)		750x1100	780x1250	820x1220	880x1280	900x1400	1000x1500
Bolster Thickness (mm)		165	180	190	190	200	200
Slide Bottom Size (mm)		650x850	650x900	720x950	750x1000	800x1050	800x1400
Handle Hole (Diameter x Depth)		Φ65x90	Φ65x90	Φ70x90	Φ70x90	Φ80x90	Φ90x100
Column distance (mm)		1240	1290	1350	1400	1600	1700
Side Hole (mm)		760x350	800x370	820x430	880x480	920x520	1010x650
Motor Power (KH)		15	18.5	22	30	37	45
Size of machine (mm)		2510x1890x3500	2570x1940x3730	2950x2100x3870	3150x2140x4000	3430x2400x4210	3670x2580x4600
Weight (kgs)		21000	25500	32000	37500	43500	54000



JW31-160



JW-36-250

JW36 STRAIGHT-SIDE TWO POINTS FIXED BOLSTER PRESS

Specifications		JW36-110	JW36-160	JW36-200	JW36-250	JW36-315	JW36-400	JW36-500
Nominal capacity (KN)		1100	1600	2000	2500	3150	4000	5000
Nominal (mm)		5	6	7	7	7	8	10
Slide Stroke (mm)		180	200	250	280	300	300	350
Slide Strokes Per Minute	Fixed	65	55	45	35	35	25	20
	Variable	35-65	30-55	25-45	25-35	25-35	20-25	15-20
Maximum Die Set Height (mm)		400	450	500	550	550	600	650
Die Height Adjustment (mm)		90	100	110	120	120	120	120
Column distance (mm)		1770	1970	2370	2470	2570	2670	3150
Bolster Size (mm)		680x1700	760x1900	840x2300	920x2400	1000x2500	1100x2600	1200x3000
Bolster Thickness (mm)		155	165	170	180	190	200	210
Side Hole (mm)		700x350	780x400	860x450	940x460	1020x460	1120x550	1380x600
Slide Bottom Size (mm)		580x1400	660x1600	740x2000	820x2100	900x2200	1000x2400	1000x2700
Bolster Surface Height (mm)		900	900	1000	1100	1100	1100	1100
Overall Dimensions		2050x2670x3100	2380x2890x3340	2630x3310x3730	2920x3430x4110	3100x3550x4220	3250x3670x4300	3400x4500x4690
Motor Power (Kw)		11	18.5	22	30	37	45	55
Weight Approximate (kgs)		19000	25000	33000	41000	45000	50000	63000

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CNC WIRE-CUT EDM



Specification:	GRT-350CZT
X,Y travel	350X400mm
Dimension of worktable	540X730mm
Max. Cutting thickness	400mm
Carrying capacity:	500kgs
Max. Taper (degree/thickness)	6 degree/50mm
Max. Cutting speed :	150mm2/min
Optimum surface	Ra< 1.0um
Range of wire diameter	0.10~0.20mm
Wire travel speed	1 ~ 15m/s (Speed adjusted by inverter)
Dielectric solution	Ointment (ratio 1:40)
Dielectric tank capacity	100 liter
Max. Working current	8A
Power supply	2-N 50HZ /60HZ 220VAC
(Option : 3-N 50HZ/60HZ 220VAC, 3-N 50HZ/60HZ 380VAC)	
Power consumption	1.5KW
Controller Packing	750*780*2020MM
Machine Packing	1890*1280*2050mm
Machine Weight	1580Kgs (1580+ 190+ 110= 1880kgs)
Machine accuracy	China standard GB/T7926 - 2005

CONTROLLER FEATURE:

Industrial computer, multi-CPU system, LED display.
Multi-cut system to improve cutting surface and accuracy.
Intelligent expert system, just input thickness, material and roughness, then, system will calculate and set cutting parameters automatically. The parameters include pulse value, cutting times, offset for each time, intelligent stabilizer, short circuit diagnose ,wire speed and dynamic spectrum display of the machining wave form. This makes operation much easy and save experience.
Graphic programmer including mirror, move, rotate, divide, scale, zoom, line, circle, radii, standard curve, special curve, gear, tangent line & circle, trim, clear, offset, and smooth radii, etc.
Accept DXF files from AutoCAD or other CAD/CAM by USB or other way

MACHINE FEARURE

Closed structure makes machine clean, low noise and environmental.
The machine work table is designed for the full support structure (ie, the design of the machine center structure), and adopts imported linear guide to ensure high durability and high rigidity.
Untouched sensor and inverter keep durable and low noise.

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HIGH-GRADE INTELLIGENT WIR-CUT WEDM

Feature



1.1 Important Idex

1) Best Roughness: Ra≤1.0um
2) Absolute dimensional accuracy error: ≤ ±0.005mm
3) Continually cutting consistancy error: ≤0.005mm
4) Olive shape error: ≤0.005/100 mm

1.2 Important core technology: (China's first, completely Independent intellectual property rights)

1) Multi – CPU intelligent expert operating system;
2) Wire intelligent dynamical control system;
3) Iintelligent library control system for wire

1.3Mechanical performance of machine:

1) National invention patent, all digital and fully closed loop intelligent tension control system. (Independent patent)
2) Domestic initiative, independent research and development, multi-CPU intelligent expert control system
3) China's first, the electrode wire intelligent operation control system. (Independent patent)
4) Machine structure is C type colum, machine table is similar to brass wire machine.
5) Adopt THK linear guide way, precision ball screw;
6) Table tank with door for good looking and easy operation;
7) The guide of wire cylinder adopts wear-resistance film (TURCITE), wire speed adjusted by inverter, reversing by promity.
8) Patented water-proof crystal guide wheel (Independent patent)
9)while Z axis up or down, no need to adjust wire or wire can be adjust adaptively.

Main Specification:

Model	GRT-540	GRT-590	GRT-680
Table size mm	540 × 730	590 × 900	680 × 1000
Travel mm	350 × 400	400 × 500	500 × 630
Max. Cutting thickness mm	250mm(Option 400mm)	400	400
Max. Load Kg	500	800	1000
Max. Taper °	6 degree/50mm	12	
Min increament mm	0.001		
Wire Speed m/s	1-15(adjustable by inverter)		
Overall cutting speed mm^2/min	60	80	
Max. Cutting mm^2/min	150	250	
Best roughness Ra	1.0	1.0	
Wire diameter mm	0.10~0.20	0.08~0.20	
Overall accuracy mm	0.01		
Driver	AC Servo (Or Step motor)	X,Y Panasonic AC servo	
Machine Net weight KG	1580	1900	2900
Tank volume L	100		
Travel of wire cylinder mm	250		
Packing size mm	1890*1280*2050	1950*1500*2340	2120*1760*2530

Specification of Control system:

Model	GK-5H
Computer	Industrial PC
Memory	DOM、USB
Display	17" LED
Input	keyboar、USB、net
Internal memory	256M
Language	English
Interpolation function	Line, arc
Size format	Metric, inch
Voltage for pulse	50—100V (adjustable)
Control axes	4 axes
increament	1 μ m
Max. Arc	10M
Output code	3B、ISO
Max. Cutting current	8A
Pulse width	2—62us
Pulse wave form	Rectangle, grouping
Size	600 × 500 × 1800mm
Packing size	800 × 700 × 1900mm

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ZNC EDM MACHINE

STANDARD CONFIGURATION OF EDM MACHINES

1.Z-axis adopts Swiss linear slide rails or those of equivalent level, uses Japanese NSK precision bearing, ensuring accuracy and durability.

2. X and Y axis adopt imported or equivalent ball screws, Z axis uses plastic nut.

3. Original Japan-made SANYO servo motors

4. W-axis motor Reducer(1:25 60W or 90 W)

5. Taiwan-made Grundfos pumping motors

6. Taiwan quartz lamp, fire extinguisher, level switch, sealer, hydraulic, high-pressure oil pump, pressure gauge, etc.

7. Taiwan precision hand wheel, dial series

8. Imported strainer(2 pieces)

9. Three-axis precision optical ruler (1μ / 5 μ)



Item	Unit	EDM300	EDM350	EDM450	EDM550	EDM760
Workbench stroke	mm	300*200	350*250	450*350	550*450	700*600
Servo and auxiliary stroke of Z axis	mm	200+0	200+200	210+200	250+300	300+350
Area of the workbench	mm	500*250	600*350	700*400	800*520	1000*600
Volume of the oil tank	mm	760*500*320	1140*565*350	1370*670*450	1560*790*500	1900*1000*600
Maximum distance between the workbench and the spindle	mm	330	410	520	700	900
Maximum weight of the electrode	kg	60	120	150	170	230
Maximum load bearing of the workbench	kg	500	800	1000	1300	2500
Total machine weight (include electric box)	kg	1100	1500	2000	2400	3200

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CNC ENGRAVING AND MILLING MACHINE

STANDARD CONFIGURATION



1.Equipped with the guide made by HIWIN and PMI in Taiwan for the triaxis

2.Equipped with the special matching screw bearing made in Japan for the Triaxis

3.Equipped the oil cooling system and timing quantitative automatic brication system for the spindle lubrication

4.Equipped with the SYNTEC system from Taiwan

5.The servo motors from Japan

6.Equipped with the spraying coating and enclosed sheet metal and stainless Steel shield

7. R+W couplings from Germany












Item	EM5040	EM5060	EM6050	EM6070	EM7080	EM7090
3 Axis stroke(mm)	500*400*180	500*600*200	600*500*230	600*700*300	700*800*300	700*900*350
Table size (mm)	550*450	500*600	620*550	620*700	700*800	700*900
Table load capacity9(kg)	300	350	400	450	500	550
Feeding height (mm)	240	260	260-300	350	350	400
Feeding speed (mm)	560	560	670	670	780	780
Spindle power(KW)	2.2	3.5	4.0	4.5	5.5	7.5
holder	ER20	ER20	ER25	ER25	ER32	ER32
Spindle speed	600-24000	600-24000	600-21000	600-21000	600-18000	600-15000
Triaxis guide	25H (CLASS)	25H (CLASS)	30H (CLASS)	30H (CLASS)	35H	35H
Triaxis screw	2505	2505	3205	3205	3606	3606
Triaxis servo	400*3	750*3	850*1-750*2	850*3	1300*1+850*2	1300*1+850*2
Positioning accuracy	0.01	0.01	0.01	0.01	0.01	0.01
Repositioning accuracy	0.005	0.005	0.005	0.005	0.005	0.005
Machine weight	1.8	2.1	2.6	2.9	3.6	4.0
Overall dimension	1650*1780*1900	1650*1900*2000	2000*1900*2200	2000*1950*2200	2200*2300*2500	2200*2400*2500

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SHAPING MACHINE & SLOTTING MACHINE

SHAPING MACHINE


SH635A


SH6050


SH6063/SH6066


SH6085


SH60100


SHY60100(Hydraulic)

Model		SH635A	SH6050	SH6063/SH6066	SH6085	SH60100	SHY60100
Maximum planning length (mm)		350	500	630/660	850	1000	1000
Max.range of the borizontal movement of table (mm)		330	370	385	400	400	80-400/380
Max.distance between the ram bottom and table (mm)		400	525	630	710	800	800
Max.length of the vertical movement of table (mm)		270	270	360	360	380	
Dimensions of table top(L x W) (mm)			500x360	630x400/660x40	800x450	1000x500	1000 x 500
Travel of tool head (mm)		110	120	120	160	160	160
Number of ram strokes per minute (times/min)		32, 50, 80, 125	14-80	14, 20, 28, 40, 56, 80	17, 24, 35, 50, 70, 100	15, 20, 29, 42, 58, 83	Stepless
Swivel of tool head		± 60	± 60	± 60	± 60	± 60	
Number of ram reciprocation per minute (mm)		20 x 30	20 x 30	20 x 30	20 x 30	30 x 45	30 x 45
Range of table feed	Horizontal (mm)		0.2-2.5	0.2 – 2.5	0.25-3	0.3-3	
	Vertical (mm)		0.08-1.0	0.08 – 1.00	0.12-1.5	0.15-0.5	
Width of the T-slot for center positioning (mm)		14	18	18	22	22	22
Power of the main motor (kw)		1.5	3	3	5.5	7.5	7.5
Overall dimensions(L x W x H) (mm)		1530x930x1370	2000x1250 x1400	2000x1300x1550, 2357x1225x1480	2950x1325 x1693	3640x1575 x1780	4140x1550 x1850
N.W / G .W (kg)		1000/1200	1650/1760	1750/1870, 1800/1920	2940/3090	4870/5150	4200/4350

SLOTTING MACHINE

Model	SL5012	SL5013
Max. clamping workpiece dia.for the worktable	420mm	----
Max. clamping workpiece height for the worktable	120mm	----
The max. travel for the cutter arbor	120mm	----
Maximum Stroke	----	125 mm
Ram stroke(strokes/min)	----	30-350(6 steps)
Work table size	200 x 400 mm	600 x 240 mm
Work table longitudinal travel	120mm	130 mm
Work table cross travel	240mm	340 mm
T-slot	----	14 mm
Head swivel(Right & Left)	----	90
Motor power	1.1KW	0.25KW
Packing size	100 x 65 x 100 cm	109 x 112 x 79 cm
N.W./G .W.	196/220 kg	330/380 kg


SL5012


SL5013

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SHAPING MACHINE & SLOTTING MACHINE

SLOTTING MACHINE



SL5032D



SL5040Q



SL5050C

Specification	SL5020D	SL5032D	SL5040Q	SL5050C
Max slotting length (mm)	200	320	400	500
Max dimensions of workpiece (L x H) (mm)	485 x 200	600 x 320	600 x 320	
Max weight of workpice (kg)	400	500	500	2000
Table diameter (mm)	500	630	630	1000
Max longitudinal travel of table (mm)	500	630	620	1000
Max cross travel of table (mm)	500	560		660
Range of table power feeds (mm)	0.052-0.738	0.052-0.738	0.052-0.783	5, 9, 12, 18, 25, 36, 50
Main motor power (kw)	3	4	4	7.5
Overall dimensions (L x W x H) (mm)	1836x1305x1995	2180x1496x2245	2290x1525x2285	3480x2085x3307

CNC SLOTTING MACHINE



BK5018



BK5018 with full-closed safety cover

Specification	BK5018
Ram maximum slotting length (mm)	180
Ram stroke adjustment (mm)	100
Ram movement times (n/min)	45/60/90
Work table size (mm)	600 x 320
Travel of table (X, Y) (mm)	460 x 320
The knife head supporting hole axis to column forearm distance (mm)	400
The knife head supporting hole end to table working distance (mm)	480
X to the motor torque (N.M)	6
Y to the motor torque (N.M)	6
Fast moving (m/min)	5
Ball screw (X)	FFZD3205-3/P4
Ball screw (Y)	FFZD3205-3/P4
The main motor power (kw)	1.5/2/2.2
Machine weight (kg)	1800
Overall Dimensions (W x L x H) (mm)	2150 x 2150 x 2200

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PIPE THREADING MACHINE



PTM50E



PTM80C1



PTM100F

Model	PTM50E	PTM80C1	PTM100F
Voltage	110V/220 V	110V/220 V	110V/220 V
Motor Power	1500 W	1500 W	1500 W
Capacity	1/4 – 2"/ 6 – 50 mm	1/4 – 3" / 6 – 80 mm	1/4 – 4" / 6 – 100 mm
Rod Threading Capacity	M12 - M50	M12 – M80	M12 – M100
Speed	38 rpm	32 rpm	36/20/11 rpm
Net Weight	75 kg	90 kg	150 kg
Packing Dimension	800 x 560 x 470 mm	790 x 630 x 490 mm	920 x 700 x 660 mm

HYDRAULIC ROLL GROOVER FOR 12" STEEL PIPE

Model	HRG12E	HRG12D2
Voltage	110V / 220V	110V / 220V
Motor Power	750 W	1100 W
Capacity	2"- 12" Sch. 10 Steel, Stainless Steel	2"- 6" Sch. 10/40 Steel, Stainless Steel
Spindle Speed	24 rpm	24 rpm
Net Weight	120 kg	140 kg



HRG12E



HRG12 D/2

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THREAD ROLLING MACHINE



Z28-50



Z28-150B



Z28-200



Z28-215



Z28-315



Z28-615

Model	Z28-50	Z28-150B	Z28-200	Z28-215	Z28-315	Z28-615
Rolled Thread Range	Φ 6 – 42 mm		Φ 5 – 65 mm	Φ8 – 100 mm	Φ 8 –110 mm	Φ 20 – 125 mm
Spindle Power	11 kw	7.5 kw + 2.2kw(H)	11 kw + 2.2kw(H)	11 kw + 5.5kw(H)	15 kw + 5.5kw(H)	22 kw + 7.5kw(H)
Dimension	1600x2200x1350 mm	1550x1550x1450 mm	2500x1450x1650 mm	2150x1800x1600 mm	2150x1800x1600 mm	2650x2650x1700 mm
Weight	1800 kg	2000 kg	2800 kg	3800 kg	4500 kg	8200 kg

3 AXIS THREAD ROLLING MACHINE



ZP28-T16



ZP28-30



ZP28-65

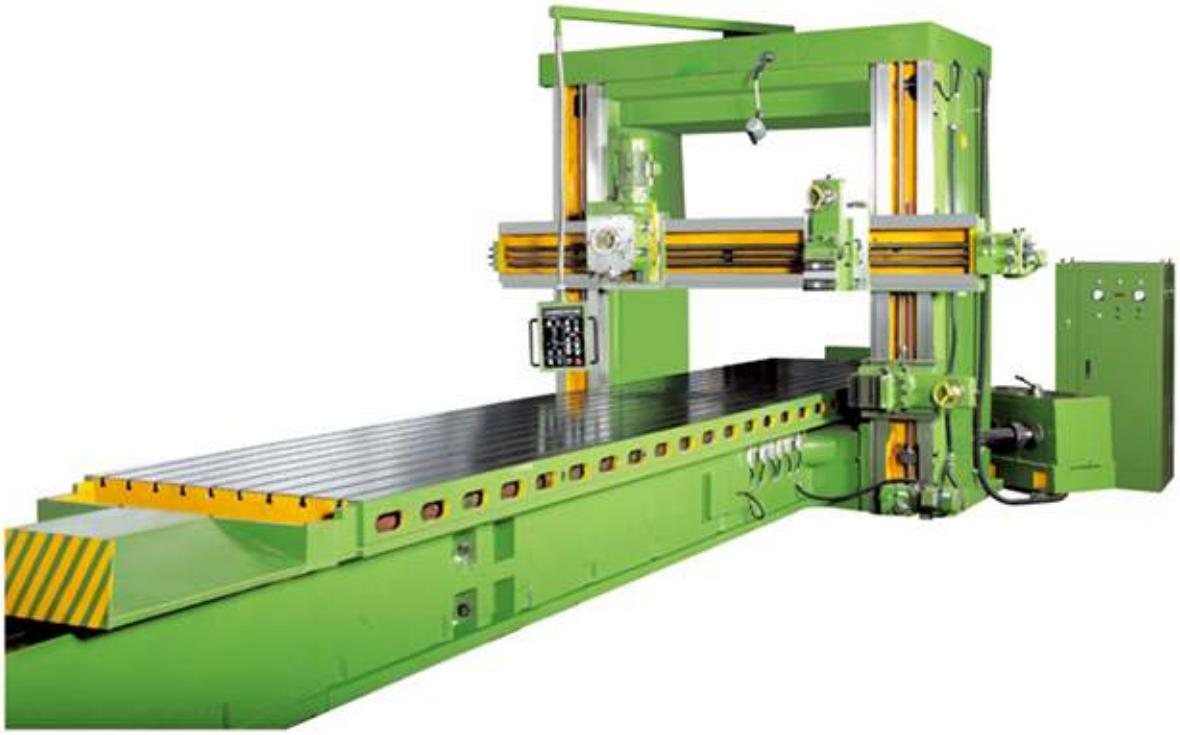


ZP28-100

Model	ZP28-T16	ZP28-30	ZP28-65	ZP28-100
Rolling Motor	22 kw	4 kw	11 kw	15 kw
Rolling Motor	7.5 kw	2.2 kw	4kw – 4	5.5 kw
Rolling Motor	Φ230 - Φ 270 mm	Φ80 - Φ110 mm	Φ125 -Φ160 mm	Φ170 - Φ220 mm
Processing scope	Φ 50 - 160 mm	Φ16 - 50 mm	Φ24 – 90 mm	Φ40 - 110 mm
Rolling pitch	1 – 16 mm	M1 – M6 mm	0.5-M8 mm	M1 – M12 mm
Speed	0 – 20 r/min	37-79 r/min	0-50 r/min stepless speed change	stepless speed change
Unit quality	11500 kg	1400 kg	3200 kg	6000 kg
Dimensions	4300x2200x2300 mm	1100x1000x1200 mm	1500x1600x1750 mm	2200x1700x2000 mm

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GANTRY PLANER MILLING MACHINE



LIGHT TYPE GANTRY PLANER MILLING MACHINE

MODEL		GSML2010A	GSML2013A	GSML2013C	GSML2016B	GSML2016D	GSML2017B	GSML2017C	GSML2017D
Max. allowable dimension of the work piece(mm)	Length	3000	3000	4000	4000	6000	8000	10000	12000
	Width	1000	1300	1300	1600	1600	1700	1700	1700
	height	1000	1000	1000	1200	1200	1500	1500	1500
Max. weight of processing (kg)		3000	5000	6000	6000	8000	10000	12000	15000
Power (kw)		15	15	22	22	22	30	30	37
Table (mm,mm,m/min)	Length	3000	3000	4000	4000	6000	8000	10000	12000
	Width	700	900	900	1200	1200	1300	1300	1300
	Speed	0.08-30 Stepless							
Dis.between columns		1040	1320	1320	1620	1620	1720	1720	1720
Up&down speed of beam		360							

HEAVY TYPE GANTRY PLANER MILLING MACHINE

MODEL		GSMH2016A	GSMH2016B	GSMH2016C	GSMH2016D	GSMH220A	GSMH220B	GSMH220C	GSMH220D	GSMH220E
Max. allowable dimension of the work piece(mm)	Length	3000	4000	6000	8000	4000	6000	8000	10000	12000
	Width	1600	1600	1600	1600	2000	2000	2000	2000	2000
	height	1200	1200	1500	1500	1500	1500	1500	1500	1500
Max. weight of processing (kg)		6000	8000	10000	12000	10000	12000	14000	16000	18000
Power (kw)		22	22	30	37	30	30	37	37	45
Table (mm,mm,m/min)	Length	3000	4000	6000	8000	4000	6000	8000	10000	12000
	Width	1200	1200	1200	1200	1600	1600	1600	1600	1600
	Speed	0.008-30 Stepless								
Dis.between columns		1620				2020				
Up&down speed of beam		360								

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FLOOR TYPE BORING AND MILLING MACHINE



TX6216E

Type	unit	TX6216E	TX6216E/1	TX6216E/2	TX6216E/3	TX6216E/4	TX6216E/5
Boring axisdiameter	mm	160	160	160	160	160	160
Boring axis taper hole		80	80	80	80	80	80
Boring axis rotate speed (no grade)	r/min	1.8-500	1.8-500	1.8-500	1.8-500	1.8-500	1.8-500
Boring axis feeding scope	mm/min	0.45-1500	0.45-1500	0.45-1500	0.45-1500	0.45-1500	0.45-1500
Boring axis stroke(Z)	mm	1200	1200	1200	1200	1200	1200
Max.boring axis feeding force	N	39200	39200	39200	39200	39200	39200
Max. boring axis torque	Nm	4900	4900	4900	4900	4900	4900
Headstock stroke (Y)	mm	2000	2000	2000	3000	3000	3000
Headstock feeding scope	mm/min	5-1500	5-1500	5-1500	5-1500	5-1500	5-1500
Front column stroke(X)	mm	4000	6000	8000	4000	6000	8000
Front column feeding scope	mm/min	5-1500	5-1500	5-1500	5-1500	5-1500	5-1500
Platform loading capacity	t/m^2	15	15	15	15	15	15
Main motor power	KW	30	30	30	30	30	30
Feeding motor power	KW	7.5	7.5	7.5	7.5	7.5	7.5
Overall dimension (length width height)	mm	8020* 8802* 6000	10200* 8802* 6000	12200* 8802* 6000	8020* 8802* 7000	10200* 8802* 7000	12200* 8802* 7000
Machine weight	t	67	76	85	69	80	90

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CNC FLOOR TYPE BORING AND MILLING MACHINE



Model	TK6916	TK6920
1. Spindle		
Diameter of boring spindle	Φ160mm	Φ200mm
Diameter of milling spindle	Φ280mm	Φ320mm
Taper hole of boring spindle	Metric 80	Metric 100
Rotational speed of boring and milling spindle (stepless)	2-650r/min	2-650r/min
Feed range of boring spindle (stepless)	0.5-3000mm/min	0.5-3500mm/min
Rapid speed of boring spindle	3000mm/min	3500mm/min
Maximum axial travel of boring spindle	1200mm	1200mm
Maximum diameter of boring hole	Φ750mm	
2. Square ram		
End surface size	440x440mm	530x530mm
Feed range (stepless)	0.5-3000mm/min	0.5-3500mm/min
Maximum axial travel	800mm	1200mm
Rapid speed	3000mm/min	3500mm/min
3. Headstock		
Maximum vertical travel (Y axis)	3000mm	4000mm
Feed range (stepless)	1-3000mm/min	1-4000mm/min
Rapid speed	3000mm/min	4000mm/min
4. Front column		
Maximum horizontal travel (X axis)	6000mm	8000mm
Feed range (stepless)	1-4000mm/min	1-6000mm/min
Rapid speed	6000mm/min	6000mm/min
5. Platform		
Dimension of platform	4500x1800x400	4500x1800x400
Area (length x width)	3600x4500mm	9000x4500mm
Maximum loading capacity	15t/m^2	15t/m^2
6. Overall dimension of the machine		
(length x width x height)	10200x8802x7000mm	13800x9970x8840mm
Overall weight	85t	115t

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METAL FORMING MACHINE

METAL SHEARING TOOLS



PBS-9

Model		PBS-9
Max.punching capacity(mm)		8.0
Throat depth(mm)		160
Punch mold&die(mm)		55×34×18
Capacity (mm) (mild steel)	Round steel	22
	Square steel	20
	Flat steel	90×14
	Angle steel	60×7
	T-steel	60×7
	Plate steel	10
Body packing size (cm)		110×36×92
Handle packing size (cm)		120×16×12
N.W./G.W.(kg)		130/158

HAND SHEAR

Model	HS-500	HS-800	HS-1000	HS-1300
Bed width(mm)	500	800	1000	1300
Max.shearing thickness(mm)	1.5	1.5	1.5	1.5
Packingsize(cm)	77×27×42	112×28×54	138×28×54	170×28×54
N.W./G.W.(kg)	37/40	41/55	52/70	70/92



HS-800

GUILLOTINE SHEAR

Model	GS-1000	GS-1000I	KHS-1000	KHS-1250	TSC-1010/1.6
Bed width(mm)	1000	1000	1000	1250	1010
Max.shearing thickness (mm)	1.0	1.0	1.0	1.0	1.6
Construction	steel plate	cast iron	steel plate	steel plate	steel plate
Table height (mm)	800	760	750	750	760
Packing size(cm)	155×100×58	165×105×50	187×110×69	202×110×69	150×105×116
N.W./G.W.(kg)	238/295	385/445	460/510	560/670	345/440



GS-1000



GS-1000I



KHS-1000/1250



TSC-1010/1.6

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METAL FORMING MACHINE

MULTI-PURPOSE MANUAL SHEAR



MMS-1 MMS-2 MMS-3 MMS-4

Model	MMS-1	MMS-2	MMS-3	MMS-4
Max.shearing thickness (mm)	1.5	2.0	3.0	2.0
Max.shearing width(mm)	-	-	-	70mm
Max shearing radius(mm)	-	-	-	-
Packing size(cm)	40×15×16	19×18×24	32×24×34	26×19×40
N.W./G.W.(kg)	2/2.5	9/10	21/22	7/8

HAND NOTCHER



HN-3 HN-4

Specification	HN-3	HN-4
Capacity	3 tons	4 tons
Thickness(mm)	1.5	1.6
Punches (mm)	125×125	152×152
90°angle (mm)	125×125	152×152
Ram stroke (mm)	25	20
NW/GM(kg)	22/30	75/85
Packing size (cm)	47×39×44	61×57×56

Specification	Capacity	NW/GW(kg)	Packing size (mm)
RA-1	1/4",3/8",1/2"	6.5/7.5	50×18×16
RA-2	3/4",1",1-1/4"	8/10	50×18×16
RA-3	1-1/2",2"	14/16	50×18×16
PTN12U	3/4",1",1-1/4", 1-1/4",1-1/2",2"	62/68	86×40×45



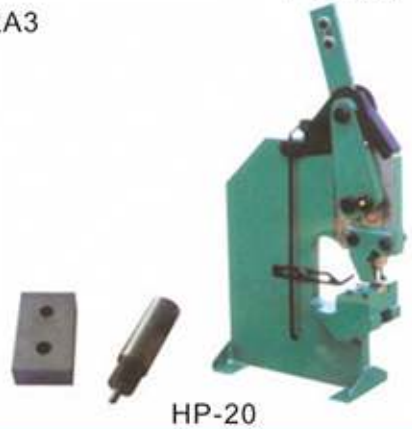
RA1,RA2,RA3



PTN12U

HAND PUNCHER

Specification	HP-20
Max punching capacity(mm)	Thickness 8
Throat depth (mm)	160
Punching mold & Die (mm)	55×34×18
NW/GW (kg)	74/80
Packing size (cm)	52×23×92 body 184×4.5×8 handle



HP-20

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METAL FORMING MACHINE

ARBOR PRESS



AP-1/2



AP-2



AP-3



AP-5

Specification	capacity	Max height & Dia	Largest arbor	Ram square	Press HT	Base size	NW/GW	Packing size
AP-1/2	1/2	90×80	26	19×19	280	240×170	11/12	26×12×29
AP-1	1	110×100	29	25×25	355	268×190	15/16	29×14×35
AP-2	2	180×123	40	32×32	445	432×260	36/38	46×20×45
AP-3	3	285×163	44	38×38	615	455×300	63/65	46×24×64
AP-5	5	400×226	70	50×50	815	645×176	155/166	76×37×95

HYDRAULIC TUBE BENDER

Specification:HB-10
Hydraulic bender 1/2"-2"
*Horizontally lay-up bending configuration
*Can work through out the whole ram stroke
*With automatic return
*Capable of bending low-carbon steel pipe stainless steel pipe
nonferrous metal pipes
*3-leg stand



HB-10



PR-3

RING ROLLER

Specification:PR-3
*Ring size range :1"-3"
*Flat steel capacity :1"-3/16
*NW/GW:6/8kgs
*Round steel capacity:1/4
*Handle 13/1/2"
*Packing size:36×18×20cm

COMPACT BENDE



YP9



YP38

Specification	YP9	YP38
Mild steel capacity	8×32,6×50	8×32,6×50
Bending angle	0-200°	0-200°
NW/GW	17/18kgs	24/26kgs
Packing size	67×29×13cm	88×26×26cm

HAND PIPE BENDER

Specification	MY22
Round pipe (outer dia)	3/8",1/2",9/16",5/8",3/4",7/8
Square pipe (outer dia)	3/4",1"
Pipe thickness	0.8-1.2mm
Max bending angle	180°
NW/GW	24.5/26kgs
Packing size	53×20.5×16cm



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METAL FORMING MACHINE

UNIVERAL BENDER

Specification		UB-70	UB-100	UB-100A	SBG-40	SBG-30
Capacity	Flat steel	Cold 70×6 Warm 70×15	Cold 100×5 Warm 100×5	Cold 100×7 Warm 100×8	30×8	30×10
	Round steel	18/30	18/30	22/27	15	10
	Square steel	16×16/30×30	16×16/30×30	100×10/100×15	13	10
	Angle steel	60×8/100×12	60×8/100×12			
Weight (kg)		29.4/32.4	32/35	30/35	20/22	24/27
Packing size		39×29×28	39×29×28	33×33×33	46×26×20	24×24×15



UB-70



UB-100A



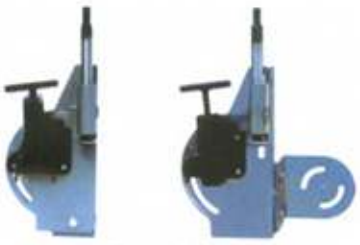
SBG-40



SBG-30

TUBING NOTCHER

Specification	PN-1/2A	PN-1/2S
Tubing capacity	2"	2"
spindle	1/2"	1/2"
Spindle adopter	1/2" -5/8"	1/2" -5/8"
Angle adjustment	0-45° 60°	0-60°
NW/GW	2.8/3.5	4.5/5
Packing size	30×17×11cm	33×16×33cm
Remarks	Aluminum	steel



PN-1/2S



PN-1/2A

SHEARING MACHINE



EBQ01-1.25×650



FS-1.5×1320



FS-2×1000

Specification	EBQ01-1.0×1050	EBQ01-1.25×650	FS1.0×1000	FS1.5×1320	FS1.5×1320A	FS2×1000	FS2×1000A
Capacity (mild steel)	1.0mm	1.25mm	1.0mm	1.5mm	1.5mm	2mm	2mm
Shearing length capacity	1050mm	650mm	1000mm	1320mm	1320mm	1000mm	1000mm
Range back gauge	0-500mm	0-500mm	0-250mm	0-700mm	0-800mm	0-700mm	0-800mm
N.W/G.W	238/285kg	185/250kg	365/410kgs	491/545kgs	430/500kgs	405/450kgs	355/400kgs
Packing measurement (L×W×H)(cm)	140×65×65	105×65×63	140×76×115	168×76×115	168×76×115	140×76×115	140×76×115

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METAL FORMING MACHINE

PRECISION MECHANICAL SHEARING MACHINE

Model	PMS2.5×2500	PMS3.2×2000	PMS3.2×2500	PMS3.5×1250	PMS3.5×3050
Shearing thickness	2.5mm	3.2mm	3.2mm	3.5mm	3.5mm
Shearing width	2500mm	2000mm	2500mm	1250mm	3050mm
Shearing angle	1°	1°45'	1°18'	1°30'	1°30'
Number of stroke	47min^{-1}	47min^{-1}	47min^{-1}	47min^{-1}	47min^{-1}
Backgauge range	0-650mm	0-650mm	0-650mm	0-650mm	0-650mm
Height of table	800mm	800mm	800mm	800mm	800mm
Motor power	5.5KW	7.5KW	7.5KW	5.5KW	9KW
Overall dimension	3214×2210×1180mm	2624×2210×1180mm	3124×2210×1180mm	1860×2210×1180mm	3559×2448×1290mm

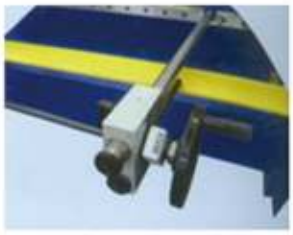


PMS-3.5×1250

ELECTRIC SHEARING MACHINE



ESM-3×1250







- Manual Back guage with mm-counter
- Cutting Line lighting
- Mobile 24V foot switch
- Automatic rubber-coated sheet hold
- Bench angle-stop



ESM-3×1300



ESM-4×2000

Model	ESM-3×1250	ESM-3×2050	ESM-4×1250	ESM-3×1300	ESM-3×1500	ESM-4×2000
Max.shearing thickness(mm)	3.0	3.0	4.0	3.0	3.0	4.0
Max.shearing width(mm)	1250	2050	1250	1300	1500	2000
Shearing angle	2°	2°	2.4°	2°	2°	2°
No.of stroke (per minute)	30	30	30	20	20	20
Motor Power (kw)	3	4	4	3	3	5.5
Back gauge(mm)	630	630	630	350	350	500
Dimension (cm)	184×103×135	258×70×116	187×116×147	212×150×130	232×150×130	320×130×161
N.W./G.W.(kg)	980	1520	1200/1400	1500	1700	3600

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METAL FORMING MACHINE

SHEARING MICHINE
NC ELECTRICAL SHEARING MACINE

- PLC-control
- Cutting line lighting
- Mobile 24V foot switch
- Two sides shear blades
- Graphical control system with finger touch screen
- Rear guarding with interlock
- Sheet hold down devices with rolling balls
- Sheet cater,pneumatic type
- Motorized back-gauge with manual fine adjustment



ES-2×2550NC

Model	ES-4×1300NC	ES-2×2500NC	ES-4×2500NC
Max shearing thickness	4.0	2.0	4.0
Max.shearing width(mm)	1300	2550	2550
Shearing angle	2.4°	1.6°	1.8°
No. of stroke(per minute)	30	30	30
Motor power (kw)	4	4	7.5
Back gauge(mm)	630	630	630
Packing size (cm)	191×116×145	320×116×148	325×116×155
N.W./G.W.(kg)	1320/1520	1900/2150	2500/2800



HYDRAULIC SHEARING MACHINE



HS-4.5×2000



lubrication pump



Rolling ball table



Electric back gauge



Manual back gauge

Model	HS-6.5×1300	HS-4.5×2000	HS-4×2500
Max.shearing thickness(mm)	6.5	4.5	4.0
Max.shearing width(mm)	1300	2000	2500
Shearing angle	2.5°	2°	1.7°
No.of stroke (per minute)	20	18	16
Motor power (kw)	5.5	7.5	7.5
Back gauge(mm)	630(electric)	630(manual)	630(manual)
Packing size (cm)	215×175×181	285×116×185	335×116×185
N.W./G.W.(kg)	2470/2670	2900/3150	3330/3630

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METAL FORMING MACHINE

HYDRAULIC SWING BEAM SHEAR



HSS-6x3200



HSS-12x3200



HSS-6x3200N
New European Type

Standard accessories:

- Rexroth Valve
- Closed type back gauge or open back gauge with 2 pair photoelectricity guard
- Chinese E21 NC Controller, Left, right and front safety guard
- Normal screw and light alignment device

Optional accessories:

- Huade Valve
- Italy Aron Valve
- American First Valve
- Movable control panel(in left or right side)
- Left side with Angle measurement
- Pneumatic Back Support
- Chinese E200 Control System
- MAPER HT071
- 600mm(800mm,1000mm)Ball screw and Linear Guide

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METAL FORMING MACHINE

HSS SERIES,HSS-N SERIES HYDRAULIC SWING BEAM SHEAR

Specification	Shearing thickness mm	Shearing width mm	Shearing angle (°)	Number of stroke min	Back gauge range mm	Motor kw	Weight kg	LxWxH mm
HSS-4x2000(N)	4	2000	1°30′	20	20-500	4	2.6	2560*1400*1450
HSS-4x2500(N)	4	2500	1°30′	20	20-500	4	3	3110*1430*1450
HSS-4x3200(N)	4	3200	1°30′	18	20-500	5.5	4.6	3840*1675*1600
HSS-4x4000(N)	4	4000	1°30′	12	20-500	5.5	6.6	4740*1750*1650
HSS-4x5000(N)	4	5000	1°30′	10	20-800	5.5	7.6	5750*1750*1650
HSS-4x6000(N)	4	6000	1°30′	7	20-800	7.5	9.8	6750*2000*1750
HSS-6x2500(N)	6	2500	1°30′	18	20-600	7.5	4	3130*1530*1600
HSS-6x3200(N)	6	3200	1°30′	16	20-600	7.5	5.3	3840*1675*1620
HSS-6x4000(N)	6	4000	1°30′	12	20-600	7.5	7.5	4750*1850*1620
HSS-6x5000(N)	6	5000	1°30′	10	20-600	7.5	8.5	5750*1950*1850
HSS-6x6000(N)	6	6000	1°30′	7	20-800	7.5	12	6750*2300*2300
HSS-8x2500(N)	8	2500	1°30′	14	20-600	7.5	5.5	3148*1750*1760
HSS-8x3200(N)	8	3200	1°30′	10	20-600	11	6.5	3748*1800*1760
HSS-8x4000(N)	8	4000	1°30′	8	20-600	11	8.5	4730*1950*1760
HSS-8x5000(N)	8	5000	1°30′	7	20-800	15	10	5730*2050*1950
HSS-8x6000(N)	8	6000	1°30′	6	20-800	15	14	6750*2330*2230
HSS-10x2000(N)	10	2000	1°30′	14	20-600	11	5.3	2700*1750*1750
HSS-10x2500(N)	10	2500	1°30′	12	20-600	11	6.5	3200*1750*1760
HSS-10x3200(N)	10	3200	1°30′	10	20-600	11	8.5	3900*1800*1760
HSS-10x4000(N)	10	4000	1°30′	8	20-600	15	10	4760*2000*1760
HSS-12x2000(N)	12	2000	2°	12	20-600	15	6.6	2700*1750*1800
HSS-12x2500(N)	12	2500	2°	10	20-600	18.5	7.5	3225*1800*1940
HSS-12x3200(N)	12	3200	2°	9	20-600	18.5	10	3925*1800*1940
HSS-12x4000(N)	12	4000	2°	8	20-800	18.5	12.5	4725*2000*2040
HSS-12x5000(N)	12	5000	2°	7	20-800	18.5	14	5800*2870*2650
HSS-12x6000(N)	12	6000	2°	6	20-800	18.5	17	5800*2970*2750
HSS-16x2500(N)	16	2500	2°	8	20-600	18.5	8.5	3350*1950*1890
HSS-16x3200(N)	16	3200	2°	7	20-600	18.5	12.5	4050*2050*2150
HSS-16x4000(N)	16	4000	2°	5	20-800	18.5	15.5	4850*2100*2150
HSS-20x2000(N)	20	2000	2°30′	8	20-600	22	11.5	2800*2050*2540
HSS-20x2500(N)	20	2500	2°30′	6	20-800	22	13	3500*2160*2540
HSS-20x3200(N)	20	3200	2°30′	6	20-800	30	15.5	4030*2300*2710
HSS-20x4000(N)	20	4000	2°30′	6	20-800	30	19.5	4750*3200*2800
HSS-25x2000(N)	25	2000	3°	6	20-800	30	12.5	2800*2000*2540
HSS-25x2500(N)	25	2500	3°	6	20-800	30	15.5	3500*3150*3500
HSS-25x3200(N)	25	3200	3°	6	20-800	37	18.5	4200*3150*3500
HSS-30x2500(N)	30	2500	3°30′	6	20-800	37	19	3500*3150*3500
HSS-30x3200(N)	30	3200	3°30′	5	30-800	45	24	4200*3150*3500

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METAL FORMING MACHINE

EUROPEAN TYPE HYDRAULIC VARIABLE RAKE GUILLOTINE



HGM-8x3200

Feature:

- Unchangeable Shearing Angle when processing
- Shear Angle Adjust by Hydraulic
- Excellent Hydraulic system
- Hydraulic Circuit Return System
- Blade Clearance Adjust by Motor
- Front Ball working Table
- Adopt three-points Roller Guide,through the force to the front Roller by the papilionaceous spring, the cutting beam keeps in touch tightly with the two back rollers
- Motorized Back Gauge with Digital Readout, Manual fine Adjustment
- Stress Relieved Frame for long term Accuracy

Standard Accessories:

The front and side safety guard. Back gauge with two photoelectric guard, Chinese good Gear Pump. Rexroth Valve, Japan Sealing rings,Chinese E21 NC Controller, Normal screw, CE electrics. Good quality painting. Euro type machine front cover, The first meter of from protection can be opened by gas spring.Improve the machine, According to European customer suggestions.

Optional accessories:

- Ball screw 600mm (800mm,1000mm) and Linear Guide to control back gauge working
- Italy Maper Positioner Ht071
- Chinese E200 Control System
- Moveable Control Panel
- Left Side With Angle Measurement
- Pneumatic Back Support

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METAL FORMING MACHINE

EUROPEAN TYPE HYDRAULIC VARIABLE RAKE GUILLOTINE



Movable Control Panel



Pneumatic Back Support



The first lest Arm Support with Angle measurement



Ball Screw and Linear Guide

Specification	Shearing Thickness mm	Shearing Width mm	Shearing Angle °	Number of Stroke	Back gauge Range mm	Motor Power kw	Weight Kg	Dimension mm
HGM-6x2500	6	2500	0.5-2.5°	10-35	20-600	7.5	5	3150x1650x1700
HGM-6x3200		3200		8-35			6.2	3860x1810x1750
HGM-6x4000		4000		7-35			8	4630x2030x1940
HGM-6x5000		5000		6-25		11		
HGM-6x6000		6000		5-25			15.5	6680x2200x2500
HGM-8x2500	8	2500		10-35			6.1	3170x1700x1700
HGM-8x3200		3200		8-35			8	3870x1810x1780
HGM-8x4000		4000		7-35			9.5	4680x1900x1860
HGM-8x5000		5000	0.5-2°	6-25		15	13	5680x2250x2200
HGM-8x6000		6000		5-25			20	6800x2350x2700
HGM-10x2500	10	2500					7	3170x1750x1900
HGM-10x3200		3200					8.3	3870x1860x2010
HGM-10x4000		4000					10.8	4680x1950x2010
HGM-10x6000		6000					22	6800x2500x2550
HGM-12x2500	12	2500	0.5-2.5°	10-35	20-800	18.5	8	3270x1730x1800
HGM-12x3200		3200		6-20			10.5	3990x2250x2550
HGM-12x4000		4000		6-20			13	4720x2490x2500
HGM-12x5000		5000		5-15				
HGM-12x6000		6000		6-15		30	29	6720x2500x2550
HGM-16x2500	16	2500	0.5-3°	8-30		22	9.2	3600x1870x2200
HGM-16x3200		3200		7-30		30	12.5	4120x2150x2300
HGM-16x4000		4000		6-30			15	4760x1900x2560
HGM-16x5000		5000	0.5-2.5°	6-15				
HGM-16x6000		6000		5-15		37	40	6880x2480x3000
HGM-20x2500	20	2500	0.5-3°	9-30	20-1000	30	14	3300x2050x2440
HGM-20x3200		3200		7-30			18	4180x2160x2540
HGM-20x4000		4000		6-30			21	4930x2300x2710
HGM-20x5000		5000	0.5-2.5°	5-30		37		
HGM-20x6000		6000		5-15		45		
HGM-25x2500	25	2500	0.5-.5°	5-25		37	19.8	3300x2000x2650
HGM-25x3200		3200		4-25			23	4200x2200x2865
HGM-25x4000		4000		3-20			26	4780x2500x3150

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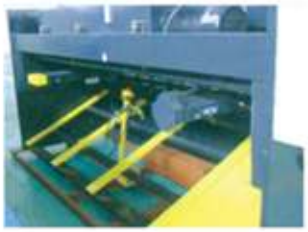
METAL FORMING MACHINE

HYDRAULIC GUILLOTINE MACHINE WITH VARIABLE RAKE

The second generation of hydraulic shear;
Welded steel plate construction, eliminate internal stress by hear treatment, with high strength and good rigidity;
Advanced integrated hydraulic system with an excellent reliability;
The rolling guide with 3-point support and improves the shearing quality;
Rapidly, accurately and conveniently adjusting the blade clearance with hand wheel;
The rectangular blades featuring long lifetime with 4 cutting edges.
The adjustable rake angle can minimize plate deformation
As the cutting beam has been designed in inner-inclined structure, it is easy for plates to fall down and the accuracy of products can also be guaranteed.
Shearing in section: Shadow-line cutting;
Counter for the motorized back gauge
Plate-support of the back of machine(optional)



Ball plate and front protection with organic glass



Half rear support



Whole Back gauge support



HS Super



HS-16 x 6000 Super

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METAL FORMING MACHINE

HS SUPER SERIES HYDRAULIC (CNC) GUILLOTINE WITH VARIABLE RAKE

Model	Mild Steel (450MPa)	Cutting Length (mm)	Depth Of Throat (mm)	Back Gauge Range (mm)	Rake Angle Adjustment	Strokes Per Minute	Main Motor (KW)	LxWxh (mm)	Weight (t)
6x2500 Super	6	2500	80	600	0.5°~1°30'	14	7.5	3100x1725x1960	5.3
6x3200 Super	6	3200	80	600	0.5°~1°30'	12	7.5	3650x1750x1980	6.5
6x4000 Super	6	4000	80	600	0.5°~1°30'	10	7.5	4650x1780x2075	7.5
6x5000 Super	6	5000	80	600	0.5°~1°30'	8	7.5	5650x1830x2250	10.5
6x6000 Super	6	6000	80	600	0.5°~1°30'	8	7.5	6650x1890x2380	15.2
8x2500 Super	8	2500	80	600	0.5°~1°30'	14	7.5	3100x1725x1960	6
8x3200 Super	8	3200	80	600	0.5°~1°30'	12	7.5	3850x1750x1980	6.8
8x4000 Super	8	4000	80	600	0.5°~1°30'	10	7.5	4650x1850x2075	8.5
8x5000 Super	8	5000	80	600	0.5°~2°	7	15	5805x2000x2500	12.5
8x6000 Super	8	6000	100	600	0.5°~2°	7	15	6805x2115x2715	19.8
10x5000 Super	10	5000	120	600	0.5°~2°30'	5	15	5905x2115x2715	16
10x6000 Super	10	6000	120	600	0.5°~2°30'	5	15	6905x2215x2800	22
12x2500 Super	12	2500	120	600	0.5°~2°30'	10	15	3195x1800x2210	8.7
12x3200 Super	12	3200	120	600	0.5°~2°30'	8	15	3895x1800x2240	9.8
12x4000 Super	12	4000	120	600	0.5°~2°30'	6	15	4710x1950x2485	13.4
12x5000 Super	12	5000	120	600	0.5°~2°30'	5	18.5	5905x2115x2800	20
12x6000 Super	12	6000	120	600	0.5°~2°30'	4	18.5	7000x2300x3100	29
16x2500 Super	16	2500	120	600	0.5°~2°30'	8	15	3215x1880x2340	9
16x3200 Super	16	3200	120	600	0.5°~2°30'	7	15	3915x1880x2445	11
16x4000 Super	16	4000	120	600	0.5°~2°30'	6	15	4715x1950x2590	15
16x5000 Super	16	5000	120	600	0.5°~3°	5	22	6000x2300x3000	23
16x6000 Super	16	6000	120	600	0.5°~3°	4	37	7000x2300x3100	36
20x2500 Super	20	2500	120	600	0.5°~3°	6	22	3215x1890x2465	11
20x3200 Super	20	3200	120	600	0.5°~3°	5	30	4120x1890x2780	18
20x4000 Super	20	4000	120	600	0.5°~3°	4	30	4925x2150x2900	21
20x5000 Super	20	5000	120	600	0.5°~3°	4	37	6000x2300x3050	29
25x2500 Super	25	2500	120	600	0.5°~3.5°	5	30	3435x2000x2710	15.3
25x3200 Super	25	3200	120	600	0.5°~3.5°	5	30	4120x2200x3000	21
25x4000 Super	25	4000	120	600	0.5°~3.5°	3	30	4950x2200x3150	26
30x2500 Super	30	2500	120	600	1°~3.5°	4	30	3435x2020x2770	17
30x3200 Super	30	3200	120	600	1°~3.5°	3	37	4200x2300x3200	23





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METAL FORMING MACHINE

HAND BRAKE /PAN & BOX BRAKE

Model	Capacity (mm)			Packing size (cm)	N.W./G.W. (kg)
	Length	Thickness	Angle		
W1.0×305	305	1.0	0-135°	50×30×37	19/21
W1.0×610	610	1.0	0-135°	81×30×35	28/31
W1.0×915	915	1.0	0-135°	116×41×59	65/78
W1.2×1220	1220	1.2	0-135°	158×39×58	90/104
W1.2×1500	1500	1.2	0-140°	200×76×125	285/355
W1.0×2000	2000	1.0	0-140°	250×76×125	410/515
W1.5×1500	1500	1.5	0-140°	200×76×127	445/515
W1.2×2000	2000	1.2	0-140°	250×76×127	581/665
W1.0×305A	305	1.0	0-135°	50×35×41	28/30
W1.0×610A	610	1.0	0-135°	81×35×42	43/46
W1.0×915A	915	1.0	0-135°	117×35×43	70/80
W1.5×1220	1220	1.5	0-135°	161×48×68	135/151
W1.5×610Z	610	1.5	0-135°	86×35×44	54/63
W1.5×915Z	915	1.5	0-135°	117×40×58	106/123
W1.5×1220Z	1220	1.5	0-135°	161×48×68	152/180
W1.5×1260A	1260	1.5	0-135°	161×48×68	133/151
W1.2×1010	1010	1.2	0-150°	130×77×52	118/150
W1.2×1040	1040	1.2	0-140°	136×68×116	80/121
W1.2×1060	1060	1.2	0-150°	158×83×111	110/148
W1.2×1300	1300	1.2	0-140°	157×76×52	118/148
W1.5×1050	1050	1.5	0-135°	144×84×112	169/214
W1.5×1050F	1050	1.5	0-150°	145×70×127	265/305
WF1.0×2020	2020	1.0	0-135°	245×94×70	455/600
WF1.0×2500	2500	1.0	0-135°	307×94×62	550/730
WF1.0×3000	3000	1.0	0-135°	358×94×62	640/840
W2.5×1220N	1220mm(48")	2.5mm(12Ga)	0-136°	171×75×94	490/550
W2.0×2040	2040mm(80")	2.0mm(14Ga)	0-135°	255×76×100	820/970
W2.5×2040	2040mm(80")	2.5mm(12Ga)	0-135°	255×76×100	1010/1160
W2.0×2540	2540mm(100")	2.0mm(14Ga)	0-135°	300×76×100	950/1180
W2.5×2540	2540mm(100")	2.5mm(12Ga)	0-135°	300×76×100	1160/1330
W2.0×3050	3050mm(120")	2.0mm(14Ga)	0-135°	350×77×110	1490/1690
W1.2×3700	3700mm(146")	1.2mm(20Ga)	0-135°	425×85×120	1800/2020
W0.8×4000	4000mm(157")	0.8mm(22Ga)	0-135°	470×90×120	2200/2450
W2.5×1220	1220mm(48")	2.5mm(12Ga)	0-135°	171×75×94	513/575
W2.0×2040A	2040mm(80")	2.0mm(14Ga)	0-135°	255×76×100	850/1000
W2.5×2040A	2040mm(80")	2.5mm(12Ga)	0-135°	255×76×100	1145/1295
W2.0×2540A	2540mm(100")	2.0mm(14Ga)	0-135°	300×76×100	1190/1360
W2.5×2540A	2540mm(100")	2.5mm(12Ga)	0-135°	300×76×100	1310/1480
W2.0×3050A	3050mm(120")	2.0mm(14Ga)	0-135°	350×76×110	1490/1690
W1.2×3700A	3700mm(146")	1.2mm(20Ga)	0-135°	425×85×120	2450/2670
W0.8×4000A	4000mm(157")	0.8mm(22Ga)	0-135°	470×90×120	2700/2950

Model	BP-1650	BP-1648H	HB-2250	HB-1650
Max.bending length	1270mm(50")	1220mm(48")	1270mm(50")	1270mm(50")
Max.thickness	1.5mm(16Ga)	1.5mm(16Ga)	0.80mm(22Ga)	1.5mm(16Ga)
Max.box depth	100mm(4")	100mm(4")		
Max.lift of beam	32mm(1-1/4")	32mm(1-1/4")	22mm(7/8")	32mm(1-1/4")
Beam adjustment	16mm(5/8")	6.5mm(0.25")	3.0mm(1/8")	16mm(5/8")
Finger nose angle	45°	--	-	-
Packing size	168×59×82cm	166×61×72cm	168×54×71cm	168×59×82cm
N.W./G.W.	202/247kg	237/260kg	142/187kg	191/236kg


W1.0×610


W1.2×1220


W1.2×1500


W1.0×610A


W1.5×1220


W1.5×1220Z



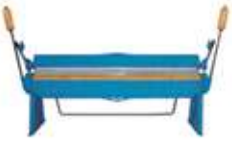
W1.5×1050 W1.5×1050F


WF1.0×3000/2020/2500


W2.0×2040


W2.5×1220N


W2.5×1220


W2.5×2540A


W1.2×1060


W1.2×1010
W1.2×1300


BP-1650


BP-1648H


HB-2250


HB-2248

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METAL FORMING MACHINE

EUROPEAN DESIGN FOLDING MACHINE

Model	Capacity (mm)				Packing size (cm)	N.W./G.W.(kg)
	Width	Thickness	Angle	Folding angle		
PBB1020/1A	1020	1.0	0-135°	–	138×54×67	105/140
PBB1250/1A	1250	1.0	0-135°	–	162×69×45	115/135
PBB1020/2.5	1020	2.5	0-135°	47	146×64×131	285/320
PBB1270/2	1270	2.0	0-135°	47	171×71×131	320/360
PBB1520/1.5	1520	1.5	0-135°	47	196×71×130	385/456
PBB2020/1.2	2020	1.2	0-135°	47	247×94×132	490/640
PBB2520/1.0	2520	1.0	0-135°	47	297×94×132	590/770
PBB1020/2A	1020	2.0	135°	47	146×64×131	320/350
PBB1270/2A	1270	2.0	135°	47	171×71×131	350/385
PBB1520/1.5A	1520	1.5	135°	47	196×71×130	395/466
PBB1020/3SH	1020	2.0	150°	45	142×59×142	430/470
PBB1270/3SH	1270	1.5	150°	45	167×66×142	465/510



PBB1020/1A
PBB1250/1A



PBB1020/2.5



PBB2020/1.2
PBB2520/1.0



PBB1020/2A



PBB1020/3SH

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METAL FORMING MACHINE

FOLDING MACHINE

MANAUL FOLDING MACHINE

Model	Capacity (mm)			Packing size (cm)	Weight
	Length	Thickness	Angle		
TSB 2020/2	2020mm	2mm	0–135°	280 × 71 × 150cm	1010/1220kg
	80"	14Ga			2230/2690lb
TSBS 2020/2	2020mm	2mm	0–135°	280 × 71 × 150cm	1020/1230kg
	80"	14Ga			2250/2710lb
TSBS 2540/1.5	2540mm	1.5mm	0–135°	337 × 72 × 150cm	1250/1400kg
	100"	16Ga			2750/3080lb
TSBS 3020/1.2	3020mm	1.2mm	0–135°	385 × 72 × 150cm	1385/1570kg
	119"	18Ga			3084/3456lb
TSB 2060/2	2060mm	2mm	0–135°	310 × 76 × 150cm	1750/1995kg
	81"	14Ga			3530/4450lbs
TFS 2020B	2020mm	1.2mm	0–135°	247 × 94 × 132cm	500/650kg
	80"	18Ga			1105/1436lbs
MFS 2020	2020mm	1.5mm	0–135°	265 × 83 × 146cm	860/1070kg
	80"	16Ga			1895/2360lb
MF 3020	3020mm	1mm	0–135°	365 × 83 × 146cm	1300/1550kg
	120"	20Ga			2865/3420lb



TSBS 2020/2



TSB2020/2



TFS 2020B



TSB2060/2



EFMS 2020



EFM3020

ELECTRIC FOLDING MACHINE

Model	Capacity				Motor Press	Motor Folding	Packing size(cm)	weight
	Width	thickness	angle	Opening height				
EFMS 2020	2020mm	1.5mm	0–13	100mm	0.37kw	0.75kw	283 × 76 × 141	1050/1260kg
	80"	16Ga	5°	4"	0.50HP	1HP		2320/2780lb
EFMS 2520	2520mm	1mm	0–13	100mm	0.37kw	0.75kw	333 × 76 × 141	1310/1620kg
	100"	20Ga	5°	4"	0.50HP	1HP		2890/3575lb
EFMS 3020	3020mm	1mm	0–13	100mm	0.37kw	0.75kw	383 × 76 × 145	1630/1930kg
	120"	20Ga	5°	4"	0.50HP	1HP		3598/4260lb
EFMS 2020	2020mm	1.5mm	0–13	100mm	0.37kw	0.75kw	283 × 76 × 141	1010/1220kg
	80"	16Ga	5°	4"	0.50HP	1HP		2230/2690lb
EFMS 2520	2520mm	1mm	0–13	100mm	0.37kw	0.75kw	333 × 76 × 141	1260/1510kg
	100"	20Ga	5°	4"	0.50HP	1HP		2780/3330lb
EFMS 302	3020mm	1mm	0–13	100mm	0.37kw	0.75kw	383 × 76 × 145	1560/1890kg
	120"	20Ga	5°	4"	0.50HP	1HP		3440/4100lb

HYDRAULIC BENDING MACHINE

Model	HW1220 × 3.5	HW1830 × 3.5	HW2440 × 3.5	HW3050 × 3.5
Max.bending thickness(mm)	3.5(stainless steel 2.5)	3.5(stainless steel 2.5)	3.5(stainless steel 2.5)	3.5(stainless steel 2.5)
Max.bending width(mm)	1220	1830	2440	3050
Bending angle	0–135°	0–135°	0–135°	0–135°
Max.box depth(mm)	150	150	150	150
Large beam opening(mm)	75	75	75	75
Manual back gauge (mm)	660	660	660	660
Hydraulic cylinder pressure (MP)	Max.15	Max.15	Max.15	Max.15
Hydraulic cylinder speed (mm/s)	50–85	50–85	50–85	50–75
Motor working pressure(Mp)	12	12	9–13	16
Manual beam adjtment (front and back)(mm)	0–25	0–25	0–25	0–25
Control panel	Type A movable control panel or Type B fixed control panel			
Motor power (kw)	3.7	3.7	5.5	7.5
Packing size (cm)	205 × 102 × 170	265 × 102 × 170	325 × 102 × 170	390 × 102 × 170
N.W./G.W.(KG)	1780/1880	2170/2300	2850/3000	3400/3600



HW1830×3.5



HW2440×3.5

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METAL FORMING MACHINE

FOLDING MACHINE

TDF MANUAL FOLDING MACHINE

Model	WS1.5×1300A TDF	WS1.5×2050A TDF
Folding thickness (mm)	1.5	1.5
Min.folding angle	40°	40°
Folding width (mm)	1250	2000
Weight (kg)	350	490
Dimension (mm)L×W×H	1800×620×1600	2550×620×1600



WS1.5×1300ATDF

TDF HYDRAULIC FOLDING MACHINE

Model	WSY1.5×1300A TDF	WSY1.5×2050A TDF
Folding thickness (mm)	1.5	1.5
Min.folding angle	40°	40°
Folding width (mm)	1250	2000
Weight (kg)	480	650
Dimension (mm)L×W×H	1800×715×1450	2540×715×1450



WSY1.5×1300A TDF

MANUAL PAN BRAKE

Model	HB-2×1300	HB-2×2440
Folder length (mm)	1300	2440
Folder Thickness (mm)	0.5-2.0	0.5-2.0
Max.lift of the upper beam (mm)	220	220
Evolving angle of the bending beam (mm)	0-120°	0-120°
Weight (kg)	780	1500
Dimension(mm) (L.H.W.)	1820×1290×560	2940×1470×570







MB-2×2440

HALF HYDRAULIC FOLDER MACHINE (HYDRAULIC BENDING WITH MANUAL CLAMPING)

Model	MP-2×2500	MP-1.5×3050
Folder length (mm)	2500	3050
Folder Thickness (mm)	0.5-2.0	0.5-1.5
Max.lift of the upper beam (mm)	200	200
Evolving angle of the bending beam (mm)	0°-120°	0°-120°
Weight (kg)	2000	2600
Dimension(mm) (L.H.W.)	3000×1500×810	3600×1500×810
Main Motor(KW)	4	4





HYDRAULIC FOLDER MACHINE



HP(K)-4×2500



MP-2×2500

Model	Folder Length (mm)	Folder Thickness (mm)	Max.lift of the upper beam(mm)	Evolving angle of the bending beam	Weight (kg)	Main Motor (KW)	Dimension (mm)(L.H.W)
HP(K)-4×2500	2500	0.5-4.0	200	0°-120°	3200	5.5	3000×1500×810(1920)
HP(K)-5×2000	2000	0.5-5.0	200	0°-120°	2700	5.5	2500×1500×810(1920)
HP(K)-4×3050	3050	0.5-4.0	200	0°-120°	3900	5.5	3600×1500×810(1920)

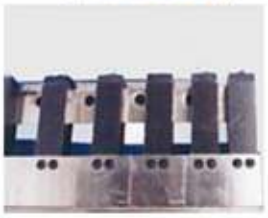
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METAL FORMING MACHINE

HYDRAULIC TYPE FOLDING MACHINE
CNC HYDRAULIC TYPE FOLDING MACHINE







Specification	Folding Thickness	Folding length	Evolving angle of the bending	Max.lift of the upper beam	Net weight	Dimension
HFM-3×2500	3mm	2500mm	120°	110mm	2750kg	3700×1640×1650mm
HFM-3×3200	3mm	3200mm	120°	110mm	3350kg	4400×1640×1650mm
HFM-5×2500	5mm	2500mm	120°	110mm	3250kg	3750×1640×1650mm
HFM-5×3200	5mm	3200mm	120°	110mm	3950kg	4450×1640×1650mm

Remarks:CNC Type can be Single Axis (Folding Angle) or Double Axis (Folding Angle and Back Gauge)

3-IN-1 COMBINATION MACHINE

Model	3-IN-1/760A	3-IN-1/1016A	3-IN-1/1320A
Bed width	760	1016	1320
Max.shearing thicknes(mm)	1.0	1.0	1.0
Max.bending thickness(mm)	1.0	1.0	1.0
Max.bending angle	90°	90°	90°
Max.Rolling thickness(mm)	1.0	1.0	1.0
Min.Rolling dia (mm)	39	40	50
Packing size (cm)	106×49×51	135×45×72	168×54×78
N.W./G.W.(kg)	128/145	195×212	349/377





3–IN–1/760A

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METAL FORMING MACHINE

3-IN-1 COMBINATION MACHINE

3-IN-1 COMBINATION OF SHEAR, PRESS BRAKE & SLIP ROLL MACHINE

Specification (mm)	305	610	760	1016	1067	1320	1067B	1320B
Bed width (mm)	305	610	760	1016	1067	1320	1067	1320
Shearing thickness (mm)	1	1	1	1	1	1	1.5	1.5
Bending thickness (mm)	1	1	1	1	1	1	1.5	1.5
Bending angle	90°	90°	90°	90°	90°	90°	90°	90°
Rolling thickness (mm)	1	1	1	1	1	1	1.5	1.5
Min rolling dia (mm)	39	39	39	43	43	43	62	76
Packing dimension (cm)	49x33x42	84x46x67	97x45x68	135x45x68	142x56x75	168x56x75	154x61x90	183x61x97
N.W/G.W (kg)	43/45	112/123	153/165	195/212	276/297	349/377	390/440	470/530



3-IN-1/305



3-IN-1/1016



3-IN-1/1067×1.5

E3-IN-1 ELECTRIC COMBINATION OF SHEAR,PRESS BRAKE &SLIP ROLL MACHINE

Specification	1320E	2040E
Max shearing thickness	3mm	3mm
Max shearing width	1320mm	2040mm
Shearing angle	2°	2.5°
Number of stroke	30/min	30/min
Back-gauge range	450mm	450mm
Height of worktable	760mm	760mm
Max bending thickness	2mm	2mm
Max bending width	1320mm	2040mm
Max rolling thickness	3mm	3mm
Max rolling width	1500mm	2100mm
Min rolling dia	90mm	120mm
Motor power	3kw	4kw
N.W/G.W	2700/2970kgs	3500/3800kgs
Packing dimension	254×145×197cm	326×145×197cm



Top roller fast release device



Roll bending function shift handle



Back gauge hand wheel for shear



Roller bending workpieces show



ES-IN-1/2040

Funciton shift switch
BEND/SHEAR/ROLL



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METAL FORMING MACHINE

HYDRAULIC PRESS BRAKE



HPBS-30x1300



HPBS-80x3200



HPBS-125x3200



HPBS-125x4000



HPBS-160x3200



HPBS-125x3200

Standard Accessories:

The Back and side safety guard.Chinese good Gear Pump, Huade or Rexroth Valve, Japan Sealing rings. Chinese E21 NC Controller, Normal screw, CE electrics. Back Guard with function of switch off when the back Guard be opened. Electric back gauge, Good quality painting. Improve the machine according to European customer suggestions.

Optional Accessories:

- Light Curtain
- Ball Screw
- Italy MAPER HT072 Control System
- Ball Screw with Linear Guide
- Quick Clamping Device
- Chinese E200 Control System
- DA41,DA51 Control System
- Ram Stroke: 200mm for 100/125/160 Ton

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METAL FORMING MACHINE

HPBS SERIES HYDRAULIC PRESS BRAKE

Model	Normal pressure	Working table length	Distance between housing	Throat depth	Ram travel	Max open height	Adjustment of ram travel	Working table height	Main motor		Strokes (min-1)	Machine overall dimension	weight
									Power	speed			
	kn	mm	mm	mm	mm	mm	mm	mm	kw	mm/s		mm	T
30*1300	300	1300	1100	200	100	300	80	800	3	960	≥11	1800*1200*1900	1.8
30*1600		1600	1250									2050*1200*1900	2.1
40*1300	400	1300	1100	220		340			4	1440		1850*1250*1990	2.1
40*1600		1600	1250									2050*1250*1900	2.3
40*2000		2000	1600									2450*1250*1980	2.8
40*2200		2200										2450*1250*1950	3
40*2500		2500	2050									2800*1250*2000	3.1
50*2500	500	2500		250					5.5			2800*1450*2000	3.3
50*3200		3200	2600									3460*1450*2160	3.2
63*2000	630	2000	1600		120	360				960	≥10	2560*1600*2280	3.8
63*2500		2500	2050									2860*1600*2280	4.2
63*3200		3200	2600					850				3460*1600*2280	5.5
80*2500	800	2500	2050						7.5			2860*1700*2450	5.3
80*3200		3200	2600									3460*1700*2500	6.6
80*4000		4000	3200									4260*1700*2550	7.5
100*2500	1000	2500	2050	320	160/200 (Opt)	390						2860*1750*2450	6.8
100*3200		3200	2600									3500*1750*2500	7.2
100*4000		4000	3200									4260*1800*2550	8.2
100*5000		5000	4000					800				5260*1800*2850	9
100*6000		6000	4800									6280*2000*3200	
125*2500	1250	2500	2050					850			≥8	2800*1750*2460	7
125*3200		3200	2600									3460*1750*2500	7.4
125*4000		4000	3200									4260*1750*2550	8.4
125*5000		5000	4000									5260*1750*2900	7.5
125*6000		6000	4800					800				6260*2050*3300	
160*3200	1600	3200	2600			470	160	860	11	1460	≥6	3450*1800*2550	10.5
160*4000		4000	3200					900				4260*1800*2560	11.8
160*5000		5000	4000					800				5260*2000*2850	14
160*6000		6000	4800									6260*2100*3400	15.8
200*3200	2000	3200	2600		200			850	15		≥3	3460*2000*2560	12.8
200*4000		4000	3200					800				4260*2000*2850	14.5
200*5000		5000	4000									5260*2100*3260	16
200*6000		6000	4800									6260*2200*3560	17.5
250*3200	2500	3200	2600	400	250	560		900	18.5	1470		3460*2100*2580	13.5
250*4000		4000	3200					800				4260*2100*3260	15
250*5000		5000	4000									5260*2300*3450	17
250*6000		6000	4800									6260*2400*3700	19

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METAL FORMING MACHINE

HYDRAULIC PRESS BRAKE WITH BOTTOM CYLINDER CROWNING



HPB-125 x 3200 TOP

Standard Configuration:

- Double cylinders control ram working
- Mechanical torsion synchronization
- Electric stroke adjustment
- Special-purpose digital display device
- Imported or Chinese famous brand hydraulic system
- Key electric parts from Europe
- High efficiency rotary encoder
- T screw and common round guide control back gauge
- Oil seals from outside
- Hydraulic working table cylinder crowning for 100T-200T
- Standard upper and lower dies
- Standard front support sheet frame

Standard Accessories:

Right and left safety guard, back guard with function of switch off when the back guard be opened, Schneider and/or Siemens electrical, Chinese made motor with CE, Main valves group is Roxroth, other vales are Chinese made valves. Sealing Ring from Japan. Chinese made E21 NC Controller. Normal clamping device. 600mm Normal screw.

Optional Accessories:

- Light curtain
- Quick clamping device
- Ball screw
- Chinese E200 Control System
- Italy MAPER HT072 Control System
- DA41, DA51 Control System
- Ball Screw with Linear Guide
- Ram Stroke:200mm for 100Ton, 125Ton, 160Ton

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METAL FORMING MACHINE

HYDRAULIC PRESS BRAKE WITH BOTTOM CYLINDER CROWNING

Model	Normal pressure	Max. working length	Distance between housing	Open height	Throat depth	Stroke	Stroke adjustment	Work table height	Main motor	Hydraulic oil flow tate	Working speed	Dimensions LxWxH	weight
	kn	mm	mm	mm	mm	mm	mm	mm	kw	L	mm/s	mm	kg
HPB-100/ 2500 TOP	1000	2500	2000	465	350	160/ 200 (Opt)	70	900	7.5	400	9	2600x1620x2490	6700
HPB-100/ 3200 TOP		3200	2700					900		480		3300x1620x2490	7600
HPB-100/ 4100 TOP		4100	3300					900		580		4200x1620x2490	8800
HPB-100/ 5100 TOP		5100	4400					950		580		5200x1680x2630	11500
HPB-125/ 2500 TOP	1250	2500	2000					900	11	400		2600x1680x2560	7500
HPB-125/ 3200 TOP		3200	2700					900		480		3300x1680x2560	8600
HPB-125/ 4100 TOP		4100	3300					900		580		4200x1700x2560	9900
HPB-125/ 5100 TOP		5100	4400					950		580		5200x1720x2930	13500
HPB-160/ 2500 TOP	1600	2500	2000	490				900		400		2600x1720x2530	8200
HPB-160/ 3200 TOP		3200	2700					900		480		3300x1720x2530	9600
HPB-160/ 4100 TOP		4100	3300					900		580		4200x1720x2530	11200
HPB-160/ 5100 TOP		5100	4400					950		580		5200x1820x2990	16100
HPB-160/ 6100 TOP		6100	5400					1000		650		6200x1820x3000	19700
HPB-200/ 2500 TOP	2000	2500	2000		400	200	100	910	15	400	7.5	2700x1780x2740	10500
HPB-200/ 3200 TOP		3200	2700					910		480		3410x1780x2740	12500
HPB-200/ 4100 TOP		4100	3300					910		580		4200x1780x2740	14200
HPB-200/ 5100 TOP		5100	4800					990		650		5200x1800x2850	20200
HPB-200/ 6100 TOP		6100	5400					1050		750		6200x1800x3100	24000
HPB-250/ 2500 TOP	2500	2500	2000					950	18.5	400		2700x1830x2810	12400
HPB-250/ 3200 TOP		3200	2700					950		480		3420x1830x2810	14500
HPB-250/ 4100 TOP		4100	3300					950		580		4200x1830x2810	17600
HPB-250/ 5100 TOP		5100	4600					990		650		5200x1900x2900	21400
HPB-250/ 6100 TOP		6100	5400					1050		750		6200x1900x3150	24400
HPB-320/ 3200 TOP	3200	3200	2700	520		250	150	980	22	700	9	3300x2150x3245	17100
HPB-320/ 4100 TOP		4100	3300					980		800		4300x2150x3430	20600
HPB-320/ 5100 TOP		5100	4600					1050		900		5300x2150x3600	25000
HPB-320/ 6100 TOP		6100	5400					1150		100		6300x2150x3700	32000

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METAL FORMING MACHINE

ELECTRICAL-HYDRAULIC SYNCHRONIZED CNC PRESS BRAKE

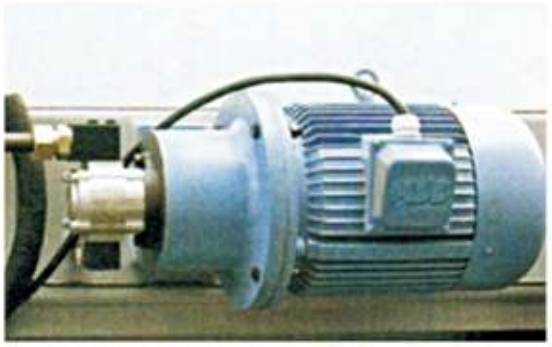


Feature:

- Holistic Welding Structure, High Strength, Stable and Reliable
- Standard configuration 3+1 axis
  Optional: R Axis
  6+1 Axis
  8+1 Axis
- Standard CNC Control: ESA KV-2005
- Optional CNC Control :ESA KV-2004
  Delem DA65W
  Cybelec DNC600S
- All electrical and hydraulic elements are assembled with international famous brand
- Double crowning mechanism:
  Upper rapid clamping fixture, which has both quick fastening and crowning function, the lower table crowning mechanism of sandwich structure is controlled by CNC System,
- CE Standard



Hoerbiger electro-hydraulic Proportional valve



Hoerbiger gear pump and ABB motor



Finger stop of back gauge

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METAL FORMING MACHINE

ELECTRICAL-HYDRAULIC SYNCHRONIZED CNC PRESS BRAKE

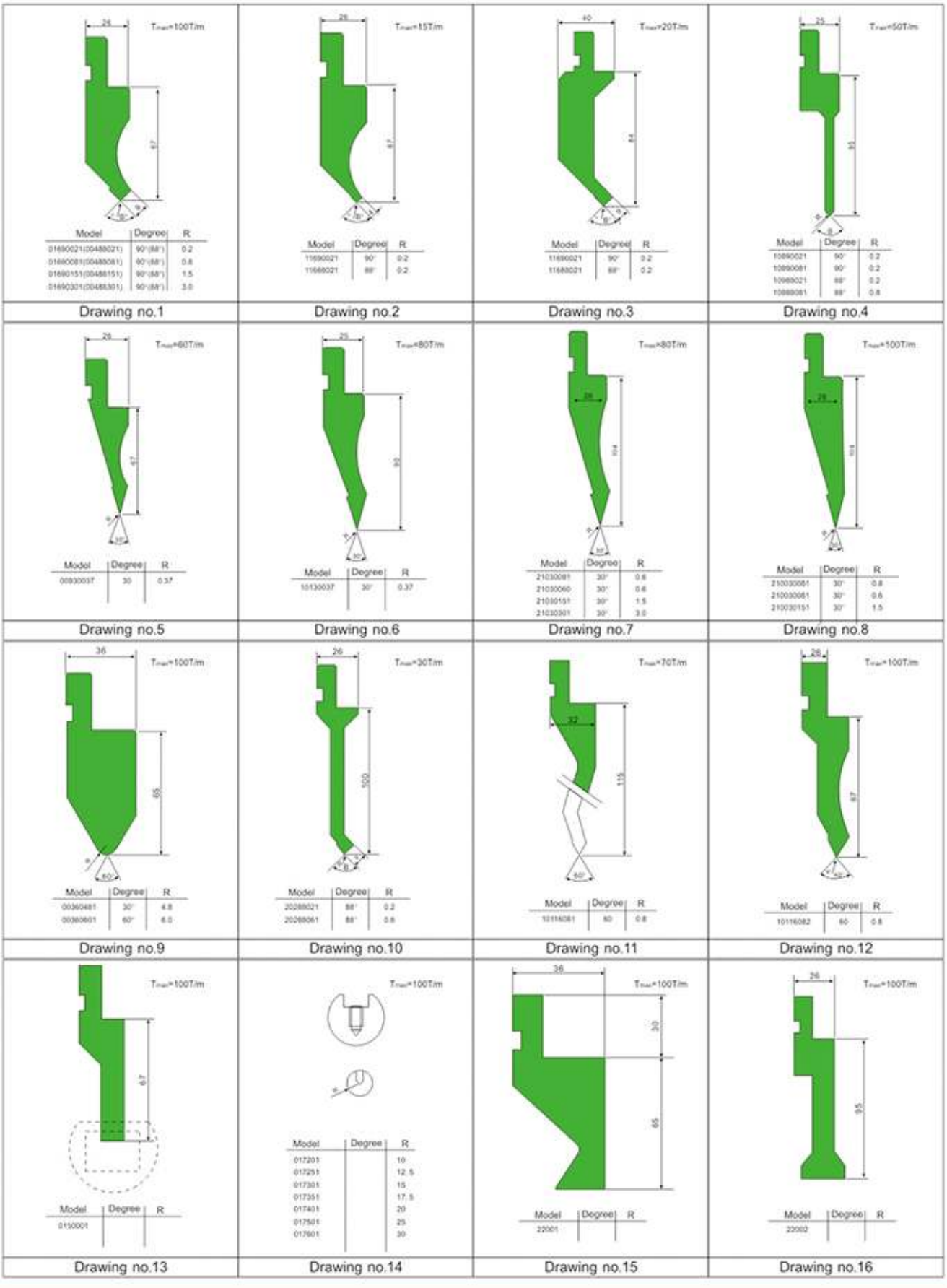


Model	Norminal pressure (KN)	Working length (mm)	Frame distance (mm)	Open height (mm)	Throat depth (mm)	Travel of cylinder (mm)	Motor power (KW)	Overall dimension (mm)			Weight (kg)
								L	W	H	
HPB-70/2500CNC	700	2500	2100	340	250	100	5.5	2600	1400	2400	4500
HPB-70/3200CNC		3200	2600	250				3300	1400	2400	5300
HPB-100/3200CNC	1000	3200	2600	405	320	150	7.5	3300	1700	2580	7500
HPB-100/4000CNC		4000	3300					4200	1700	2580	8500
HPB-160/3200CNC	1600	3200	2600	450		200	11	3300	2100	2600	9500
HPB-160/4000CNC		4000	3300					4200	2100	2600	10200
HPB-200/3200CNC	2000	3200	2600		350			3300	2200	2740	13000
HPB-200/4000CNC		4000	3300					4200	2200	2740	14200
HPB-250/3200CNC	2500	3200	2600	480	400	220	15	3300	2210	2810	15000
HPB-250/4000CNC		4000	3300					4200	2210	2810	17600
HPB-320/3200CNC	3200	3200	2600	535		250	22	3300	2550	3200	19000
HPB-320/4000CNC		4000	3300					4200	2550	3200	20600

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METAL FORMING MACHINE

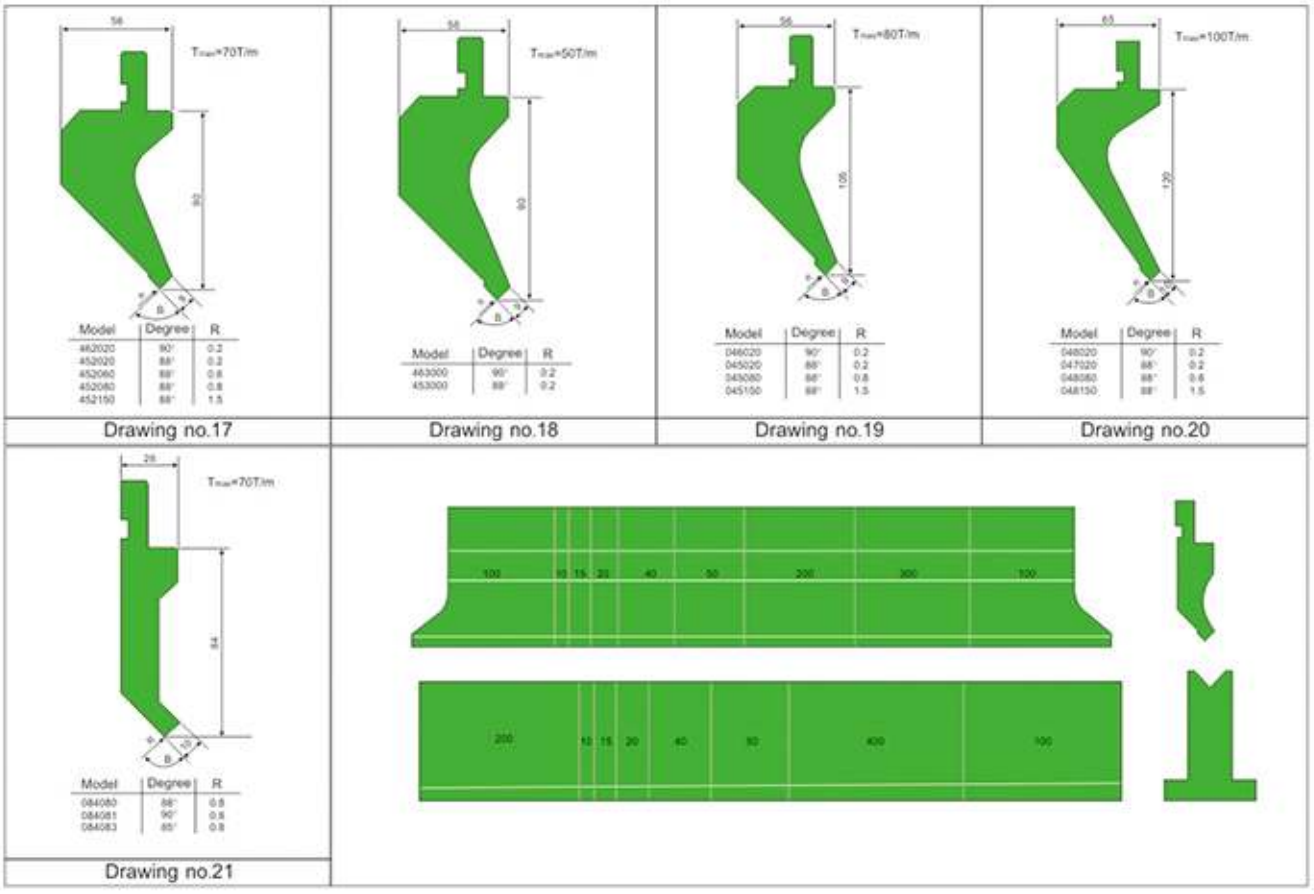
EUROPEAN STANDARD MOULD

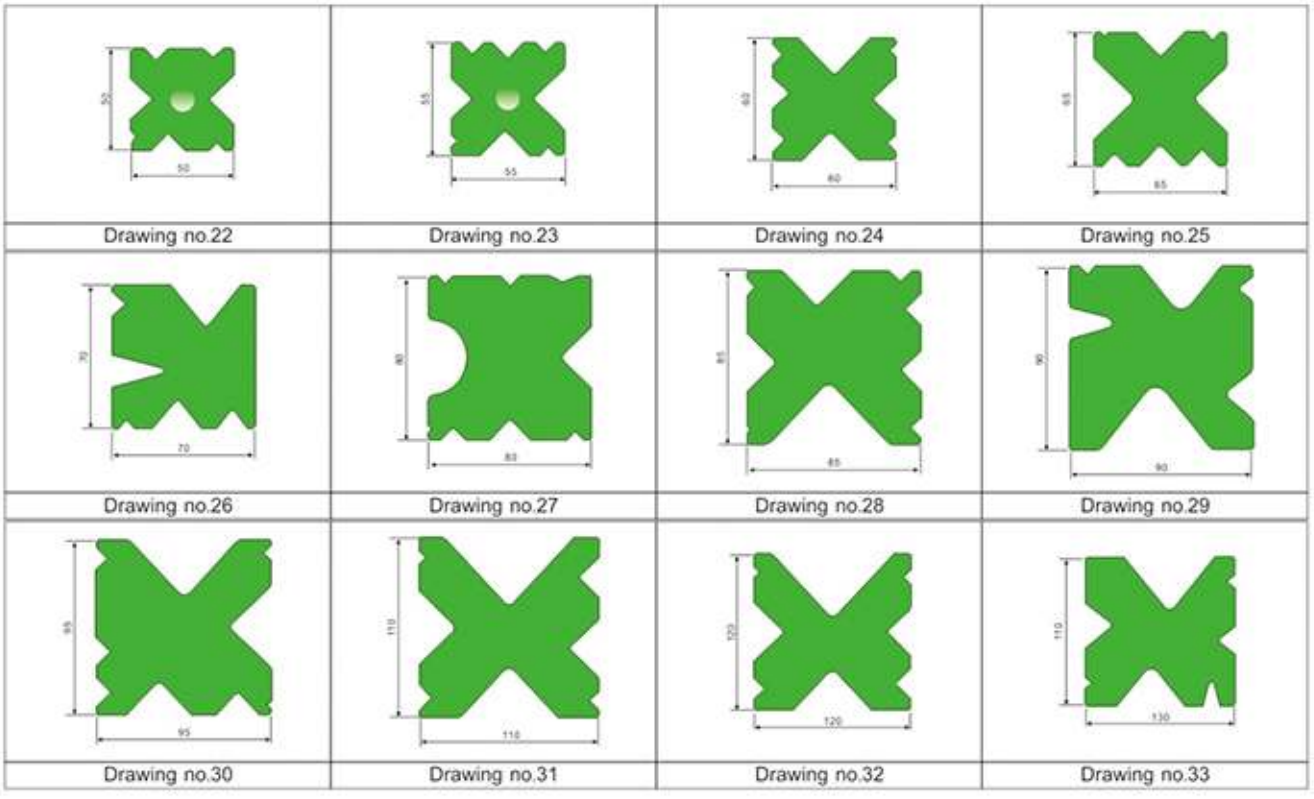


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METAL FORMING MACHINE

EUROPEAN STANDARD MOULD

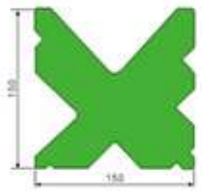




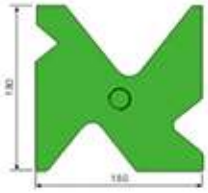
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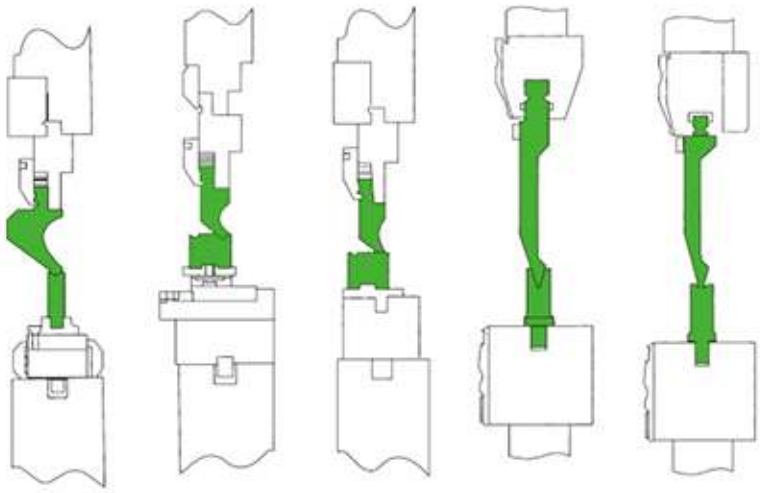
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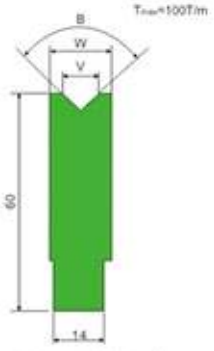


Drawing no.34



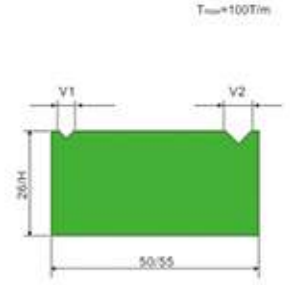
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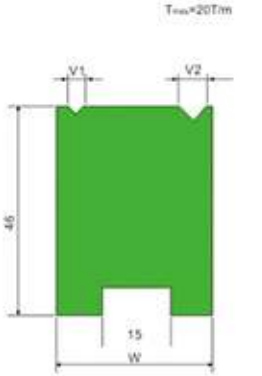
Model	Degree	V	W
V6.90	90	6	14/14
V8.90	90	8	14/14
V10.90	90	10	14/14
V12.90	90	12	17/14
V10.88	88	10	17/14
V12.88	88	12	18/14
V6.30	30	6	16/14
V8.30	30	8	19/14
V10.30	30	10	24/14
V12.30	30	12	28/14
V14.30	30	14	32/14

Drawing no.36



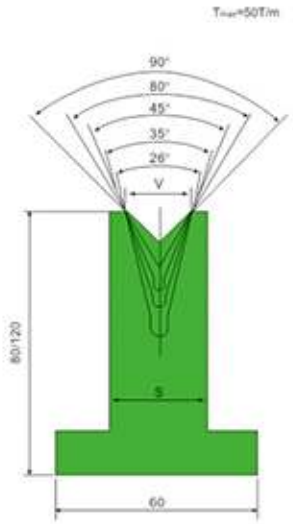
Model	Degree	V1/V2	Tmax
V4/V7.26.90	90	4/7	60T/M
V6/V10.26.90	90	6/10	70T/M
V8/V12.26.90	90	8/12	80T/M
4/V7.26.88	88	4/7	60T/M
V8/V12.26.88	88	8/12	80T/M
V6/V10.26.88	88	6/10	70T/M
V14/V18.26.88	88	14/18	100T/M
V12/V20.26.88	88	12/20	100T/M

Drawing no.37



Model	Degree	V1/V2	Tmax
V4/V7.46.90	90	4/7	60T/M
V6/V10.46.90	90	6/10	70T/M
V8/V12.46.90	90	8/12	80T/M
V14/V18.46.88	88	14/18	100T/M
V12/V20.46.88	88	12/20	100T/M

Drawing no.38

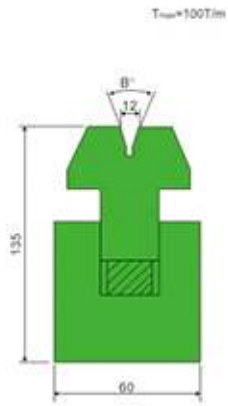


Drawing no.39



Model	Degree	R
21030081	30°	0.8
21030060	30°	0.6
21030151	30°	1.5
31030301	30°	3.0

Drawing no.40



Model	Degree	R
33024	35°	2

Drawing no.41

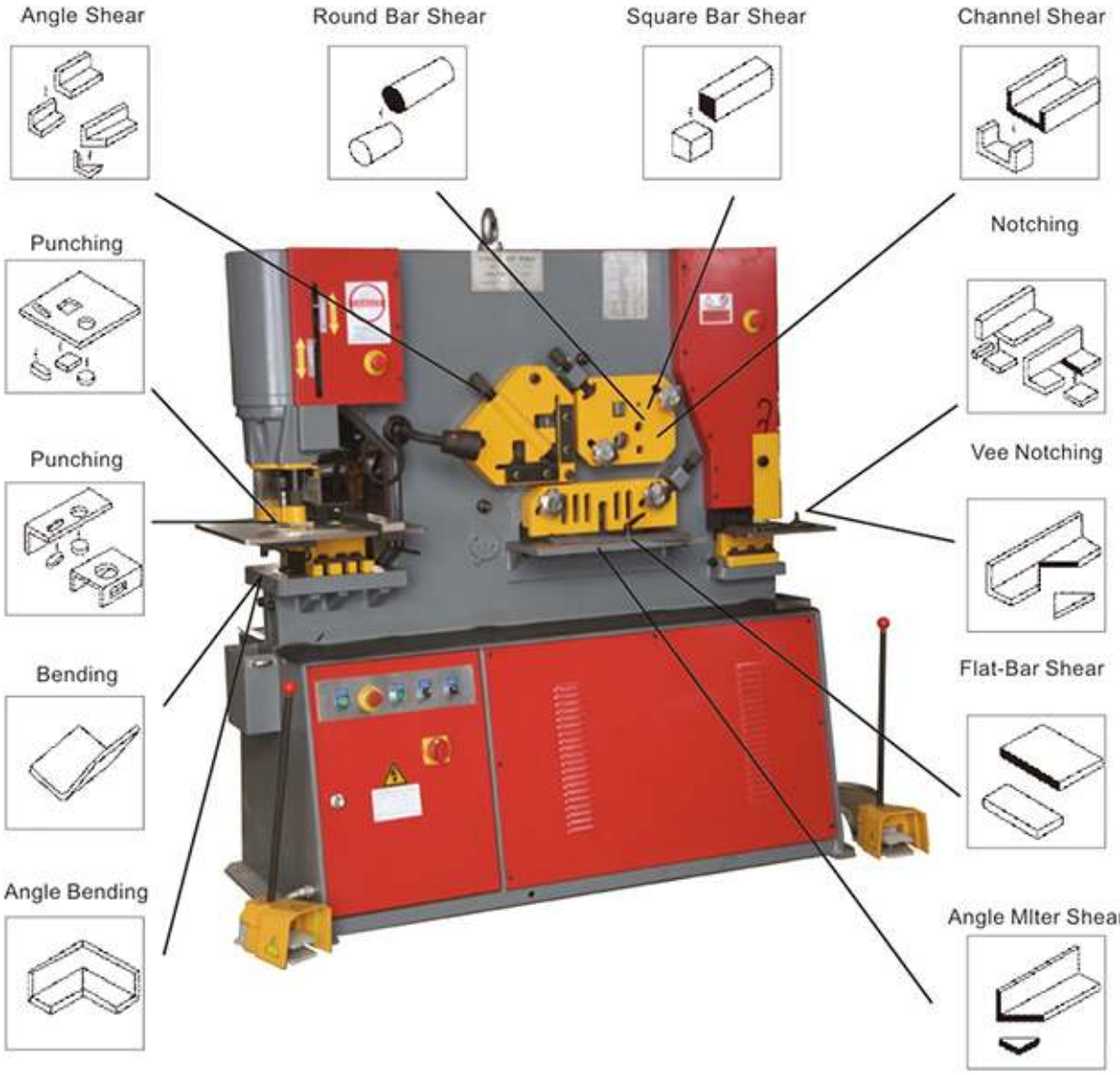
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METAL FORMING MACHINE

HYDRAULIC IRON WORKER

"H-S/SD/SSD" SERIES DOUBLE CYLINDER MODELS HYDRAULIC IRON WORKER

The double cylinder "H-S/D"series are in the tradition of well engineered iron workers built for high power,quality,and reliability.These iron workers have two control paddels and separate operations can be safely performed without interference. The low pressure setting for tool change provides maximum operatiton safety. The long punching cylinder stroke and deep throat enable mounting a wide range of special equipment. The large punching base with the "T-slot" fixing provide a solid base for securing the punching tooling, as well as a wide range of optional and custom designed tooling



Standard Equipment:

- 1pc Punch and 1 pc Die.
- Quick Change Punch Device
- BENDING Mould 300x65x65mm for H-66, H-90
  Bending Mould 500x95x95mm for H-120,H-165
- Large Working Table 500x500 mm
- 1000mm Electrical Back Gauge
- Φ51mm "U" Type Circle
- Clamping Cylinder

- Atos Pump and Valve
- Round Punch and Die
- Oval or Square Punch and Die
- Channel Shear and Joist Chear
- Oil Filter
- Reducing Sleeve
- Conveyor Table
- Adjustable in Worktable
- Super Big working table (500x1000mm)
- Table with Linear Guide
- Φ 20mm, Φ 32mm, Φ 60mm "U" Type Circle

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METAL FORMING MACHINE

EUROPEAN STANDARD MOULD

"H-S/SD/SSD" SERIES DOUBLE CYLINDER MODELS





Adjustable in Worktable



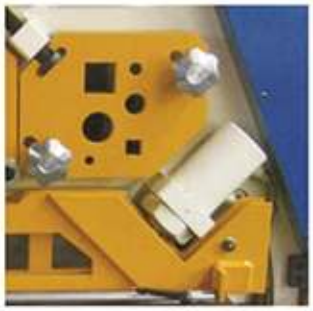
Working Table



Convevor Table



Table with Linear Guide



Halogen Lamp



Striper

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METAL FORMING MACHINE

HYDRAULIC IRON WORKER

HYDRAULIC IRON WORKER WITH DOUBLE CYLINDER



Quality heavy duty hydraulic components
Used therefore ensuring great raliablility



Electrical cabinet with low 25 Volt DC
Control circuit providing full protection
Quality Schneider electrical components



Quality highhorsepower motors, with universal
oil filter for ease of maintenance



Punching Station
Full Range of universal punches and dies are available
Unique style allows for large angleiron
Punching and large channel punching



Punching Station
Large viewing window on stripper
Swing away design for ease of operation.
Large two pieces gauging table with rulers
and stopmaximum
as Standard equipment. Quick change coupling nut
And sleeve for rapid replacement or change



Notching Station
Unique design allows for unsurpassed cutting of
Angle and flat bar
Electrically interlocked safty guard for maximum
operator safety
Ventilated guard for maximum operator visiblity
Three gauging stops for precise positioning



Three foot electronic back gauge
Supplied as standard equipment
Fine adjustment allows for precision cut
Fully protected electrical harness or safety
And reliability. Large contact button
For maximum productivity



Flat Bar Shearing Station
Easily adjustable hold down with good operator
Visibility for accurate cutting large 15"



The angle iron shear has the ability to cut angle
iron at 45 degrees both top and bottom leg. This
gives t the operator the ability to make a picture
frame corner for perfect welds



Round and square bar shear has multiple
Holes for variety of sizes. Adjustable
holdown For clean square cutting
Optional channel and I beam shears
available



Diamond shaped blade for quality cuts and
no material loss with minimal deformity.
45 degrees miter cut top both top and
bottom leg for a picture frame corner



Large heavy duty knobs
Precise square bar cutting

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METAL FORMING MACHINE

HYDRAULIC IRON WORKER

"H-S/SD/SSD" SERIES DOUBLE CYLINDER MODELS HYDRAULIC IRON WORKER

Model	H-66 H-66SD H-66SSD	H-90 H-90SD H-90SSD	H-120 H-120SD H-120SSD	H-165SSD	H-200
PUNCHING					
Punching Pressure	66 Ton	90 Ton	120 Ton	165 Ton	200 Ton
Punching Capacity	Φ22x20	Φ26x22	Φ31x27	Φ36x32	Φ40x35
(Diameterx Thickness)	Φ50x9	Φ50x12	Φ50x17	Φ50x23	Φ50x28
Throat Depth S: SD: SSD:	300 450 600	355 510 600	400 550 600	------ ------ 600	------ ------ 600
Channel Flange Punching (Height)	180	180	180	180	
Max. Stroke Length	100	100	100	100	
Cycles/Min. (20mm stroke)	30	30	28	40	
Working Height Up to Die	950	1050	1050	1120	
FLAT SHEARING					
Flat Bar Shear	350x15	460x15	610x18	600x20	35x550
(Width x thickness)	240x20	300x20	400x25	400x30	15x700
Blade Length	410	485	620	610	
485A620n610gle Flange Trim	70	75	90	100	
Working Height	910	926	920	920	
ANGLE SHEARING					
At 90° Shearing	130x130x13	152x152x13	152x152x18	205x205x18	
At 45° Miter Shearing	60x60x6	60x60x6	70x70x7	70x70x7	
Working Height	1115	1165	1185	1185	
BAR SHEARING					
Round Bar Shear	Φ45	Φ50	Φ60	Φ65	Φ65
Square Bar Shear	40x40	50x50	50x50	55x55	60x60
Channel Shear	130*	152*	180*	203*	
I Beam Shear	130*	152*	180*	203*	
Working Height	1220	1270	1310	1370	
NOTCHING					
Rectangular Notcher (WxDxT)	50.8x90x9	50.8x90x12	63.5x90x13	63.5x90x16	
Vee-Notcher (Side x side x T)	90x90x10*	90x90x12*	105x105x13*	105x105x16*	
Large V-Notcher (Side x side x T)	145x145x8*	145x145x10*	145x145x13*	145x145x13*	
Working Height	910	926	920	920	
SPECIAL TOOLING					
Slingle Vee Press Brake (WxT)	250x15*	250x15*	250x20*	250x20*	
Multi-Vee Press Brake (WxT)	500x5*	500x5*	700x5*	700x5*	
Angle Bending	102x6*	102x8*	102x13*	102x13*	
Pipe Notching	Φ114	Φ114	Φ114	Φ114	
OTHER					
Motor	4kw	5.5kw	7.5kw	11kw	15kw
Net Weight (Apr.) S: SD: SSD:	1600kg 1900kg 2200kg	2260kg 2550kg 2720kg	4100kg 4800kg 5100kg	------ ------ 6300kg	------ ------ 7500kg
Gross Weight (Apr.) S: SD: SSD:	1750kg 2050kg 2380kg	2400kg 2700kg 2880kg	4250kg 4950kg 5250kg	------ ------ 6300kg	
Machine Dimensions (Apr.) S: SD: SSD:	1710x800x1770 1930x800x1770 2080x800x1770	1860x800x1900 2130x820x1900 2220x820x1900	2360x960x2090 2550x960x2090 2600x960x2090	------ ------ 2720x1040x2300	------ ------ 2795x1040x2300

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METAL FORMING MACHINE

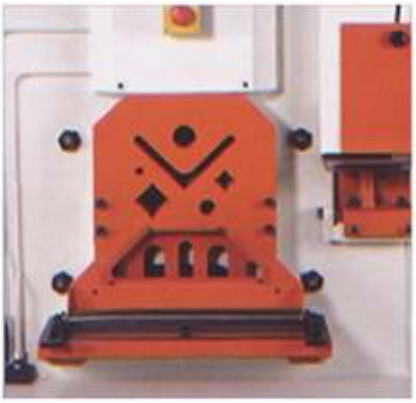
HYDRAULIC IRON WORKER

C-SERIES SINGLE CYLINDER HYDRAULIC IRON WORKERS

MODEL	H-45C	H-60C	H-85C
PUNCHING			
Punching Pressure	45 Ton	60 Ton	85Ton
Punching Capacity	¢ 22x15	¢ 22x20	¢ 27x22
(Diameter x Thickness)	¢ 40x8	¢ 40x11	¢ 50x12
Throat Depth	165	200	410
Channel Flange Punch (Height)	..	..	75-180
Max. Stroke Length	30	40	100
Cycles/Min. (15mm stroke)	37	34	38
Working Height Up to Die	1050	1050	1050
FLAT SHEARING			
Flat Bar Shear	300x10	350x15	406x20
Blade Length	310	360	410
Working Height	800	805	726
ANGLE SHEARING			
Shearing Capacity	45 Ton	60 Ton	110 Ton
Shearing Cylinder Stroke Length	..	..	50
At 90° Shearing	75x75x6	100x100x8	130x130x12
Working Height	1000	1070	1040
BAR SHEARING			
Round Bar Shear	¢ 30	¢ 40	¢ 45
Square Bar Shear	25x25	38x38	45x45
Channel Shear	76*	102*	152*
Beam Shear	76*	102*	
NOTCHING			
Rectangular Notcher (WxDxT)	50.8x90x7	50.8x90x8	63.5x90x12
Vee-Notcher (Side x Side x T)	90x90x8*	90x90x8*	
Large Vee-Notcher (Side x Side x T)	..	..	145x145x10*
Channel Notching	..	..	180-200
Working Height	1050	1050	1050
SPECIAL TOOLING			
Single Vee Press Brake (LxT)	160x8*	160x8*	250x15*
Multi-Vee Press Brake (LxT)	250x4*	250x6*	500x5*
Angle Bending	65x8*	65x8*	102x8*
Pipe Notching	¢ 63*	¢ 63*	¢ 114*
OTHER			
Electric Power (HP)	5HP	7.5HP	10HP
Net Weight(Apr.)	840 kg	1180 kg	2750 kg
Gross Weight (Apr.)	940 kg	1320 kg	
Machine Dimensions (Apr.) (LxWxH)	1050x760x1490	1180x760x1630	1795x1020x1865
Packing Dimensions (Apr.) (LxWxH)	1320x920x1770	1450x920x1910	2150x1180x2170

Note: Based on material strength of 45kg/mm2 tensile.





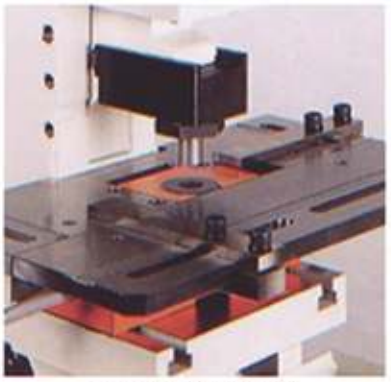
Hydarulic hold-down



Punching Tool on Notching Station



Urethane Spring Stripper



Channel Notching

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METAL FORMING MACHINE

HYDRAULIC IRON WORKER

HIW-SERIES SINGLE CYLINDER HYDRAULIC IRON WORKERS



HIW-40



HIW-60

MODEL	HIW-40	HIW-45	HIW-60	Q35Y-12A
PUNCHING				
Rated Capacity	40T	45T	60T	60T
Max. Capacity(mm)	20x15	22x15	28x15	24x12
Diameter x Thickness(mm)	38x8	38x8	38x11	
Stroke Length(mm)	32	50	55	35
Speed-20mm travel(cycles/min)	23	20	26	
Throat Size(standard)(mm)	175	175	220	115
Largest Hole(optional)	57	110	110	
Max. Section Flange Punch(mm)	--	102	102	
Working Height(mm)	1075	940	940	
SHEARING				
Flat Bar-Max. thickness(mm)	200x13	200x15	200x20	150x12
Flat Bar-Max. width(mm)	350x6	300x12	300x15	300x4
Angle Iron Trim(mm)	80x10	80x10	80x10	
Working Height(mm)	1075	940	940	
ANGLE CUTTING				
90° Cut(mm)	80x8	100x10	127x12	80x80x8
45° Mitre Cut(mm)	50x6	70x6	80x8	
Working Height(mm)	1210	1140	1140	
SECTION CUTTING				
Round/Square Bar(mm)	30/25	30/30	40/35	35/30x30
Channel/Beam(optional)(mm)	76x38	80x45	102x51	100x48
Tee(optional)(mm)	38x6	40x7	76x10	80x50
Working Height(mm)	1160	1160	1160	
NOTCHING				
Material Thickness(mm)	--	8	10	6
Width(mm)	--	35	42	40
Depth Vee/Rectangular(mm)	--	60/75	60/100	80
Angel Flange(mm)	--	80x10	100x10	
Working Height(mm)		940	940	
TECHINICAL				
Motor	4Hp	4Hp	5.5Hp	5.5Hp
Net Weight/Gross Weight(Kg)	570/640	11001200	13001450	900
Machine Dimension(cm)	106x55x148	145x59x162	152x59x170	96x54x183
Packing Dimension(cm)	122x64x159	159x86x182	177x86x186	

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METAL FORMING MACHINE

HYDRAULIC PUNCHING MACHINE

Model	H-60P	H-90P	H-120P	H-165P	H-200P
Pressure (Ton)	60	90	120	165	200
Punching Capacity	ϕ 22 x 20	ϕ 26 x 22	ϕ 31 x 27	ϕ 36 x 32	ϕ 40 x 35
Max. Diameter x Thickness	ϕ 50 x 9	ϕ 50 x 12	ϕ 50 x 17	ϕ 50 x 23	ϕ 50 x 28
Throat depth (mm)	400	400	500	500	600
Ram stroke (mm)	80	80	80	80	80
Cycles/min (20mm stroke)	28	28	28	27	25
Power of main motor (kw)	4	5.5	7.5	11	15
Overall dimensions (L*W*H) mm	1350x730x1770	1380x800x1900	1720x960x2090	1870x1040x2300	1975x1040x2300
Weight of machine(kg)	1400	1600	3200	4300	5200



H-90P



M55

HYDRAULIC IRON WORKER

Model		M50	M55	M60
Punching	Max. capacity	1"dia. In 5/8" plate	1-1/16"dia. In 5/8" plate	1" dia. In 3/4" plate
Flat bar shearing	Max. width	1/2" x 10"	1/2" x 12" or 3/8" x 14"	1/2" x 12" or 3/8" x 14"
	Max. thickness	3/4" x 4"	3/4" x 4"	3/4" x 4"
Angle shearing	Max. size	4" x 4" x1/4" or 3" x 3" x 3/8"	4" x 4" x1/4" or 3" x 3" x 3/8"	4" x 4" x3/8" or 3" x 3" x 1/2"
Coper notcher	Max. capacity	-----	-----	1 – 1/2" x 5" x 1/4"
	Max. thickness			2 – 1/2" x 4" x3/8"
Rated capacity		50 Ton	55 Ton	60 Ton
Throat depth		7"	7-1/2"	7-1/2"
Open height		8 – 1/8"	8"	8"
Shut height		7"	6 – 3/4"	6 – 3/4"
Stroke		1-1/8"	1 – 1/4"	1 – 1/4"
Motor power		5HP	5HP	5HP

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METAL FORMING MACHINE

MANUAL SLIP ROLL MACHINE

Specification	Max. thickness	Max. width	Dia of roll	Packing size	N.W/G .W(kg)
SJ320	2.5 mm	320 mm	5 mm	49 x 23 x 20 cm	12/13
SJ300	2.5 mm	300 mm	5 mm	43 x 22 x 8.5 cm	10.4/11
W01-0.8x305	0.8 mm	305 mm	25.4 mm	55 x 25 x 28 cm	13/14.5
W01-0.8x610	0.8 mm	610 mm	38 mm	95 x 27 x 38 cm	37/40
W01-0.8x915	0.8 mm	915 mm	50 mm	133 x 34 x 50 cm	80/98
W01-0.8x1000	0.8 mm	1000 mm	50 mm	148 x 54 x 50 cm	106/130
W01-1.5x915	1.5 mm	915 mm	50 mm	134 x 45 x 54 cm	95/120
W01-1.5x1300	1.5 mm	1300 mm	75 mm	175 x 53 x 63 cm	245/275
W01-0.8x1300	0.8 mm	1300 mm	75 mm	173 x 45 x 54 cm	220/250
KW01-0.8x1250	0.8 mm	1250 mm	70 mm	155 x 59 x 128 cm	135/193



SJ320



SJ300



W01-0.8X305



W01-1.5X915



W01-1.5X1300



KW01-0.8X1250

Model	Max. thickness (mm)	Max. width(mm)	Dia. of roll (mm)	Dimension (mm)	Net Weight (kg)
W01 - 2 x 610	2.0	610	60	1260 x 620 x 1180	166/195
W01 -2 x 1000	2.0	1000	60	1550 x 620 x 1180	200/240
W01 - 2 x 1250	2.0	1250	60	1800 x 620 x 1180	223/260
W01 - 0.8 x 2050	0.8	2050	60	2550 x 500 x 700	290/380
RS - 1.5 x 2050	1.5	2050	90	3080 x 1250 x 700	760/---
RS – 2.0 x 1550	2	1550	90	2580 x 1250 x 700	560/---
RS – 2.5 x 1270	2.5	1270	90	2300 x 1250 x 700	450/---
RS – 3 x 1050	3	1050	90	2080 x 1250 x 700	410/---







W01-2 X 1000



RS-3 X 1050

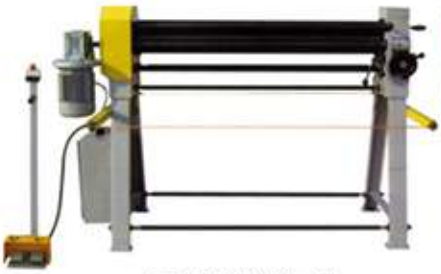
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METAL FORMING MACHINE

ELECTRIC SLIP ROLLER MACHINE



ESR-1300 x 1.5



ESR-1020 x 2



ESR-1300 x 1.5E

Model	Max.rolling width (mm)	Max.rolling thickness (mm)	Motor power（kw）	N.W/G.W(kg)	Dimension(cm)
ESR-1300 x 1.5	1300	1.5	1.5	280/340	190 x 55 x 110
ESR-1020 x 2	1020	2.0	1.5	260/300	174 x 70 x 126
ESR-1300 x 1.5E	1300	1.5	1.5	280/340	190 x 55 x 110
ESR-1300 x 2.5	1300	2.5	1.5	540/600	200 x 70 x 120
ESR-1300 x 4.5	1300	4.5	2.2	750/830	200 x 76 x 127
ESR-1550 x 3.5	1550	3.5	2.2	790/890	222 x 76 x 127
ESR-2020 x 3.5	2020	3.5	3.0	1100/1200	270 x 87 x 130
ESR-1300 x 6.5	1300	6.5	3.0	1100/1190	208 x 80 x 134
ESR-2070 x 2.5	2070	2.5	2.2	1060/1200	282 x 87 x 130
ESR-2070 x 3.5	2070	3.5	3.0	1110/1250	282 x 87 x 130
ESR-2500 x 0.8	2500	0.8	2.2	780/930	310 x 74 x 120
ESR-2550 x 2.5E	2510	2.5	3.0	1508/1750	334 x 82 x 142
ESR-2550 x 3.5E	2510	3.5	3.0	1529/1771	334 x 82 x 142
ESR-3050 x 2.5E	3010	2.5	4.0	1696/1986	384 x 82 x 142
ESR-3050 x 3.5E	3010	3.5	5.5	1958/2248	384 x 82 x 142



ESR-1300 x 4.5







pic.1



pic.2

Electric lifting of back Roller

Digital Indicator of back Roller position

Pic.1 and Pic.2 are for ESR-2550 x 2.5E , ESR-2550 x 3.5E , ESR-3050 x 2.5E , ESR-3050 x 3.5E

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METAL FORMING MACHINE

MECHANICAL 3 ROLLER ASYMMETRIC PLATE BENDING MACHINE







PR11F-6X2000

The aiscraft structure for the asymmetric three-roll machine, the upper is the main drive, the down rollers take-off and landing exercise in order to clamp plate, and through the gears of the down rollers and upper roll meshing at the same time as the main transmission, the side roll for take-off and landing dumping campaign with pre-bending roll and a round of double features. Compact, easily cooperation and maintenance.

Model	Max thickness	Max width	Yielding Limit of Sheet Metal	Min Full Loading Diameter of Colied Plate	Diameter of Top Shaft	Diameter of bottom Shaft	Central Distance between bottoms Shafts	Motor power	Packing size	Weight
	(mm)	(mm)	(Mpa)	(mm)	(mm)	(mm)	(mm)	(kw)	(mm)	kgs
PR11F-2*1000	2	1000	245	250	120	120	120	2.2	1680x660x1170	850
PR11F-2*1200		1200		250				2.2	2080x660x1170	950
PR11F-3*1300	3	1300		200	130	130	130	2.2	2100x900x1200	1000
PR11F-3*1500		1500		250				2.2	2380x780x1170	1050
PR11F-2*2000	2	2000		250	125	125	125	2.2	2880x780x1270	1550
PR11F-4*1200	4	1200		300	140	140	140	3	2000x800x1270	1575
PR11F-6*1000	6	1000		350				3	1880x660x1370	1600
PR11F-6*1500		1500		400	150	150	150	4	2380x1000x1570	1950
PR11F-6*2000		2000		400	160	160	160	4	2880x1000x1570	2890

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METAL FORMING MACHINE

MECHANICAL THREE ROLLERS SYMMETRIC BENDING MACHINE



Structural characteristics

The machine adopts 3-roller symmetrical structure with the upper roller moving vertically in the center between the two lower rollers, which is achieved through the drive of the screw, the nut, the worm and the lead screw, The two lower rollers rotates, and provides the plate materials with torque through the engagement of the output gear of the moderator with the gear of the lower rollers. The disadvantage of the machine is that the ends of the plate material need to have the help from other equipment for pre-bending.

Specification	Max thickness of coiled plate (mm)	Max with of cliled plate(mm)	Yield limit of sheet metal (mm)	Coiling speed (m/min)	Min full loading diameter (mm)	Diameter of top shaft	Diameter of bottom shaft (mm)	Motor power (kw)
PR11M-6x1500	6	1500	245	5	450	160	160	4
PR11M-6x2000		2000		4.5		185	170	5.5
PR11M-6x3200		3200						
PR11M-8x2500	8	2500		4	600	240	180	7.5
PR11M-12x2000	12	2000						
PR11M-12x3000		3000			700	280	250	11
PR11M-16x2500	16	2500					240	
PR11M-16x3200		3200						
PR11M-20x2000	20	2000			850	330	270	15
PR11M-20x2500		2500				340	280	
PR11M-25x2000	25	2000						



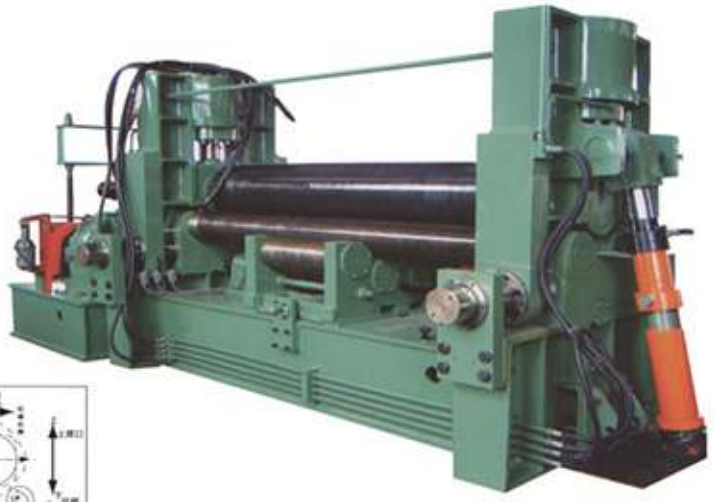
The up and down parts of W11 series three rollers plate bending machine utilizes mechanism. The transportation parts are mechanically driven. he upper roller can be moved up and down by the motor to discharge the workpiece. According to the customer's requirement, the machine can be supplied with specific rollers to bend angle steel and steel pipe Side wheels for angle stee/ steel pipe bending are available (Supplied on customers request).

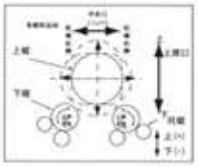
Model	Maximum width (mm)	Maximum width (mm)	Yield limit (mpa)	Minimum diameter full capacity (mm)	Top roller diameter (mm)	Bottom roller diameter (mm)	Motor (kg)	Weight (kg)	Size (LxWxH)
W11-16x2500	16	2500	245	Φ550	Φ280	Φ280	19.5	11000	6500x1200x1200
W11-16x3100	16	3100	245	Φ600	Φ310	Φ300	19.5	13000	7100x1200x1400
W11-20x2500	20	2500	245	Φ600	Φ310	Φ300	7.5	12000	6500x1200x1400
W11-10x1300	10	1300	245	Φ250	Φ230	Φ200	5.5/2.2	3152	3160x980x1430
W11-8x2500	8	2500	245	Φ230	Φ230	Φ210	5.5/2.2	4300	4360x980x1430
W11-10x2000	10	2000	245	Φ400	Φ210	Φ190	5.5/2.2	3752	3860x980x1430
W11-6x3100	6	3100	245	Φ250	Φ230	Φ210	5.5/2.2	4715	4960x980x1430
W11-4x1300	4	1300	245	Φ145	Φ135	Φ110	3/1.5	1125	2400x700x1280
W11-3x1600	3	1600	245	Φ145	Φ135	Φ110	3/2.2	1207	2700x720x1280
W11-3x2000	3	2000	245	Φ150	Φ140	Φ110	3/2.2	1360	3100x700x1280

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METAL FORMING MACHINE

HYDRAULIC UPPER ROLLER UNIVERSAL PLATE ROLLING MACHINE





*With Prebending
*Top Roller can move
*Towards Left and Right

Optional Machine Colour:

Specification

Model	Maxrolling thickness (mm)	Maxpre-rolling thickness (mm)	Plate width (mm)	Diameter of upper roller (mm)	Main motor power (kw)
PR11HU-12x2000	12	10	2000	250	5.5
PR11HU-16x2000	16	12	2000	255	7.5
PR11HU-16x2500	16	12	2500	300	15
PR11HU-18x3000	18	14	3000	350	15
PR11HU-20x3000	20	16	3000	375	22
PR11HU-25x2500	25	20	2500	380	22
PR11HU-30x2500	30	25	2500	410	30
PR11HU-30x3000	30	25	3000	450	30
PR11HU-32x3000	32	28	3000	460	37
PR11HU-35x2500	35	30	2500	460	37
PR11HU-35x3000	35	30	3000	510	45
PR11HU-40x2500	40	35	2500	500	45
PR11HU-40x3000	40	35	3000	540	55
PR11HU-40x4000	40	32	4000	610	55
PR11HU-45x3000	45	40	3000	590	55
PR11HU-45x4000	45	40	4000	660	75
PR11HU-50x4000	50	45	4000	700	75
PR11HU-55x3000	55	45	3000	620	75
PR11HU-55x4000	55	50	4000	750	90
PR11HU-60x3000	60	50	3000	650	75
PR11HU-60x4000	60	55	4000	780	90
PR11HU-65x4000	65	60	4000	810	90
PR11HU-70x3000	70	60	3000	710	75
PR11HU-70x4000	70	65	4000	840	90
PR11HU-75x3000	75	65	3000	740	90
PR11HU-80x3000	80	70	3000	770	90
PR11HU-80x4000	80	75	4000	900	90
PR11HU-90x3000	90	80	3000	800	90
PR11HU-100x3000	100	90	3000	860	90

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METAL FORMING MACHINE

3 ROLLERS HYDRAULIC PLATE BENDING MACHINE WITH ARC ADJUSTMENT

Model	MaxPrebending Thickness (mm)	Yield limit (MPa)	Maximum width	Maximum thickness	Bending speed (m/min)	Main Motor (Kw)	Diamention (mm)
			Min bending diameter under fulload (mm)				
RH-6×2000	4	245	500		5.2	5.5	3.21×1.17×1.31
RH-4×2500	2	245	500		5.2	5.5	3.17×1.17×1.31
RH-8×2000	5	245	550		5	5.5	3.21×1.17×1.31
RH-6×2500	4	245	550		5	5.5	3.71×1.17×1.31
RH-12×2000	8	245	600		5	5.5	4.15×1.32×1.49
RH-8×2500	5	245	600		5	5.5	4.65×1.32×1.49
RH-16×2000	12	245	700		4.5	7.5	3.29×1.62×1.64
RH-12×2500	8	245	700		4.5	7.5	4.42×1.62×1.64
RH-8×3200	6	245	700		4.5	7.5	5.12×1.62×1.64
RH-20×2000	14	245	800		5	18.5	4.38×1.36×1.49
RH-16×2500	12	245	800		5	18.5	4.88×1.36×1.49
RH-12×3200	8	245	800		5	18.5	5.58×1.36×1.49
RH-25×2000	20	245	1100		4	18.5	4.13×1.96×1.75
RH-20×2500	14	245	1100		4	18.5	4.63×1.96×1.75
RH-16×3200	12	245	1100		4	18.5	5.33×1.96×1.75
RH-25×2000	20	245	800		5	18.5	4.63×1.96×1.75
RH-20×3200	14	245	800		5	18.5	5.33×1.96×1.75
RH-16×4000	12	245	800		5	18.5	6.13×1.96×1.75
RH-32×2000	25	245	1300		4	22	4.60×2.42×2.51
RH-25×3200	20	245	1300		4	22	5.30×2.42×2.51
RH-20×4000	14	245	1300		4	22	6.10×2.42×2.51
RH-35×2500	25	245	1500		4	30	5.7×2.85×2.97
RH-32×3200	25	245	1500		4	30	6.4×2.9×3
RH-25×4000	20	245	1500		4	30	7.2×2.9×3
RH-50×2500	42	245	1700		3	55	6.35×2.66×3.02
RH-40×3200	32	245	1700		3	55	7.05×2.66×3.02
RH-32×4000	25	245	1700		3	55	7.85×2.66×3.02
RH-60×2500	50	245	1900		2.5	55	6.4×3.2×3.5
RH-50×3200	40	245	1900		2.5	55	7.1×3.2×3.5
RH-40×4000	32	245	1900		2.5	55	7.9×3.2×3.5
RH-75×2500	60	245	2000		2	75	6.7×3.3×3.6
RH-60×3200	50	245	2000		2	75	7.4×3.3×3.6
RH-50×4000	40	245	2000		2	75	8.2×3.3×3.6

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METAL FORMING MACHINE

3 ROLLERS HYDRAULIC PLATE BENDING MACHINE WITH ARC ADJUSTMENT



Feature

1. European Technology
2. Upper roller are fixed,the 2 bottom rollers can be up and down seperately
3. The 3 rollers are all of the driving rolls, the 2 bottom rollers can move up and down around the fixed turning center, so the lipped phenomenon hardly happens
4. The rolls are drived by Hydraulic Motor and/or Gear Box
5. The machine have prebend function, the plate can be formed to the circular tube, curved and conical work piece
6. Operation are convenience and easy
7. The 3 rollers have same diameter
8. The machine are made use of micro-computer, and automatically displayed by the screen, so it is convenient to the operator to observe and control the process of forming plate
9. Induction hardened rolls
10. The hydraulic valves are from Japan
11. Hydraulic motor are from Sino-German Joint Venture Products

4 ROLLER HYDRAULIC PLATE BENDING MACHINE



4R-HBM-12x2500

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METAL FORMING MACHINE

4 ROLLER HYDRAULIC PLATE BENDING MACHINE

Features:

The machine adopts the four-roller structure with the upper roller as the main drive, Both upward and downward movement Through hydraulic motors powered. The Lower roller makes vertical movements and imposes a force on the piston through the hydraulic oil in the hydraulic cylinder so as to clamp the plate tight.Side rollers are arranged on the two sides of the lides of the lower roller, and make inclining movement along the guide rail, and provide drive through the screw, the nut, the worm and the lead screw. The advantage of the machine is that the preliminary bending and rolling of the top ends of the plates can be conducted on the same machine.

Specification	Thickness of plate mm	Width of plate mm	Rapid of coiled plate m/mm	Min full loading diameter of coiled plate mm	Diameter of top shaft mm	Diameter of bottom shaft mm	Diameter of side shaft mm	Motor power kw	Yieding limit of sheet metal mpa	Dimension L*W*H mm	Weight t
4R-HBM-4*2100	4	2100	4.5	360	180	170	150	3	245	4042*1254*1380	3.28
4R-HBM-6*2100	6			380	190	180	160	4	245	4142*1300*1390	4.4
4R-HBM-8*2100	8			420	210	200	180	5.5	245	4142*1300*1390	4.62
4R-HBM-10*2100	10			460	230	210	190	5.5	245	4522*1438*1520	6
4R-HBM-13*2100	13			520	260	250	220	7.5	245	4532*1489*1520	7.2
4R-HBM-16*2100	16			580	290	270	240	11	245	4532*1500*1840	8
4R-HBM-20*2100	20			640	320	300	260	11	245	4595*1611*1840	9.12
4R-HBM-25*2100	25			700	350	330	280	15	245	4611*2021*1920	10.4
4R-HBM-30*2100	30			760	380	360	300	15	245	5061*2177*2200	18.8
4R-HBM-35*2100	35			820	410	390	330	18.5	245	5296*2585*2300	24
4R-HBM-40*2100	40			900	450	420	360	22	245	5469*2585*2300	32
4R-HBM-45*2100	45			940	470	440	390	30	245	5500*2600*2300	34
4R-HBM-50*2100	50			1000	500	470	420	30	245	5679*2905*3000	40
4R-HBM-55*2100	55			1040	520	500	440	37	245	5669*2926*3000	51
4R-HBM-60*2100	60			1080	540	520	470	45	245	6169*2925*3000	53
4R-HBM-4*2600	4	2600		380	190	180	160	4	245	4542*1254*1380	3.6
4R-HBM-6*2600	6			420	210	200	180	5.5	245	4642*1300*1390	4.6
4R-HBM-8*2600	8			460	230	210	190	5.5	245	4642*1300*1390	5.5
4R-HBM-10*2600	10			460	230	210	190	5.5	245	5022*1438*1520	7.2
4R-HBM-13*2600	13			580	290	270	240	11	245	5032*1489*1730	8.1
4R-HBM-16*2600	16			640	320	300	260	11	245	5085*1611*1840	10.5
4R-HBM-20*2600	20			700	350	330	280	15	245	5042*1677*1900	11.8
4R-HBM-25*2600	25			760	380	360	300	15	245	5741*1983*2100	15.8
4R-HBM-20*3100	20	3100		760	380	360	300	15	245	5542*1677*1900	13.2
4R-HBM-25*3100	25			840	420	400	340	22	245	6241*1983*2100	17.5
4R-HBM-30*3100	30		4	920	460	430	380	30	245	6061*2177*2200	22.5
4R-HBM-35*3100	35			1000	500	470	420	30	245	6469*2585*2300	32
4R-HBM-40*3100	40			1100	550	520	460	45	245	6500*2750*2500	40
4R-HBM-45*3100	45			1200	600	560	520	45	245	6669*2925*3000	52
4R-HBM-50*3100	50			1280	640	610	550	45	245	7239*3570*3500	66

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METAL FORMING MACHINE

T44Q/T44K UNCOIL-LEVEL-SLIT-CUT-RECOIL LINE
CUT-TO-LENGTH LINE









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METAL FORMING MACHINE

PROFILE BENDING MACHINE



RBM30



W24-400



W24Y-500



W24Y-1000

Model	RBM30	
Dia. of roller	30mm	
Power	1.1kw/1.5HP	
Spindle speed	9r/min	
Packing size	82x62x126cm	
N.W/G.W	270/320kg	
Capicity	Size	Min. Dia (mm).
	Φ20x1	500
	Φ30x1	800
	Φ16	400
	20x20x1	800
	30x30x1	900
	20x10	320
	30x10	320

Model		W24-400	W24Y-500	W24Y-1000
Yield limit		≤245	≤245	≤245
Minimum beading dia (Angle steel leg out)		300-1200	240-1800	300-1350
Capacity		L40x4	L50x5	L75x7
Main motor(kw)		1.5	2.2/2.2	4/3
Dimension	L	1040	1250	1100
	W	780	770	1320
	H	1400	1650	1250
Weight(kg)		365	820	1670





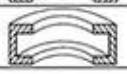
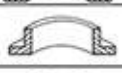
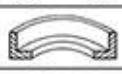
RBM30HV

Model		RBM30HV	
Dia.. of roller		30mm	
Power		0.75kw/1 HP	
Spindle speed		9r/min	
Packing size		120x75x121cm	
N.W/G.W		244/282kgs	
Capacity	Size(mm)	Min dia.(mm)	Article No.
	40x40x3	1000	One set standard roller
	50x15	350	
	50x30x3	1200	
	Φ15 Φ20 Φ25 Φ30	600	HV30-15-4
	40x40x2 40x40x3 40x40x4 40x40x5	400	HV30-15-5
	40x40x2 40x40x3 40x40x4 40x40x5	400	HV30-15-6
	50x50x2 50x50x3 50x50x4 50x50x5	400	HV30-15-7
	50x25x2 50x25x3 50x25x4 50x25x5	300	HV30-15-8
	50x25x2 50x25x3 50x25x4 50x25x5	400	HV30-15-9
	50x25x2 50x25x3 50x25x4 50x25x5	300	HV30-15-10
	Φ35x2 Φ40x2 Φ45x2 Φ50x2 Φ50x2 Φ60x2	1000	HV30-15-11

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METAL FORMING MACHINE

PROFILE BENDING MACHINE

Model	RBM40HV		RBM50/RBM50HV		HRBM 40HV		HRBM 50HV		HRBM 65	
Dia.of roller(mm)	Φ40		Φ50		Φ40		Φ50		Φ65	
power	1.5kw/2HP		2.2kw/3HP		1.5kw/2HP		2.2kw/3HP		2.25kw	
Spindle speed	9.3r/min		13r/min		9.3r/min		13r/min		9.3r/min	
Packing size (mm)	127×89×158		100×82×155		134×93×185		150×95×134		125×115×180	
NW/GW(kg)	425/495		450/582		490/586		515/647		720/920	
Capacity (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)	Size (mm)	Min Dia. (mm)
	50×10 20×6	600 800	60×10 40×10	500 650	50×10 20×6	600 800	60×10 40×10	500 650	80×25 40×10	600 500
	60×20 30×6	800 1250	100×15 60×10	920 1150	60×20 30×6	800 1250	100×15 60×10	920 1150	120×25 50×10	600 400
	30×30 10×10	650 1100	35×35 20×20	600 780	30×30 10×10	650 1100	35×35 20×20	600 780	50×50 20×20	600 400
	50×6 30×3	600 500	60×7 50×5	750 500	50×6 30×3	600 500	60×7 50×5	750 500	80×40×7 40×40×5	500 400
	50×6 30×3	600 500	60×7 50×5	750 700	50×6 30×3	600 500	60×7 50×5	750 700	80×40×7 40×40×5	400 360
	60×40×6 30×15×4	600 900	80×45×6 65×40×5	600 550	60×40×6 30×15×4	600 900	80×45×6 65×40×5	600 550	100×50×6 50×40×5	600 500
	60×40×6 30×15×4	600 900	80×45×6 65×40×5	650 550	60×40×6 30×15×4	600 900	80×45×6 65×40×5	650 550	100×50×6 50×40×5	600 500
	50×5 30×4	500 500	60×5 50×5	500 500	50×5 30×4	500 500	60×5 50×5	500 500	70×6 40×5	500 400
	50×5 30×4	500 500	60×5 50×5	700 700	50×5 30×4	500 500	60×5 50×5	700 700	70×6 40×5	600 500
	Φ30 Φ10	650 1100	Φ35 Φ30	600 650	Φ30 Φ10	650 1100	Φ35 Φ30	600 650	Φ50 Φ20	600 400
	50×50×2.5 30×30×2	700 800	60×60×3 40×40×3	600 500	50×50×2.5 30×30×2	700 800	60×60×3 40×40×3	600 500	70×70×3 30×30×3	900 500
	50×25×2.5 40×20×2	800 1000	70×50×3 50×40×3	1200 800	50×25×2.5 40×20×2	800 1000	70×50×3 50×40×3	1200 800	80×40×3 50×30×2	800 500



RBM40HV



RBM50/RBM50HV



HRBM50HV



HRBM65

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METAL FORMING MACHINE

PROFILE BENDING MACHINE WITH ARC ADJUSTMENT









Varicty tyle / Main technical specifications		W24Y-					W24YPC-				
		30	45	75	100	140	180	260	320	400	500
Profile max.bend section module		30	45	75	100	140	180	260	320	400	500
Bending speed (m/min)		5					4				
Profile yield limit(Mpa)		δ S≤250									
Angle steel inside bend	Max section (mm)	80×8	90×10	100×10	120×12	140×16	150×16	160×16	180×14	200×18	200×20
	Min bend dianeter(mm)	1200	1500	2000	2500	2400	2600	2600	3600	3600	4000
	Max section (mm)	35×3	36×5	38×4	40×5	50×5	50×6	60×6	70×6	75×6	85×6
	Min bend dianeter(mm)	560	600	600	720	1000	1200	1200	1500	1400	1600
Angle steel outside bend	Max section (mm)	90×10	100×10	120×10	140×16	150×16	160×16	180×14	200×18	200×24	250×25
	Min bend dianeter(mm)	1100	1300	1600	1800	2200	2000	2500	3600	3600	4000
	Max section (mm)	35×3	36×5	38×4	40×5	50×5	50×6	60×6	70×6	75×6	85×6
	Min bend dianeter(mm)	500	600	700	760	800	1000	1000	1300	1500	1600
Channel steel outside bend	Max section (mm)	16	20	25	28	30	32	36	40	45	50
	Min bend dianeter(mm)	800	1000	1100	1700	1200	1500	1800	2000	2000	2400
Channel steel inside bend	Max section (mm)	16	20	25	28	30	32	36	40	45	50
	Min bend dianeter(mm)	1000	1150	1600	1700	1700	1800	1800	2000	2000	2400
Flat steel bend	Max section (mm)	180×25	200×30	220×40	250×40	280×50	300×50	330×50	360×60	400×75	500×76
	Min bend dianeter(mm)	800	900	1000	1200	1300	1500	1900	2000	2400	2400
Flat steel vertical bend	Max section (mm)	90×20	100×25	110×40	120×40	150×40	180×30	190×40	190×50	200×50	200×60
	Min bend dianeter(mm)	800	1000	1100	1300	1500	2000	2000	2400	2200	2500
Round pipe bend	Max section (mm)	89×5	89×8	114×6	159×8	168×8	168×10	219×10	245×12	273×12	325×16
	Min bend dianeter(mm)	900	920	1200	2000	2200	2400	3500	3000	4000	4600
Round bar bend	Max section (mm)	62	75	85	90	100	110	120	135	150	160
	Min bend dianeter(mm)	600	800	1000	1100	1200	1300	1350	1800	2000	2100
Square pipe bend	Max section (mm)	70×4	80×6	90×8	100×10	125×10	140×10	150×10	165×10	180×12	200×12
	Min bend dianeter(mm)	1000	1200	1600	2000	2500	3000	3000	3500	3500	5000
Hydraulic Pressure		≤8	≤12	≤14	≤16	≤16	≤16	≤18	≤20	≤25	≤25
Oil Pump Pressure		12	16	16	21	21	21	25	31.5	31.5	31.5
Motor Power		7.5	11	15	18.5	22	30	45	55	75	75
Measure ment		1.6×1.2 ×1.1	1.8×1.5 ×1.2	2.1×1.8 ×1.6	2.2×1.9 ×1.6	2.5×2.2 ×1.6	3.1×2.3 ×1.8	3.6×2.6 ×1.8	4.0×3.2 ×2	4.5×3.5 ×2.2	5.5×4.0 ×2.5
Weight		3400	5000	7000	9000	11000	16000	23000	30000	36000	45000

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METAL FORMING MACHINE

HYDRAULIC NOTCHING MACHINE



HNM-4×200F (Fixed Angle)



HNM-4×200V (Variable Angle)



HNM-6×250F (Fixed Angle)



HNM-6A×200V (Variable Angle)

Specification	Cutting thickness (mm)	Cutting length (mm)	Cutting angle range (°)	Dimension (mm)	Power (kw)	Net weight (kg)
HNM-4*200F	0.5-4	200	45°,90°,135°	1000*1000*1200	3	520
HNM-4*200V	0.5-4	200	40°-135°	1500*950*1400	4	450
HNM-6*200F	0.5-6	200	45°,90°,135°	1000*1000*1200	4	530
HNM-6*200V	0.8-6	200	60°-135°	1000*1000*1200	5.5	1300
HNM-6*250F	6.5	250	90°	1010*850*1400	4	630
HNM-6A*200V	6	200	30°-140°	1060*900*1210	4	1020

Remarks:HNM-6Ax200V Max. Punching Diameter:40mm

DUCT MANUCFACTURE AUTO-LINE I, II



Line I



Line II

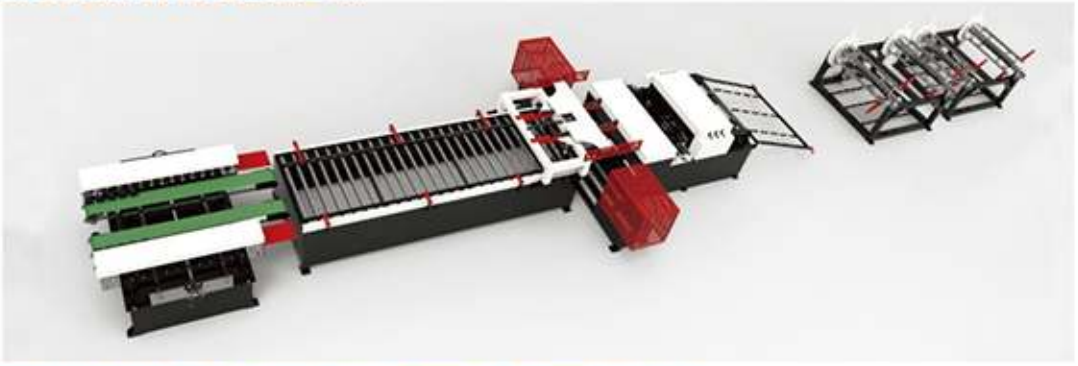
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DUCTING MACHINE SERIES

DUCT AUTOMATIC LINE Ⅲ



DUCT AUTOMATIC LINE Ⅳ



DUCT AUTOMATIC LINE Ⅴ (STRAIGHT LINE)



DUCT AUTOMATIC LINE Ⅴ (U TYPE)



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DUCTING MACHINE SERIES

SPIRAL TUBE FORMER



GD-1602







Model	GD-1602
Diameter range	80-1600mm
Thickness range	0.4 to 1.3 mm galvanized steel, stainless steel up to 0.8 mm and aluminum up to 1.3 mm
Strip width	Standard 137 mm up to 1 mm thickness, 140 mm above.
Currugations	Either one or two beads.
Lock seam	Outside tube, on the inside on request.
Production speed	Max.60 meters/min. Depending on material.
Tube cutting	The patented flying slitter.
Options	Automatic length control system. Controlled corrugation unit. Flange slitter. Saw blade cutter.

Model	GD-1500
Diameter range	80-1500mm
Thickness of Strip	0.4-1.2mm
Width of Strip	137-140mm
Strip Speed	1-38m/min
Lockseam	Outside tube, on the inside on request
Electrica	380V/3PH/50HZ (According to customer's request)





GD-1500 Forming tapes

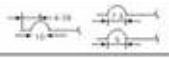


Quick and easy change from one diameter to another

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DUCTING MACHINE SERIES

GORE LOCKER WITH MOTOR DRIVER

Model	GD-700
Min.Diameter of Elbow	150-700mm
Min.Diameter of the hoop	150mm
Max.Thickness of material	1.2mm
Function and size	
The metal protects the shell and presses the form of the hoop and size	
Weight	350kg
Dimension	1050x550x1250mm



GD-700

Model	GD-1000	GD-1000C	GD-1500
Max.Thickness	1.2mm	2.0mm	2.0mm
Dia. Range	Φ150-1000mm	Φ150-1000mm	Φ150-1500mm
Forming speed	7r/min	7r/min	7r/min
Motor power	1.5kw*2	2.2kw*2	2.2kw*2
Weight	556kg	556kg	610kg
Dimension	2550*870 *930mm	2550*870 *930mm	2550*870 *950mm



HYDRAULIC GORE LOCKER

Model	GD-1250
Electrical Power	380V/50HZ/3PH
Main Power	4KW+120W
Hydraulic oil	55L
Consumption of com-pressed air	75L/hour 0bar
Maximum forming speed	120m/min
Diameter range	125-1250mm
Material Thickness	Black steel 0.4-1.2mm Galvanized steel 0.4-1.2mm Stainless steel 0.4-0.8mm Aluminum 0.4-1.2mm
Weight	750kg
Dimension	2650mm*850mm*1090mm



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DUCTING MACHINE SERIES

ALUMINIUM DUCT FORMING MACHINE







LF-300-B

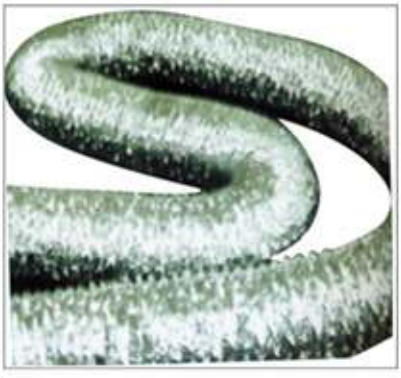
Type	LF-300-B
Diameter range	Φ100-Φ500mm
Material thickness	0.06-0.15mm
Raw material width	60mm
Feeding speed	0-46m/min
Lock from	Double-deckes tabby locking
Electrical power	380V/3PH/50HZ
Main motor power	1.5kw
Power of cutting	0.12kw
Weight of mainframe	440kg
Mainframe dimension	2210*830*1530mm

Type	LR-600A
Diameter range	Φ100-Φ600mm
Thickness	0.025mm
Raw material width	35-45mm
Feeding speed	40m/min
Forming speed	2-3m/min
Main motor power	1.5kw
Weight	400kg
Dimension	2350*1000*1520mm



LR-600-A





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DUCTING MACHINE SERIES

PITTSBURGH LOCK MACHINE

LC-12 and LC-15 series Pittsburgh lock machine are the most widely used machines in manufacturing ducts. They boast a variety of distinctive features to meet buyer's requirement by replacing rolls. They are light and easy to move. They are suitable for being used on site. LC-12 can process sheet of 0.5-1.2mm thickness. LC-15 can process sheet metal of 0.7-1.5 thickness.



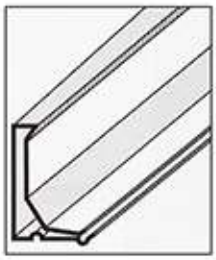
LC-12DR

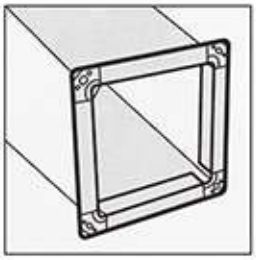
No	Model	Motor(kw)	Capacity(mm)	Shape	Weight(kg)	Dimension size (L.W.H) (mm)
1513002	LC-10	1.5	0.3-1.0		175	920*580*890
1513102	LC-10R	1.5	0.3-1.0		185	920*580*1020
1513021	LC-10C	1.5	0.3-1.0		185	920*580*1020
1513042	LC-10E	2.2	0.3-1.0		220	1200*600*950
1513015	LC-10B	1.5	0.3-1.0		175	920*580*880
1513003	LC-12	1.5	0.5-1.2		215	1050*580*880
1513013	LC-12R	1.5	0.5-1.2		220	1050*580*1050
1513103	LC-12B	1.5	0.5-1.2		210	1050*580*880
1513123	LC-12BR	1.5	0.5-1.2		225	1050*580*1060
1513023	LC-12C	1.5	0.5-1.2		210	1050*580*880
1513033	LC-12D	1.5	0.5-1.2		215	1050*580*880
1513133	LC-12DR	1.5	0.5-1.2		230	1050*580*1050
1513063	LC-12M	2.2	0.5-1.5		360	1520*650*1010
1513004	LC-15	2.2	0.7-1.5		280	1140*660*920
1513104	LC-15R	2.2	0.7-1.5		305	1150*660*1080
1513014	LC-15B	2.2	0.7-1.5		285	1150*660*920
1513124	LC-15BR	2.2	0.7-1.5		305	1150*660*1080
1513025	LC-15C	2.2	0.7-1.5		290	1150*660*1080
1513034	LC-15D	2.2	0.7-1.5		290	1150*660*920
1513134	LC-15DR	2.2	0.7-1.5		310	1150*660*1080
1513064	LC-15M	2.2	0.7-1.5		360	1420*650*1010
1513005	LC-20	3	0.7-2.0		435	1650*680*1160
1513122	LC-10BR	1.5	0.3-1.0		185	920*580*1020

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DUCTING MACHINE SERIES

TDC FLANGE MAKING MACHINE





Model	Rolls shape	Capacity (mm)	Motor (kw)	Weight (kg)	Size (LxWxH)
PDF-30		0.8-1.0	5.5	3500	4200x600x1150
PDF-30A		0.8-1.0	5.5	3500	4200x600x1520
2-PDF-30	500-1200	0.8-1.0	7.5	7200	4200x700x1200

Model	Rolls shape	Capacity (mm)	Motor (kw)	Weight (kg)	Size (LxWxH)
T-20	a=20	0.6-0.8	3	2200	3650x700x1500
T-30	a=30	1.0	3	2500	3650x700x1500
T-25	a=25	0.8	3	2500	4300x750x1500
T-35	a=35	1.0	4	3000	4300x750x1500
T-40	a=40	1.0-1.2	4	2500	3650x700x1500
	Pneumatic cutting		1.5	380	3000x1000x1260
	Manual cutting		1.0	120	1550x820x700

Model	Name	Capacity (mm)	a size	shape
T-20DC	Duct corner	2.5	a=95	
T-30DC	Duct corner	3	a=105	
T-40DC	Duct corner	3.5	a=123	
LT-30	Duct corner	3	a=105	
T-35DC	Duct corner	3	a=106	
BC-10	Duct clip	5		



T-30

TDF TRANS-VERSE FLANGE MANUFACTURE SYSTEM

TDF system is divided into three types: T-12, T-15, duplex machine Z-T12. Both sides of T-12 and T-15 are formed at the same time, one side forms into transverse flange shape"ک", and the other side forms crooked clip shape"ک". Both sides of duplex machine 2-T12. Are formed into "ک", shape at the same time. Its width range can be adjusted from 300mm to 1530mm.



T-12

Model	Motor (kw)	Capacity (mm)	shape	"a" size	Weight (kg)	Size (LxWxH) (mm)
T-12	3	0.5-1.2		35-0.5	1500	2800x600x1120
T-15	4	0.6-1.2		34-0.5	1800	3200x750x1000
MT15 MT30	4	0.6-1.2 (TDF) 0.8-1.0 (TDC)		35-0.5	3000	3200x900x1000
2-T12	4	0.6-1.2	300-1530	35-0.5	3000	3200x2700x1100
L-TDF-10	5.5	0.8-1.0		35-0.5	3000	4500x750x1100

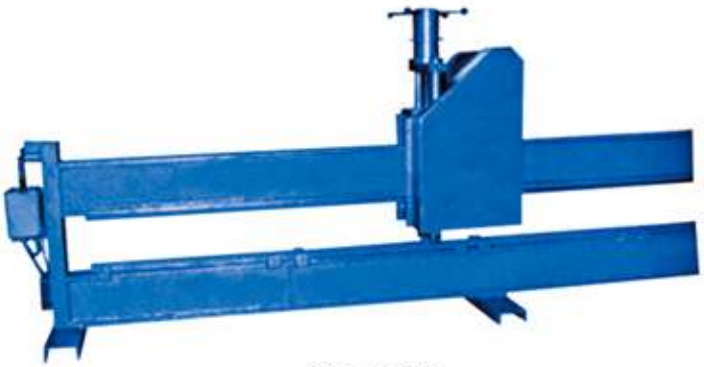
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DUCTING MACHINE SERIES

BENDING GROOVING MACHINE



G2x1250-5
Five veins pipe bending grooving machine



G1.5x2300
Single vein bending grooving machine

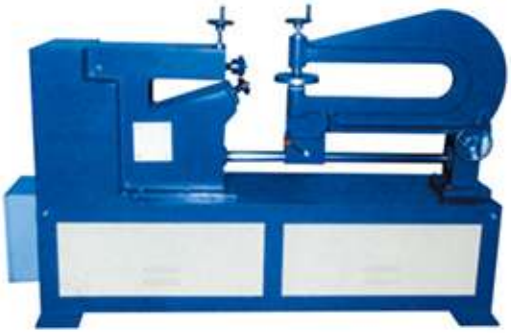


YJB1.5X1500
Round pipe bending grooving machine

Model	Thickness mm	Width mm	Shape	Main Motor KW	Weight KG	Dimension Size (LxWxH) mm
G1.2x1250-5	1.5	1250		2.2	800	1680x860x1260
G2.0x1250-5	2	1250		3	860	1830x860x1370
G1.2x2000-7	1.2	2000		3	1000	2500x860x1370
G1.0x2500-7	1	2500		3	1370	2970x860x1370
G1.5x2300	1.5	2300		0.75	420	3000x650x1002
YJB-1.5x1500	1.5	1500		0.75	850	2700x1165x1850

The power round slitting machine is especially designed to produce a round sheet. It can slit sheet with 1.2 mm thickness and can produce a cycle with φ1250mm.

Model	Motor	Capacity	Weight	Dimension size (L.W.H)
QRR-12	1.5 kw	1.2xφ1250mm	730kg	2300x700x1420mm



QR-12
Power Round Slitting Machine



LQ-15
Power Slitting & Bending Machine

The machine is multi-functional for slitting and bending. It can slit sheet with 15mm thickness and 1.25m width, being suitable for duct spot-forming.

Model	Motor	Capacity	Shape	Weight	Dimension size (L.W.H) mm
LQ-15	1.5 kw	1.5 mm		265 kg	1600x600x1120

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DUCTING MACHINE SERIES

UNIVERSAL HAND, POWER SWAGING, TENNYING AND WIRING MACHINE



LH-10A LH-10 LH-8

Model	Shape	Capacity (mm)	Motor (kw)	Weight (kg)	Dimension size (L.W.H)(mm)
LX-18		1.8	2.2	145	850*450*1180
LX15		1.5	0.75	85	870*400*1000
LX-10		1.0		50	470*615*1030
LX-8		0.8		18	300*200*400
LX-10A		1.0		30	400*600*1100



LX-15 LX-18



Tennying and wiring machine includes two types: Universal hand tennying and wiring machines.It's mainly used to produce and combine bending grooving of round tube.It can produce different shapde workpieces by special rolling wheels.

BEAD BENDING MACHINE



TB-12



ETB-12



ETB-25
ETB-40

Model	TB-12	ETB-12	ETB-25	ETB-40
Thickness max	1.2mm/18Ga	1.2mm/18Ga	2.5mm/12Ga	4mm/8Ga
Cylinder length	140mm/5-1/2"	140mm/5-1/2"	120mm/4-3/4"	165mm/6-1/2"
Throat depth	200mm/8"	200mm/8"	280mm/11"	300mm/12"
Cylinder speed	-	32rpm	20rpm	15.3rpm
Motor power	-	0.75KW/1HP	1.5KW/2HP	2.2KW/3HP
Net weight	48kg/106lb	120kg/265lb	235kg/518lb	341kg/752lb
Packing size	67×32×60cm	110×48×148cm	147×58×135cm	165×58×140cm

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DUCTING MACHINE SERIES

POWER SLITTING & BENDING MACHINE

Model	LQ15	RM18E
Thickness	1.5mm(16Ga)	1.8mm(15Ga)
Throat depth	100-600mm(4"-24")	238mm(9"-3/8")
Diameter	Φ382-Φ782mm	-
Motor	1.5kw	1.5kw
Speed	1060mm/min-1253mm/min	-
Packing size	137×77×142cm	88×53×123cm
N.W/G.W	300/410kg	140/171kg



RM18E



LQ15

STITCH WELDING MACHINE



Type	FN-35	FN-50	FN-75	FN-100	FN-125	FN-160
Rated capacity	35KVA	50KVA	75KVA	100KVA	125KVA	160KVA
Rated input voltage	Single phase 380V,50HZ					
Rated input current	92A	131A	197A	263A	328A	420A
Output idling voltage	4.2V	5V	6.1V	7.2V	8V	8.5V
Rated load cycle	50%					
Max Welding thickness(mm) for zinc steel	0.8+0.8 0.5+0.5	1.5+1.5 1.0+1.0	2+2 1.5+1.5	2.5+2.5 2+2	3+3 2.5+2.5	3.5+3.5 3+3
Welding speed	0.8-3.2m/min					
Electrode moving	20mm					
The flow of cooling water	120L/H					
Welding are length	350mm-1200mm(according customers demands)					
Machine weight(kg)	470	500	620	720	810	930

SPOT WELDING MACHINE



DN-40



Type	DN-40
Input voltage (V)	380±10
Input capacity(<VA)	40
Rated load cycle(%)	12
Welding thickness (mm)	1.5+1.5
Max.Pressure of electrode(N)	393
Electrode journey(mm)	60

THE COMPACT HELIX OVALIZER

Specifications	TYFG-3100
Motor	22KW
Max-length	3100mm
(working range)	R75×400---R75×1000
	R100×400---R100×1000
	R150×400---R150×1000
	R175×400---R175×1000
	R200×400---R200×1000
	R250×400---R250×1000
Weight	3280kg
Dimension size	5000×1100×1200mm

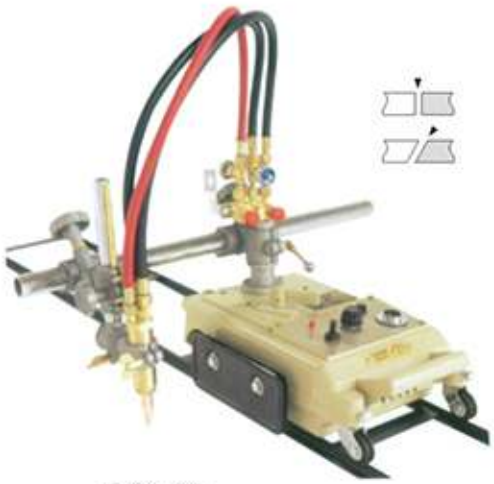


TYFG-3100

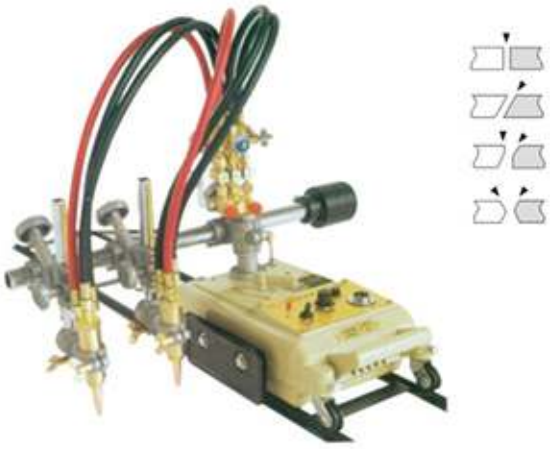
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WELDING AND CUTTING MACHINE

GAS CUTTER



CG1-30



CG1-100

CG1-30 GAS CUTTER (REVISED)

- The main body is made of aluminum of high strength by diecasting minutely.
- Speed system is adjusted by conteolled silicon.
- Oxygen acetylene hose is made of high quality rubber with advanced process.
- Attached quick connector for hose quick link.
- Quick switch is attached in pipe assembly for higher efficiency.
- Mainly for staight line cutting and for circular cutting > φ200mm.
- Single torches cutting,groove range:I.Y.V(45°)
- Applied in shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.

CG1-100 GAS CUTTER (REVISED)

- The main body is made of aluminum of high strength by diecasting precisely.
- Speed system is adjusted by conteolled silicon.
- Oxygen acetylene hose is made of high quality rubber with advanced process.
- Quick connector is attached for hose quick link.
- Quick switch is attached in pipe assembly for higher efficiency.
- Mainly for staight line cutting and for circular cutting > φ200mm.
- Double torches cutting,groove range: I.Y.V(45°)
- Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.

MODEL NO.	OVERALL DIMENSION MM	SUPPLY VOLTAGE V / HZ	CUTTING THICKNESS MM	CUTTING SPEED MM / MIN	DIA.OF.CIRCLE CUTTING MM	WEIGHT KG
CG1-30	470×230×240	AC220 / 50	6-100	50-750	Φ200-Φ2000	16
CG1-100	470×230×240	AC220 / 50	6-100	50-750	Φ200-Φ2000	21

HK-12 BEETLE PORTABLE GAS CUTTER

- The main body is made of aluminum of high strength by die-casting.
- It features light and compact in structure, as ideal portable machine.
- Speed system adopts mechanical adjustment which can keeps running continuously under high temperature.
- Advanced motor with fan for cooling.
- Quick switch is attached in pipe assembly for higher efficiency.
- Circular rail can be equipped as required for circular piece cutting.(optional)
- Groove range: I.Y.V(45°)
- Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



HK-12



HK-12A

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WELDING AND CUTTING MACHINE

GAS CUTTER

MODEL NO.	OVERALL DIMENSION MM	SUPPLY VOLTAGE V / HZ	CUTTING THICKNESS MM	CUTTING SPEED MM / MIN	DIA.OF.CIRCLE CUTTING MM	WEIGHT KG
HK-12	350×140×175	AC220 / 50	6-100	150-800	290-Φ540	10
HK-12A	350×140×175	AC220 / 50	6-100	150-800	910-Φ1160	10

CG_2-150 PROFILING GAS CUTTER

- The main body is made of aluminum by die-casting minutely.
- Speed system is adjusted by integrated circuit,keeping running steadily.
- Oxygen acetylene hose is made of high quality rubber for durable use.
- Various kinds of spare parts can be cut as per pattern.
- High precision in cutting with well smooth surface
- Especially for batch producing of components in same pattern.
- Applied to shipbuilding,oil production,metallurgy, metal structure and other manufacturers etc.
- Suitable for field work.



CG_2-150

MODEL NO.	OVERALL DIMENSION MM	CUTTING THICKNESS MM	CUTTING SPEED MM / MIN	DIA.OF.CIRCLE CUTTING MM	LENGTH OF LINE CUTTING MM	MAX.SIZE OF CUTTING SQUARE MM	MAX.SIZE OF CUTTING RECTANGLE MM	WEIGHT KG
CG_2-150	1190×335×800	6-100	50-750	Φ20-Φ600	1200	500×500	400×900	56.5
							450×750	



CG_2-11

CG_2-11 MAGNET PIPE GAS CUTTER

- The main body is made of aluminum alloy,light and portable.
- It adopts permanent magnet wheel to crawl on pipe while cutting.
- Can be used for parallel,upright and face upward cutting.
- Bevel angle:I.Y.V(45°).
- Especially for circular cutting,convenient in operation.
- Widely applied to oil production,chemical pipe project.



CG_2-11G

CG_2-11G HAND PIPE GAS CUTTER

- The main body is made of aluminum alloy,light and portable.
- Chain belt is used for lock of pipe and cutter,flexible and convenient in operation.
- Chain belt can be adjusted as per diameter of pipe.
- Bevel angle:I.Y.V(45°).
- Applied to boiler making,oil production,and chemical factory,etc..
- Especially applied for field work without power supply.

MODEL NO.	OVERALL DIMENSION MM	SUPPLY WOLTAGE V / HZ	DIA.OF.CIRCLE CUTTING MM	CUTTING SPEED MM / MIN	CUTTING THICKNESS MM	MAGNETIC ADSORBABILITY KG	WEIGHT KG
CG_2-11	350×310×180	AC220/50	>108	6-50	50-750	>50	20
CG_2-11G	420×280×450	/	>100	6-50	Hand-control	/	13

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WELDING AND CUTTING MACHINE

HVAC PLASMA CUTTING MACHINE

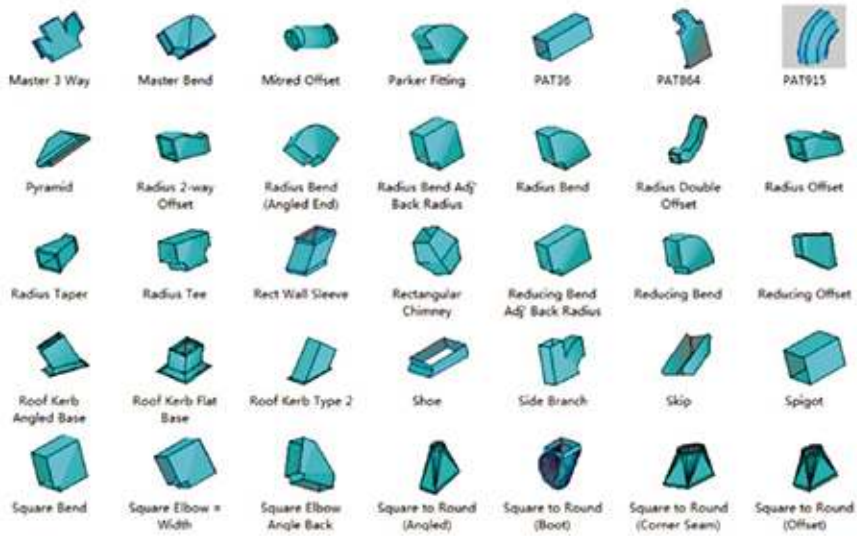


HVAC-5100






Model	Cutting Table (mm)	Capacity (mm)	Cutting Speed (m/min)	Weight (kg)	Dimension Size (L.W.H)
HVAC-3100	1300×3100	0.5-6	10	2500	4660×1900×1500
HVAC-5100	1530×5100	0.5-6	10	3220	6650×2050×1600



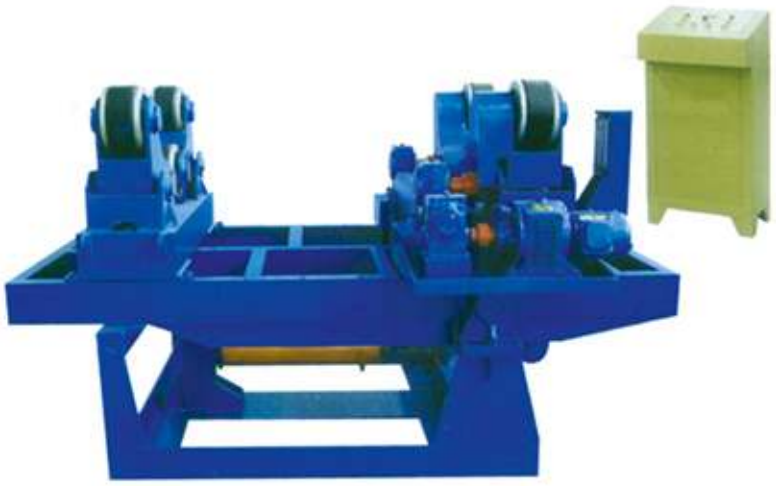
※15" LCD Colorful Touch Screen
※Max Positioning Speed :1200mm/min
※Plasma Unit: Hupertherm, Or Chinese Brand

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WELDING AND CUTTING MACHINE

CONVENTIONAL WELDING ROTATOR

This serise rolling welding rotator have the type of self-aligned,conventionel,which are suitable for welding,polishing,glue-lining,and assembling of the cylinder. Welding rotator can be auto adjusted according to the size of cylinder and the welding rotator can be adjusted manually,which the speed-control mechanism accepts either the stepless speed change of electromagnetic slip motor or the AC frequency conversion speed-changing mechanism to improve the reliability of operatin.The company also can customize welding rotator in all varieties according to clients'requirements



Type	Maxload weight(kg)	Range of suitable workpiece(mm)	Diameterand width of the wheel(mm)		Wheel linear speed(m/h)	Power of motor(kw)	Way of setting
			Rubber rollers	Metal rollers			
GLHK-3	3000	Φ250~Φ1800	Φ200×100	2×Φ194×20	6~60	2×0.25	AC converter stepless speed adjust
GLHK-5	5000	Φ250~Φ2300	Φ250×100	2×Φ240×20	6~60	2×0.37	
GLHK-10	10000	Φ320~Φ2800	Φ300×120	2×Φ290×25	6~60	2×0.55	
GLHK-20	20000	Φ500~Φ3500	Φ350×120	2×Φ340×30	6~60	2×1.1	
GLHK-40	40000	Φ600~Φ4200	Φ400×120	2×Φ390×40	6~60	2×1.5	
GLHK-60	600	Φ750~Φ4800	Φ450×120	2×Φ440×50	6~60	2×2.2	
GLHK-80	80000	Φ850~Φ5000	Φ500×120	2×Φ490×60	6~60	2×3	
GLHK-100	100000	Φ1000~Φ5500	Φ500×120	2×Φ490×70	6~60	2×4	
GLHK-160	160000	Φ1100~Φ6000		Φ650×250	6~60	2×4	
GLHK-250	25000	Φ1200~Φ7000		Φ700×280	6~60	2×5.5	
GLHK-500	500000	Φ1500~Φ8000		Φ850×350	6~60	2×11	
GLHK-630	630000	Φ1500~Φ9000		Φ900×380	6~60	2×11	

SELF-ALIGNED WELDING ROTATOR

The GLHZ series welding rotator is absorbing advantages of similar products at home and abroad,and designed and manufactured by us according to the operation requirements of several pressure vessel factories,and accord with mechanical standard JB/T 1987-1999. It is the device for special purpose adopted to wed metal cylider espcially pressure vessel.It has advantages of advanced technology, reliable quality and simple operation.

This is self-aligned welding rotator which suitable for different diameter products in the range, and it has advantages of stepless speed adjust,low noise transmission and stable turning under the welding parameter in the range.



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WELDING AND CUTTING MACHINE

SELF-ALIGNED WELDING ROTATOR

Type	Maxload weight(kg)	Suitable diameter of vessel (mm)	Diameterand width of the wheel(mm)		Wheel linear speed(m/h)	Power of motor(kw)	Way of setting
			Rubber rollers	Metal rollers			
GLHZ-5	5000	Φ250~Φ2300	Φ250×100	2×Φ240×20	6~60	0.75	AC converter stepless speed adjust
GLHZ-10	10000	Φ320~Φ2800	Φ300×120	2×Φ290×25	6~60	1.5	
GLHZ-20	20000	Φ500~Φ3500	Φ350×120	2×Φ340×30	6~60	2.2	
GLHZ-40	40000	Φ600~Φ4200	Φ400×120	2×Φ390×40	6~60	3	
GLHZ-60	60000	Φ750~Φ4800	Φ450×120	2×Φ440×50	6~60	4	
GLHZ-80	80000	Φ850~Φ5000	Φ500×120	2×Φ490×60	6~60	4	
GLHZ-100	100000	Φ1000~Φ5500	Φ500×120	2×Φ490×70	6~60	5.5	
GLHZ-150	150000	Φ1100~Φ6000	—	Φ600×280	6~60	7.5	
GLHZ-250	250000	Φ1200~Φ7000	—	Φ700×330	6~60	2×5.5	
GLHZ-500	500000	Φ1800~Φ8000	—	Φ850×350	6~60	2×7.5	

CHAMFERING MACHINE



CMD-4



CMD-80

Model	CMD-4	CMD-80	Dm5 / DM5A
Chamfer size	0-4mm	0-6mm	0-5mm
Chamfer angle	15°-45°	15°-45°	45°
Motor power	0.5HP	1.5HP	370/250W
Motor speed	2800rpm	2800rpm	0-4300rpm (Dm5) 2800rpm (DM5A)
Packing size	40x30x25cm	40x50x50cm	34x34x23cm
weight	22kg	20kg	10.5kg

DEBURRING AND BEVELING MACHINE



DM5



DM5A

WELDING TURNING POSITIONER

The welding positioner includes various types such as sidelurch style, head & end retary type, head & end tiltable style and etc. With gyration and upturning if working table, the welding and fitting can be located at the right position. If connected with other welding devices, it can be turned into a half-automatic or full automatic welding machine. The gyration of working table can result in electromagnetic speed variation or frequency control. Because of eccentricity and gravity, it is better to choose a bigger type for ling workpieces or those with too much gravity center deviation,the shape and weight of workpieces, process and working method are provided, our company shall supply a prompt scheme for your reference.





Type	Rated Load (kg)	Rotating Speed (rpm)	Overturning Angle (o)	Size of working table (mm)	Motor power (kw)		Way of setting
					Rotating	Overturning	
HBZ-1	100	0.35-3.5	0-90	Φ400	0.09	0.18	Frequency control
HBZ-3	300	0.2-2	0-90	Φ600	0.37	0.37	
HBZ-6	600	0.09-0.9	0-90	Φ1000	0.75	0.75	
HBZ-12	1200	0.05-0.5	0-120	Φ1200	1.1	1.5	
HBZ-30	3000	0.05-0.5	0-120	Φ1400	1.5	1.5	
HBZ-50	5000	0.05-0.5	0-120	Φ1500	2.2	4	
HBZ-100	10000	0.017-0.17	0-120	Φ2000	3	5.5	
HBZ-200	20000	0.015-0.15	0-120	Φ2300	5.5	7.5	

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WELDING AND CUTTING MACHINE

WELDING MACHINE



Pro ARC175STL



MMA140



Super ARC250



TIG160



ITIG160



TIG100PD



Mirco TIG185DA



Super TIG200EX



TC205DC



FNBC250



MZ1000D



Pulse MIG350D

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WELDING AND CUTTING MACHINE

AUTO-WELDING MANIPULATOR SERIES



Gantry type elevating welding machine





Welding manipulator for outer circumferential seam of long pipe

Technical Performance:

There are a number of designs for the manipulators, such as the stationary and rotating type, and the all orientation type. The movement of the boom is adopted with frequency conversion control, and also you can select PLC programming controller, which is good in mechanic precise, is accurate in positioning, and we are sure the company is able to design and manufacture special manipulators for our customers.



Manipulator working together with positioner



ower body waiting for process

Specification	Heavy-duty			Middle-duty		Light-duty	Precise
	8 x 6	5 x 6	4 x 5	3.5 x 5	3 x 4	2 x 2	3 x 4
Boom up and down stroke	8000mm	5000mm	4000mm	3500mm	3000mm	2000mm	3000mm
Effectivestroke of boom	6000mm	6000mm	5000mm	5000mm	4000mm	2000mm	4000mm
The suitable diameter of cylinder	1000-8000 mm	1000-5000 mm	1000-4000 mm	700-3500 mm	700-3000 mm	500-2000 mm	700-3000 mm
Rotating angle of the base frame	± 180°	± 180°	± 180°	± 180°	± 180°	± 180°	± 180°
Up and down speed of boom	0.9m/min	1m/min	1m/min	1m/min	1m/min	0.1m/min	1m/min
Expansion speed of boom	0.12-1.2 m/ min	0.12-1.2 m/ min	0.12-1.2 m/ min	0.12-1.2 m/ min	0.12-1.2 m/ min	0.12-1.2 m/ min	0.12-1.2 m/ min
Forward and backward speed of the trolley	3m/min	3m/min	3m/min	3m/min	3m/min	1.5m/min	3m/min
The center distance of the trolley track	2308mm	1780mm	1780mm	1780mm	1500mm	900mm	1500mm

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WELDING AND CUTTING MACHINE

WELDING MACHINE



Steel structure Production Line

TECHNICAL PERFORMANCE

The vertical assembly machine which the flange, Web fastening and calibrating, positioning, and auto spot welding equipped,all of which accept the Japanese Mitsubishi programmable controller and the Ac frequency converter so as to increase the productivity one times above comparing with common products, with the features of stable and reliable working state and the welding gun equipped with the arc-tracing device to ensure the quality of spot welding.

Web of size	Height	200-2000mm
	Thickness	6-32mm
	Length	6000-15000mm
Size of Flange	Widith	200-800mm
	Thickness	6-40mm
	Length	6000-15000mm
Assembling speed	0.5-6m/min	
Machine power	16.5 kw (Two welding machiness are excluded)	





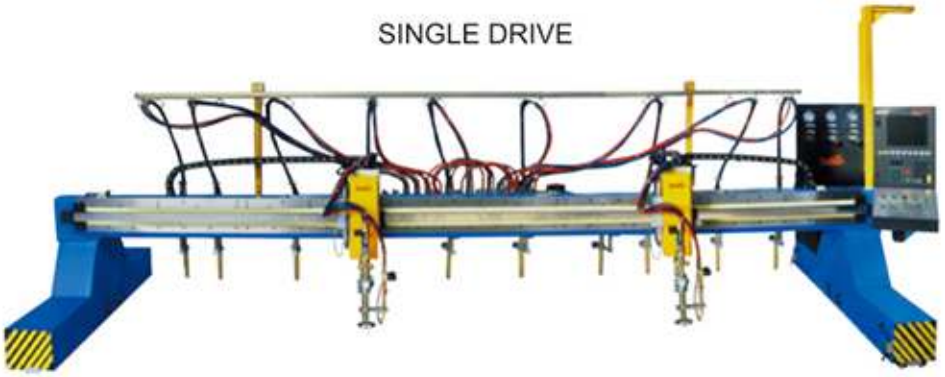
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WELDING AND CUTTING MACHINE

CNC MULTI-HEAD FLAME CUTTING MACHINE



SINGLE DRIVE



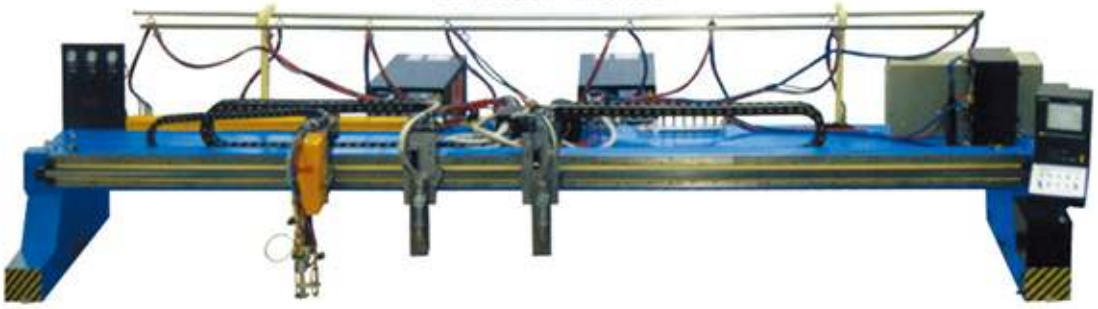
DOUBLE DRIVE

Gauge	Effective cutting width	Effective cutting length	Min.Distance of torch		Cutting depth	Cutting speed	Free running speed
			CNC	Strip			
3000-10000mm	2200-9200mm	length of railway-2500mm	230mm	80mm	6-200mm	50-1000m/min	≤6000mm/min

CNC PLASMA CUTTING MACHINE



SINGLE PLASMA



DOUBLE PIASMA

Gauge	Effective cutting width	Effective cutting length	Min.distance of torch	Cutting depth	Cutting speed	Free running speed
3000-10000mm	2200-9200mm	length of railway-2500mm	230mm	≤75mm	50-3000mm/min	≤6000mm/min

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WELDING AND CUTTING MACHINE

CNC WATERJET MACHINE





Model	CUX400-SQ2515	CUX400-SQ3020	CUX400-SQ4020	CUX400-SQ6020
Processing scope	2.5mx1.5mx0.15m	3.0mx2.0mx0.15m	4.0mx2.0mx0.15m	6.0mx2.0mx0.15m
Form of machine	Cantilever style			
Running speed	0-10m/min			
Control system	AC servo system			
Control accuracy	± 0.002mm			
Cutting accuracy	± 0.1mm			
Max working pressure	400Mpa(6000psi)			
Max flow rate of UHP water	3.8L/min			
Motor power of oil pump	22kw/30kw			
Power supply	380V 50HZ			

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HYDRAULIC PRESS

SHOP PRESS



SP-10

- Pressing
- climping
- Straightening beam, shaft and section



SP-20

- Rigid weldment design
- Reliable highly accurate hydraulic system

Model	SP-10	SP-12	SP-10H	SP-20	SP-30
Capacity(ton)	10	12	10	20	30
Height(mm)	713	1283	1276	1562	1710
Width(mm)	596	514.4	216.9	670	760
Working space(mm)	146-922	66.7-990	146-922	146-922	
Ram stroke(mm)	153		203.2		
N.W./G.W.(kg)	80/95	54/56	65/67	116/131	200/225

Model	HP-20S	HP30S
A(mm)	1600	1700
B(mm)	750	750
C(mm)	750	750
D(mm)	490	550
E(mm)	200	250
H(mm)	700	800
Stroke(mm)	170	170
Weight(kg)	175	190



HP-20S



HP-30S

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HYDRAULIC PRESS

SHOP PRESS



HP-30



HP-100



HPB-580

Feature

*Hydraulic press include replaceable top tools V-block and support table with stops

*Table can be lifted through a chain driven by the main cylinder

Specification	Capacity (kn)	Pressure (mpa)	Piston travel/ Table travel(mm)	Table size (mm)	Dimension (cm)	Hydraulic station (cm)	N.W/G.W. (kg)
HP-30	300	25	200/270	300x400	123x55x160		420/650
HP-50	500	25	220/405	350x480	150x65x195		980/1100
HP-63	630	25	220/405	350x480	150x65x195		1020/1500
HP-80	800	50	260/650	400x780	160x70x200		1020/1220
HP-100	1000	30	250/405	460x980	182x75x225	73x63x96	1220/1420
HP-150	1500	30	250/405	460x980	184x75x225	73x63x96	1350/1750
HP-200	2000	31.5	300/405	500x1000	194x95x235	90x80x106	2200/2400
HP-300	3000	31.5	300/405	700x1200	210x95x270	110x120x135	4200/4500
HP-400	4000	31.5	300/405	800x1200	230x100x290	110x120x135	5500/5850
HP-500	5000	31.5	300/405	900x1200	230x100x290	110x120x135	6500/6900
HP-580	300	25	300/270	300x400	116x55x160		650/830
HP-790	500	25	220/405	400x800	150x65x195		1100/1280
HP-1010	1000	30	250/405	460x980	184x75x225	73x63x96	1380/1590
HP-1500	1500	30	250/405	460x980	184x75x225	73x63x96	1750/1980
HP-2000	2000	30	300/405	500x1000	194x95x235	90x80x106	2600/2880

HP-M SERIES WITH MOBILE CYLINDER



HP-80M



HPB-1500

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HYDRAULIC PRESS

- With mobile cylinder
- Motorized hydraulic drive
- 2-steps hydraulic unit
- With V-blocks worktable
- Pump with double operation (Manual and Motor Drived)
- Ideal for repair and assembly work
- Down and Working by Low Speed, Retum (up) by Quick Speed



V-blocks worktable



HPP-100

Model	HPP-60	HPP-100	HPP-160
Capacity	600kn	1000 kn	1600 kn
Max.Pressure	23.5mpa	27 mpa	31 mpa
Max. stroke	410mm	410 mm	410 mm
Max. working width	750mm	920 mm	1100 mm
Motor power	2.2 kW	3 kW	3 kW
Oil tank volume	30L	30L	30L
Press speed	2.2mm/sec.	2.7mm/sec.	2.3mm/sec.
Return speed	12.7mm/sec.	12.3mm/sec.	12mm/sec.
Forward speed	9.2mm/sec.	9.2mm/sec.	9.2mm/sec.
Flow rate	3.3/13.5/min	5.8/19.6 l/min	7.3/28.4 l/min
Packing size	170x100x210cm	187x100x248mm	215x120x258cm
G.W/N.W.	980/840kg	1500/1340kg	2100/1900 kg

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HYDRAULIC PRESS

C-FRAM HYDRAULIC PRESS





Specification		HP-10C	HP-16C	HP-25C	HP-40C	HP-63C	HP-100C	HP-160C	HP-200C	HP-315C	HP-400C
Rated pressure (KN)		100	160	250	400	630	100	1600	2000	3150	4000
Maximum Pressure of liquid (Mpa)		12.5	20	16	25	25	25	25	25	25	25
Stroke of side (mm)		250	400	400	400	500	600	700	700	800	800
Paylight (mm)		400	500	630	630	750	800	900	1000	1100	1250
Throat light (mm)		200	250	350	350	320	400	420	450	800	1500
Speed of slide (mm/s)	Descent			80	80	120	100	80	80	80	80
	Pressing	20-22	18-20	18-20	18-20	18-20	15-20	10-12	10-15	8-10	8-10
	Return	50	50	75	75	100	100	70	70	60	55
Size of table (mm)	L-R	440	500	580	700	710	800	900	900	1500	2000
	F-B	380	450	570	570	600	700	800	900	1500	1800
Table height above floor (mm)		700	710	710	710	810	800	900	900	400	400
Dimensions of dropping hole (mm)				Φ100	Φ100	Φ100					
Motor power (KW)		3	4	5.5	5.5	7.5	7.5	11	15	22	22

FOUR-COLUMN HYDRAULIC PRESS





Pressure: 40, 63, 100, 160, 200, 315, 400, 500, 630, 800, 1000, 1250, 1600Ton.

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HYDRAULIC PRESS

GM27 SERIES (FROM 63 TO 1800 TON) FOUR-COLUMN SINGLE ACTION HYDRAULIC STAMPING MACHINE



GM 27K SERIES (FROM 315 TO 2400 TON) SINGLE ACTION HYDRAULIC STAMPING MACHINE







GM28 SERIES (FROM 100 TO 2600 TON) DOUBLE ACTION HYDRAULIC DRAWING PRESS



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METAL CRAFT MACHINE

JG-AK-3/4 MULTI-PURPOSE METAL TOOL SET



Item	Type of work piece	JG-AK-3	JG-AK-4
Max. Circling Size (mm)	◎	Φ32 x 2.5	Φ48 x 3
	□	40 x 40 x 3	60 x 60 x 2.5
	▬	30 x 10	40 x 12
	●	Φ16	Φ25
Max. Scrolling Size(mm)	●	Φ14	Φ20
	■	16 x16	20 x 20
	▬	30 x 10	30 x 12
Max. Angel-bending size (mm)	●	Φ14	Φ20
	■	16 x16	20 x 20
	▬	30 x 10	30 x 12
Max. Twisting size (mm)	■	16 x 16	25 x 25
Max. Lantern twisting size(mm)	■	8 x 8	8 x 8
	●	Φ8	Φ8
Output rotational speed (r/min)		16r/min	18r/min
Motor Specification		2.2KW	3KW
		220V/380V 50HZ/60HZ 3PH	
External size (mm)	L x W x H	1450 x 600 x 1250	1430 x 580 x 1270
Packing Size (mm)	L x W x H	1530 x 680 x 1270	1500 x 640 x 1350
N.W/G.W		505/555	505/570

JGY-16B METAL CRAFT HYDRAULIC BENDING MACHINE

This motor-driven hydraulic tool specializes in bending angles. It enables the operators to process square, round or flat metal pieces into various angles and arcs. It is widely used in the furnishing industry.



Items		Technical Parameters
Max. Working pressure(Ton)		12
Max. Working Distance(mm)		300
Max. Size or Processing Material(mm)	▬	30x10
	■	16x16
	●	Φ16
Specifications of motor	Power(Kw)	4
	Voltage(V)	220/380(50Hz)
Net Weight/ Gross Weight(kg)		890/940
Overall Size(mm)		1220x600x1060
Packing Size(mm)		1300x690x1140

JGYQ-25 METAL CRAFT HYDRAULIC SHEARIG MACHINE



As an ideal tool to be applied in architecture and other metal craftrelated industries, force can shear round, square or flat steel angle steel into pieces in a rotating way.

Items		Technical Parameters
Max.Size or Processing Materials (mm)	●	Φ25
	■	25x25
	⬢	25
	▬	50x10
	L	30x30
Motor		220/380(50/60Hz)
Overall Size(mm)		920x600x1200
Packing Size(mm)		970x650x1250
N.W/G.W.(kg)		300/370

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METAL CRAFT MACHINE

JGWG-40/70 Metal Craft Pipe Bender



Item		JGWG-40L	JGWG-40CL	JGWG-70	JGWG-70CL
Max. Size of stocks to be processed (mm)	○	Φ40 x 2.5	Φ40 x 2.5	Φ70 x 4.5	Φ70 x 4.5
	□	40 x 40 x 2	40 x 40 x 2	50 x 50 x 3	50 x 50 x 3
Bending angle		≤180°			
Main Shaft Rotating Speed(r/min)		11	11	1.0	1.0
Motor	Power	3KW	3KW	4KW	4KW
	Voltage	220V/380V			
	Frequency	50HZ			
Oil Pump Motor	Power	-	3KW	-	4KW
	Voltage	-	220V/380V	-	220V/380V
	Frequency	-	50HZ	-	50HZ
Overall Size (mm)		820 x 550 x 1030	950 x 760 x 1000	1310 x 720 x 1040	1590 x 1210 x 1030
Packing Size(mm)		940 x 620 x 1130	1080 x 840 x 1150	1350 x 780 x1140	1630 x 1280 x 1130
N.W/G.W		380/428	450/500	770/840	1000/1100

JGWG-40CL and JGW-70CL have Oil Pump Motor and have the Hydraulic System that can automatic clamp and loosen.

JGN-25B METAL CRAFT TWISTING MACHINE

The machine is for the manipulation of metal materials such as square or flat steel into omamental sprial designs. Matched with various dies, a bridcage pattern can be obtained out of square or round steel.



Items		Technical Parameters
Max. Twisting Size(mm)	■	25x25
	▬	30x10
Max. Lanterm Twisting Size(mm)	■	6x6x170, 8x8x190 10x10x120
	●	Φ6x170, Φ8x190 Φ10x210
Functions of Motor		3Kw 220/380V(50/60Hz)
Overall Size(mm)		130x550x1050
Packing Size(mm)		1550x720x1186
N.W/ G.W(kg)		330/430

JGC-60/20 Metal Craft High Frequency Fishtail Coining Machine

The machine is used to process square, round or flat metal materials into fish-tailed components to be applied in meta working industries.



Item	Type	JGC-60B	JGC-60C	JGC-60D	JCG-F20
Max. Size of processing material (mm)	▬	60 x 8			60 x 10
	■	14 x 14			20 x 20
	●	Φ14			Φ20
Motor	3KW 220V/380V 50HZ/60HZ 3PH				4KW
Output rotation spped (r/min)	r/min	20			32
Overall Size(mm)	mm	1040x550x1160	1020x460x1160		1120x500x1130
Packing size(mm)	mm	1080x610x1240	1090x870x1330	1090x870x1300	1220x600x1230
N.W/G.W	kg	240/320	320/400	320/400	436/470
Heating Parameters					
Power		25KW	Voltage		380V
Output vibrating frequency		30-100KHZ	Output vibrating power		25KW
Hearting electric current		200-1000A	Heating duration		1-99S
Temporary loading rate		80%	Cooling hydraulic pressure		0.05-0.2MPA

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METAL CRAFT MACHINE

JGH-60 METAL CRAFT COINING MACHINE

The machine can be used to imprint designs onto common metal materials including square, flat or round steel. These designs can be chosen by the operator. An obvious advantage of this machine is that the heating of meatl is not necessary.



Item		Technical Parameters
Max. Size of Stocks to be Processed(mm)	▬	60x10
	■	25x25
	●	Φ20
	▭	80x50
output Rotation Speed of Main Shaft (r/min)		Frequency Speed Adustment
Specification of motor	Power(Kw)	7.5
	Voltage(V)	380(50/60HZ)
Net Weight(Kg)		1050
Gross Weight(Kg)		1260
Overall Size(mm)		1780x1290x1380
Packing Size(mm)		1636x990x1330

JGW-16L/JGW-20 BENDING AND TWISTING TOOL

The machine can be widely applied in the field or metal craft decoration. Working with flat, square of round metal materials, users can easily manipulate them into lantern-like or spiral designs amongst others.



Items		JGW-16L	JGW-20
Max. Scrolling capacity for workpieces (mm)	▬	30 x 10	30 x 10
	■	16 x 16	20 x 20
	●	Φ16	Φ20
Output rotating speed	r/min	15	24
Motor	KW	1.1	1.5
		220V/380V 50HZ/60HZ3PH	
Overall dimension	L x W x H	750 x 540 x 950	830 x 540 x 1000
Packing size (mm)	L x W x H	1010 x 600 x 1050	920 x 620 x 1080
N.W/G.W	kg	220/280	320/360

JG-B-3 METAL CRAFT CIRCLING MACHINE

For use in shaping materials such as round or square pipe, flat or angled steel. The materials can be refigured into circles or arcs according to your requirements.



Items		JG-B-3
Circling produce capacity (mm)	O	Φ30 x 3mm
	▭	80 x 80 x2.5mm
	●	Φ16mm
	▬	30 x10mm
Rolling Tube	Φ70/Φ90/Φ114/Φ125	
Motor	220V/380V 50HZ 3PH 2.2KW	
Overall dimension	L x W x H	920 x 680 x 1200
Packing size (mm)	L x W x H	980 x760 x 1230
N.W/G.W	kg	460/550

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METAL CRAFT MACHINE

JGCJ-120 CURLING TWISTING MACHINE



JGGJ-120 curl twisting machine adopts hydraulic system,which belongs to semi-automatic control machine,It can mainly curl and twist the head of metal materials into close circle shape, such as flat,round,square steel and so on.It is widely used in the field of furniture ornamenta and metalcraft industries.

(No.)	Name	Technical Parameters	
1	Property of processing material	Mild Steel (LxW)	
2	Processing Button Size	Flat Steel	60x10
		Square Steel	16x16
		Round Steel	Φ16
3	Performance of Motor	Power(KW)	2.2
		Rotational speed (r/min)	1400
		Voltage (V)	220/380
		Frequency(HZ)	50/60
4	External Size(LxWxH)(mm)	1000x470x1100	
5	Net/Gross Weight(kg)	250/320	

HD-25KW/36KW CRYSTAL TYPE HIGH FREQUCNCY INDUCTION HEATING MACHINE

HD-25KW/36W heater possesses many advantages, such as small measurement, light weight, saving electicity and so on. It is ideal equipment for heating, welding, hot forging and smelting small workpieces.





Heating Parameters			
Power(KW)	25/36	Voltage(V)	380
Output Vibrating Frequency	30-100KHZ 30-80KHZ	Output Vibrating Power	25KW/36KW
Heating Electric Current	200-1000A	Heating Duration	1-99S
Temporary Loading Rate	80%	Cooling Hydraulic Pressure	0.05-0.2MPa ≥0.3MPa

JGY-CY PUNCHING SHEAR



JGY-CY adopt an operation system integrated witmechanical, electrical and hydraulic operation modes. The model of JGY-CY Series and motor power are optional according to the field of the industries the uses are in. Such machines can conduct natching and hole-punching on such work pieces are round pipes, square pipes in irregular shapes, steel angle and steel stripes. The processed work pieces or profiles can be well welded for metal furniture, goods shelves, and the large steel structures of large civil construction works. Welding accomplished with such machines is stronger and smoother.

JGY-CJ63 Specification

Items	Types of work piece	Max. work capacity
Punching share	Round	25-63mm Round Pipe in different dimensions
	Square pipe, Irregular pipe	25-50mm Square and irrgualr pipes in different dimensions
	Angle steel	20-50mm
Motor	2.2KW; 220/380V;50/60HZ;3PH	
N.W/G.W	400/460kg	
Packing size	780 x 800 x 1630mm	
Models of machine are optional according to the types and shapes of work pieces to work on with the dies to the supplied along with the machine to be optional as well.		

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METAL CRAFT MACHINE

JG-WJ SEROLLING AND CIRELING MACHINE

Model		JG-WJ
Items	Max. Working Capacity (Soft Iron)	
Rolling	Round Pipe	Φ15,Φ20, Φ25, Φ30mm
	Square Pipe	40 x 40mm
	Round Steel	Φ16mm
	Flat Steel	30 x 10mm
Design Bending	Round Steel	Φ16mm
	Square Steel	16 x 16mm
	Flat Steel	30 x 10mm
	Square Pipe	20 x 20mm
Power		2.2KW
Net Weight		350KG
Overall Size		720 x 640 x 1200mm
Packing Size		760 x 700 x 1280mm



MULTI-PURPOSE METAL CRAFT TOOL SET IN JG SERIES





The tool set in JG series is produced for both the home and overseas markes, which has been awarded four national patents. Its functions include punching, shearing, twisting, scrolling, angle-bending, riveting and circle-forming.

Item		JG-02-6	JG-03-4 (Ⅰ-Ⅳ)	JG-03-12 (Ⅱ-Ⅴ)	JG-03-13 (Ⅰ-Ⅴ)
Punching(mm)		Φ4	Φ4	-	Φ4
Shearing(mm)	▬	30x5	40x5	-	40x5
	■	6x6	6x6	-	6x6
	●	Φ6	Φ6	-	Φ6
Twisting(mm)	▬	30x5	40x5	40x5	40x5
	■	10x10	14x14	14x14	14x14
Bending and Scrolling(mm)	▬	30x5	40x5	40x5	40x5
	■	10x10	14x14	14x14	14x14
	●	Φ10	Φ14	Φ14	Φ14
Angle-Making		≥60	≥60	≥60	≥60
Riveting(mm)		4x30	4x30	4x30	4x30
Circling(R)	●	R>60	R>60	R>60	R>60
N.W./G.W.(kg)		36/38	58/62	68/72	76/85
Packing Size(mm)		595x355x270	520x240x100 230x410x170 155x1140x120 500x400x175	230x410x170 155x1140x120 500x400x175 430x300x210	520x240x100 230x410x170 155x1140x120 500x400x175 430x300x210

JG-SG60 PIPE-REDUCING MACHINE



The JG-SG60 is easy to operation and meet the customer requirements to reduce and expend the same size for the round pipe. It's convenient for welding and constructure.

Model	JG-SG60
Out Diameter(mm)	20-60
Thickness(mm)	1-3
Motor(KW)	2.2
N.W/G.W(kg)	320/360
Packing Size(mm)	920 x 540 x 1170

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ROLL FORMING MACHINE

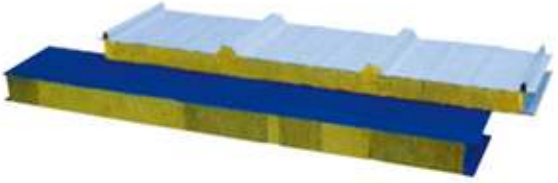
MULTI-FUNCTION COLOR STEEL SANDWICH PANEL PRODUCTION LINE











Technical Data:

Power: 32kw

Production Speed: 0-4m/min

Width of Panel: 1000mm, 1200mm

Thickness: 50-250mm

Annual Productivity: 600000m²

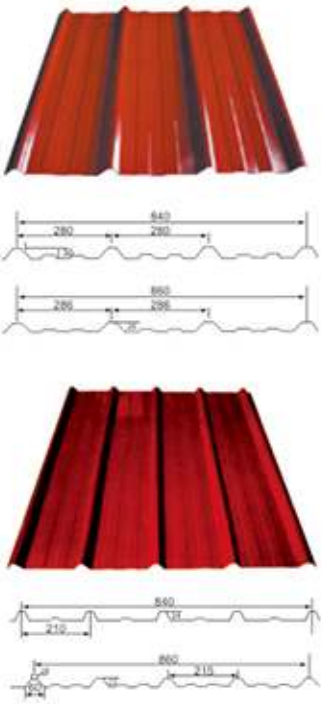


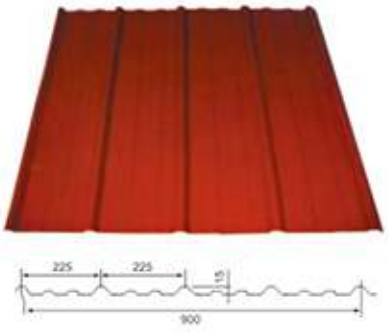
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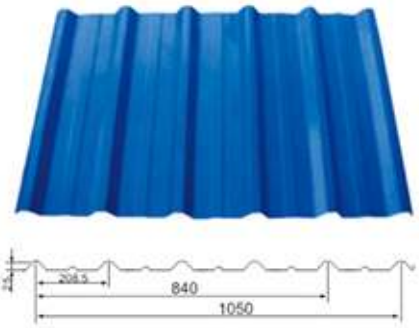
ROLL FORMING MACHINE

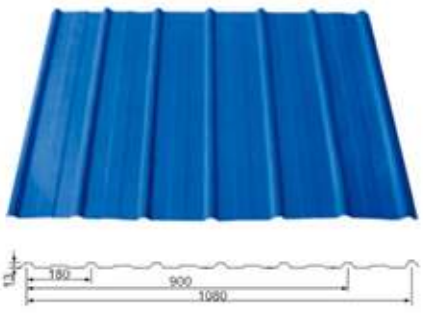
COLOR STEEL ROLLER FORMING MACHINE



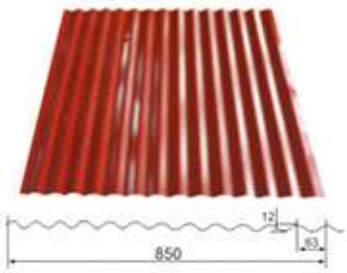


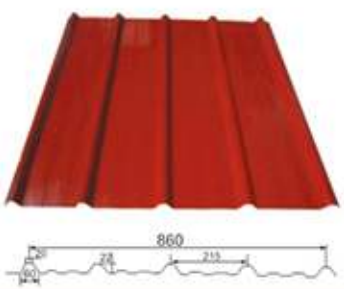






DOUBLE-DECK COLOR STEEL ROLLER FORMING MACHINE





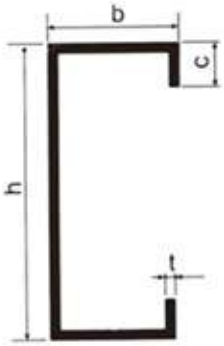


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ROLL FORMING MACHINE

C/Z PURLIN ROLLER FORMING MACHINE

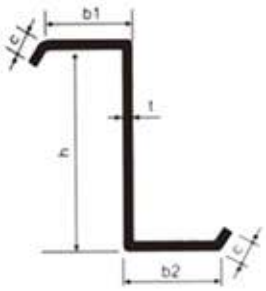






C Purlin					
Model	Section Size (mm)				Pitch-Row(mm)h
	h	b	c	t	
C80	80	40	15	2.0-3.0	Not Punching
C100	100	50	20	2.0-3.0	40
C120	120	50	20	2.0-3.0	Pitch Adjustable
C140	140	50	20	2.0-3.0	Pitch Adjustable
C160	160	60	20	2.0-3.0	Pitch Adjustable
C180	180	60	20	2.0-3.0	Pitch Adjustable
C200	200	60	20	2.0-3.0	Pitch Adjustable
C220	220	70	20	2.0-3.0	Pitch Adjustable
C250	250	70	20	2.0-3.0	Pitch Adjustable
C300	300	80	20	2.0-3.0	Pitch Adjustable









Z Purlin					
Model	Section Size (mm)				Pitch-Row(mm)h
	h	b	c	t	
Z100	100	55	20	2.0-3.0	40
Z120	120	55	20	2.0-3.0	Pitch Adjustable
Z140	140	55	20	2.0-3.0	Pitch Adjustable
Z150	150	67	20	2.0-3.0	Pitch Adjustable
Z160	160	67	20	2.0-3.0	Pitch Adjustable
Z180	180	67	20	2.0-3.0	Pitch Adjustable
Z200	200	67	20	2.0-3.0	Pitch Adjustable
Z250	250	78	20	2.0-3.0	Pitch Adjustable
Z280	280	78	20	2.0-3.0	Pitch Adjustable
Z300	300	78	20	2.0-3.0	Pitch Adjustable

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ROLL FORMING MACHINE

CLAZED TILE ROLL FORMING MACHINE



FLOOR DECK ROLL FORMING MACHINE



HIGHWAY GUARDRAIL ROLL FORMING MACHINE



ANODE PLATE ROLL FORMING MACHINE OF ENVIRONMENTAL



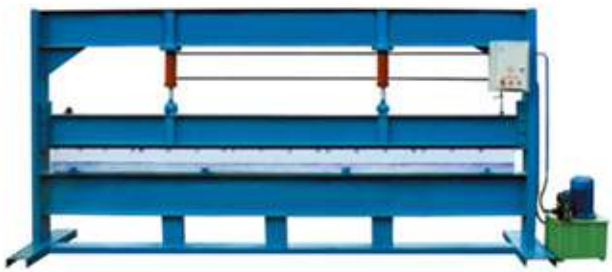
DUST SHIELD FULL-AUTOMATIC ROLL PUNCHING AND FORMING PRODUCTION LINE



RAINSPOUT MACHINE



2.5-6MM HYDRAULIC BENDING MACHINE



10T HYDRAULIC UN-COILER (WITH COIL CAR)



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PIPE BENDING MACHINE

SINGLE HEAD HYDRAULIC PIPE-BENDING MACHINE

DW 38 NC B L Z

- DW: Single-head pipe-bending machine
- 38: Max. diameters for the bent pipes 38:Φ38mm 50:Φ50mm 75:Φ75mm
- NC: Numerical control
- B: B with co-push / No mark: without co-push
- L: Stereo mode L manually angle feeding / No mark: without 3D angle
- Z: Z bending on the left / No mark: bending on the right



DW38NCB



DW38NCBL

SINGLE HEAD HYDRAULIC PIPE-BENDING MACHINE

Model	DW38NCB	DW50NCB	DW75NCB	DW80NCB	DW89NCB	DW114NCB
Max. pipe O.D. XW.T.	Φ38 x 2	Φ50 x 2	Φ75 x 2	Φ80 x 3	Φ89 x 6	Φ114 x 3
Range of bending radius(mm)	25 - 200	35 - 250	50 - 280	50 - 350	50 - 450	50 - 450

SINGLE HEAD HYDRAULIC THREE-DIMENSIONAL PIPE-BENDING MACHINE

Model	DW38NCBL	DW50NCBL	DW75NCBL	DW80NCBLZ	DW114NCBL
Max. pipe O.D. XW.T.	Φ38 x 2	Φ50 x 2	Φ75 x 2	Φ80 x 3	Φ114 x 8
Range of bending radius(mm)	25 - 200	35 - 250	50 - 300	50 - 350	80 - 500

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PIPE BENDING MACHINE

CNC SERVO PIPE-BENDING MACHINE

DW 38 CNC-M-T SR Z

- DW: Single-end pipe-bending machine
- 38: Max pipe-bending ability — 18: ϕ18, 38: ϕ38, 50: ϕ50, 65: ϕ65
- CNC: Full-automated computer control
- M: Bent-pipe driving mode — M: servo-motor, H: hydraulic ratio
- T: touching control — No mark: keyboard
- SR: Number of die layers — SR: single-layer die, DR: double-layer die, MR: multi-layer die
- Z: bending on the left — No mark: bending on the right

- ◆ Auto recognition of machine/work piece dynamic specification → quick and good processing.
- ◆ Slow core drawing, trolley co-push → improve appearance of angle.
- ◆ Chinese/English operation guiding + 15-inch true color screen + touch screen → friendly operation → 3D graphics display.
- ◆ Input X、Y、Z or Y、B、C date to show the work program → Simple, fast, accurate programming.
- ◆ Single-step adjusting → precise observation the deformation of pipe while die testing.
- ◆ Over-all inspection: hydraulic/electrical/driving system, phase absence in motor/reversal, voltage, temperature, oil pressure. Auto trouble diagnosis.
- ◆ Password, key, working hours, scale recordings help in production management.



DW38CNCMTDR

Model	DW28CNCMTDR	DW38CNCMTDR	DW50CNCMTDR	DW65MTDR
Max. pipe O.D. XW.T.	ϕ28 x 2	ϕ38 x 2	ϕ50.8 x 2	ϕ63.5 x 2.5
Range of bending radius(mm)	25 - 120	25 - 150	35 - 200	40 - 250

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SAW MACHINE

CIRCULAR SAW

*Vice complete with anti-burr device
*24volts low voltage installation with hold to run had control knob

*Movable head 45°rignt and left
*Reduction unit in oil batn
*Membrane pump for coolant



CS-250/275

*Easy manual press
*Quick adjusting vise for angular cuts the saw frame swivels



CS-315/350

Model		CS-250	CS-275	CS-315	CS-350
Max. blade size		250mm(9.8")	275mm(10.8")	315mm(12.4")	350mm(13.8")
Capacity	Circular @90°	60mm(2.36")	70mm(2.75")	100mm(4")	120mm(4.7")
	Rectangular @90°	75 × 45mm (3" × 1.77")	90 × 45mm (3.5" × 1.77")	140 × 90mm (5.5" × 3.5")	140 × 100mm (5.5" × 4")
	Circular @45°	55mm (2.16")	65mm (2.56")	90mm (3.5")	105mm (4.1")
	Rectangular @45°	55 × 45mm (2.16" × 1.77")	70 × 45mm (2.75" × 1.77")	100 × 90mm (4" × 3.5")	100 × 100mm (4" × 4")
Blade speed @50HZ		42rpm	42rpm	18, 36rpm	18, 36rpm
Vice opening		100mm(4")	100mm(4")	145mm(5.7")	145mm(5.7")
Motor power		11 kw 1.5HP	1.1kW 1.5HP	750W 1HP/1.3kW 1.7HP(3PH)	1.1kW 1.5HP(1PH)
Drive		Gear	Gear	Gear	Gear
Packing Size		89 × 58 × 78cm(body) 77 × 46 × 33cm(stand)	89 × 58 × 78cm(body) 77 × 46 × 33cm(stand)	98 × 62 × 90cm(body) 77 × 58 × 47cm(stand)	98 × 62 × 95cm(body) 77 × 58 × 47cm(stand)
N.W./G.W.		143/171kg	148/174kg	185/207kg	190/212kg

CUTTING OFF SAW

Model		COS-300	COS-350
Max. blade size		300mm	350mm
Capacity	Circular @90°	100mm(4")	120mm(4.7")
	Rectangular@90°	80 × 140mm (3.1" × 5.5")	140 × 90mm (5.5" × 3.5")
	Circular @45°	90mm (3.5")	105mm (4.1")
	Rectangular@45°	70 × 100mm (2.7" × 3.3")	90 × 100mm (2.7" × 3.1")
Blade speed @50HZ		5400 Giri/Min	4300 Giri/Min
Vice opening		190mm (7.5")	190mm (7.5")
Motor power		4 Kw 50/60HZ	5.5 Kw 50/60HZ
Drive		Belt	Belt
Packing Size		98 × 62 × 90 77 × 57 × 47cm(stand)	98 × 62 × 90 77 × 57 × 47cm(stand)
N.W./G.W.		105/115kg	135/145kg

*Abrasive cutting tool



*The Grinding Wheel Cut-off Machine is mainly used in architecture, metals, petrochemical, machine metallurgy and water and electricity installation etc.
*It is suitable for cut-off the round, special pipe and all kinds of angle steel and flat steel.

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SAW MACHINE

CIRCULAR SAW

YJ 275 S

- S: Feed control mode
  - S: manual
  - Q: pneumatic
  - V: pneumatic clamp manual pipe cutting
  - Y: hydraulic
- 275: Installation of max saw blade
  - 275: ϕ275
  - 315: ϕ315
  - 350: ϕ350
  - 370: ϕ400
  - 455AL ϕ450
  - nonferrous metal
- YJ: Metal circle Sawing machine

◆ YJ-275Q,YJ-275Y is equipped with the automatic feeder and automatic clamping device, which moves smoothly, lightly and efficiently.

◆ Esay to straight-across-cut and angular cut, with a precise angle.

◆ The cooling system causes the machine to run for a long time, which prolongs the life of the saw bit.

◆ The pressure for the hydraulic system and the lamping pressure are respectively shown by its settings, which ensure the thin wall of the pipe will not deform even under the pressure.

◆ YJ-315Q is equipped with the pneumatic automatic feeding and clamping device, which works smoothly, lightly and efficiently.

◆ YJ-350 adopts vertical slide feeding and hydraulic driving, which moves smoothly and lightly.

P.S.: Safety cap can be ordered

Technological parameters

Model		YJ275	YJ315	YJ350	YJ370	YJ375Y	
Sawing stroke	○ mm	Φ80	Φ95	Φ115	Φ115	Φ110	Φ75
	□ mm	75×75	85×85	110×110	110×110	110×110	90×90
	L mm	75×75	85×85	110×110	110×110	150×90	100×60
	▭ mm	85×65	110×75	150×90	150×90		
	● mm	Φ38	Φ55	Φ60	Φ60	Φ60	Φ40
	■ mm	38×38	50×50	60×60	60×60	60×60	40×40
Max gap of the clamp		85MM	110MM	150mm	150MM	150mm	
Host motor		1.3/1.8KW (4/2 pole changing)	1.8/2.4KW (4/2 pole changing)	2.4/3.0KW (4/2 pole changing)	2.4/3.0KW (4/2 pole changing)	1.5/2.2KW (4/8 pole changing)	
Suitable sizes for saw blade		250、275、300	250、275、300、315	300、325、350	300、350、400	300、325、350	



YJ275QAL



YJ315Q



YJ315S



YJ375Y

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SAW MACHINE

HACK SAW MACHINE

Specification	Hs7016	Hs7025
Max cutting dia.(circular steel/square steel)	160/160 × 160mm	250/250 × 250mm
Hacksaw blade	350 × 25 × 1.25mm	450 × 35 × 2mm
To and Frequency	85/min	91/min
Blade stock	100-190mm	152mm
Electric motor	0.37kw	1.5kw
Coolant pump	GB-1.2J gear pump	
Machine net weight	160kg	600kg
Overall dimension (LxWxH)	910 × 330 × 640mm	1150 × 570 × 1180mm



HS7016



HS7025

METAL SAW MACHINE



BS409



BS4012



BS5012W



BS5018WA

Specification		BS409	BS4012	BS5012W
Motor		400W	550W	370W
Blade size(mm) (LxWxH0)		1300 x 12.5 x 0.63	1640 x 13 x 0.65	1638 x 12.5 x 0.6
Blade speed (50Hz)		20, 29, 50m/min	20, 30, 50m/min	20, 29, 50m/min
Cutting capacity (90°)	Round	90mm	110mm	
	Square	90 x 115mm	100 x 150mm	
Cutting capacity (45°)	Round	65mm	70mm	100mm
	Square	65x65mm	85 x 65mm	100 x 150mm
N.W / G .W		31/33kg	71/74kg	61/64kg
Packing size (mm)		760 x 305 x 465	1075 x 517 x 465	1020 x 320 x 390



BS5018WA-L

Model	BS5018WA	BS5018WA-L	BS5018WA-G
Motor	750W(1HP)	750W(1HP)	750W(1HP)
Blade size(mm)	2360x20x0.9	2360x20x0.9	2360x20x0.9
Blade speed(m/min)	34, 41, 59, 98(50Hz) 41, 49, 69, 120(60Hz)	34, 41, 59, 98(50Hz) 41, 49, 69, 120(60Hz)	36, 50, 62(50Hz) 43, 60, 74(60Hz)
Vice tilt	0°-45°	0°-45°	0°-45°
Cutting capacity at 90°	180mm 300x180mm	180mm 180x300mm	180mm 180x300mm
Cutting capacity at 45°	100mm 110x170mm	110mm 110x180mm	110mm 110x180mm
Table height(mm)	550	550	550
N.W/G .W.(Kgs)	145/175	145/185	145/185
Packing size(mm)	1260x460x1080	1330x460x1080	1330x460x1080
Unit/20' container	40pcs	40pcs	40pcs



BS5018WA-G

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SAW MACHINE

METAL CUTTING BAND SAW MACHINE

Model		BS-100	BS-115/BS-115A	BS-712N	BS-180G	BS-712G	BS-712R
Max. Capacity (mm)	Circular@90°	100	115	178	180	178	178
	Rectangular@90°	100 × 150	100 × 150	178 × 305	180 × 260	178 × 305	178 × 210
	Circular@45°	60	100	127	105	127	127
	Rectangular@45°	60 × 100	60 × 100	120 × 125	120 × 105	120 × 115	85 × 140
Blade Speed	@60HZ	54MPM	24,37,67MPM	27,41,59,78MPM	39,66,82MPM	34,70,104MPM	27,41,59,78MPM
	@50HZ	45MPM	80,120,220MPM	22,34,49,64MPM	34,55,66MPM	29,59,87MPM	22,34,49,64MPM
Blade Size(mm)		13 × 0.65 × 1470	13 × 0.6 × 1638	20 × 0.9 × 2362	20 × 0.9 × 2362	20 × 0.9 × 2362	20 × 0.9 × 2362
Motor		375W(50/60HZ)	375W(50/60HZ)	750W(50/60HZ)	750W(50/60HZ)	750W(50/60HZ)	750W(50/60HZ)
Driver		Gear	V-belt	V-belt	Gearbo×	Gearbo× r	V-belt
Packing Size(cm)		55 × 37 × 40	96 × 46 × 46; 108 × 48 × 56	125 × 45 × 115	131 × 57 × 112	140 × 56 × 115	132 × 77 × 115
G.W./N.W.(Kg)		26/23	72/68; 95/76	192/170	210/180	194/170	240/190



BS-100



BS-115



BS-115A



BS-712N



BS-180G



BS-712R



BS-712GR/BS-712GDR



BS-912B



BS-912GR/BS-912GDR

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SAW MACHINE

METAL BAND SAW



BS-128HDR





BS-128DR



BS-170G



BS-260G



BS-215G



BS-280G

Model		BS-128DR	BS-128HDR	BS-170G	BS-260G	BS-215G	BS-280G
Capacity	Circular @90°	128mm(5")		170mm(6.7")	227mm(9")	150mm(6")	220mm(8.6")
	Rectangular @90°	128x150mm (5"x6")		170x200mm (6.7"x7.8")	260x110mm (10"x4.3")	200x120mm (7.8"x4.7")	250x155mm (10"x6.1")
	Circular @60°	44mm(1.75")		70mm(2.7")	90mm(3.5")	-	100mm(4")
	Rectangular @60°	44x56mm (1.75"x2.19")		60x60mm (2.3"x2.3")	85x85mm (3.3"x3.3")	-	80x95mm(3.1"x3.7")
	Circular @45°	95mm(3.75")		120mm(4.7")	150mm(6")	120mm(4.7")	160mm(6")
	Rectangular @45°	75x95mm (3"x3.7")		110x110mm (4.3"x4.3")	150x125mm (5.9"x5")	130x90mm (5"x3.5")	160x110mm (6.3"x4.3")
Blade speed	@60HZ	24,35,61MPM		4P,40MPM 131FPM	4P,36MPM 118FPM	-	-
	@50HZ	20,29,50MPM		2P,80MPM 262FPM	2P,72MPM 236FPM	40/80MPM	40/80MPM
Blade size		13x0.6x1638mm		20x0.9x2085mm	27x0.9x2455mm	20x0.9x2060mm	27x0.9x2450mm
Motor power		375W 1/2HP (3PH or 1PH)		0.75/1.1kw 1/1.5HP (3PH)	0.75/1.1kw 1.5HP (3PH)	0.6/0.85kw 0.8/1.1HP (3PH)	0.75/1.1kw 1/1.5HP (3PH)
Drive		V-belt		Gear	Gear	Gear	Gear
Packing size		960x540x610mm		1250x720x1000mm	1460x720x1100mm	1160x710x790mm(body) 610x390x670mm(stand)	1330x800x1100mm(body) 670x400x620mm(stand)
N.W/G.W.		82/102kg	85/105kg	170/202kg	190/263kg	212/245kg	254/287kg

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SAW MACHINE

METAL BAND SAW



BS-170GA



BS-220GA



BS-250GA



BS-270GA

Model		BS-170GA	BS-220GA	BS-250GA	BS-270GA
Capacity	Circular @90°	170mm	220mm	250mm	270mm
	Rectangular @90°	210x140mm	260x150mm	310x240mm	350x240mm 260x260mm
	Circular @60°	70mm	90mm	120mm	140mm
	Rectangular @60°	70x60mm	100x85mm	120x95mm	140x140mm
	Circular @45°	120mm	150mm	200mm	230mm
	Rectangular @45°	130x110mm	150x145mm	190x170mm	230x150mm 210x210mm
	Circular @-45°	-	-	150mm	200mm
	Rectangular @-45°	-	-	170x90mm 130x130mm	200x140mm 170x170mm
The bow swivel degree		0° - 60°	0° - 60°	-45° - +60°	-45° - +60°
Blade speed		80m/min (230V) 97m/min (110V) 80/40m/min(380V)	72m/min (230V) 87m/min (110V) 72/36m/min(380V)	72/36 m/min	72/36 m/min
Blade size		20x0.9x2105mm	27x0.9x2450mm	27x0.9x2715mm	27x0.9x2950mm
Motor power		900W (230V) 900/550W(380V)	1100W (230V) 1100/590W(380V)	1500/750 (380V)	2200/1100 (380V)
Table Height		970mm	1045mm	1020mm	950mm
Packing size	Body	1260x540x900mm	1450x570x1040mm	1540x700x1050mm	1770x960x1180mm
	Stand	750x560x150mm	830x780x170mm	1100x760x180mm	1160x550x210mm
N.W/G.W.		160/200kg	218/264kg	341/394kg	446/551kg

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SAW MACHINE

METAL CUTTING BAND SAW MACHINE

Model		BS-712GR	BS-712GDR	BS-912B	BS-912G	BS-912GR	BS-912GDR
Max. Capacity (mm)	Circular@90°	178	178	229	229	229	229
	Rectangular@90°	178 × 210	178 × 210	178 × 305	178 × 305	178 × 305	178 × 305
	Circular@45°	127	127	150	150	150	150
	Rectangular@45°	85 × 140	85 × 140	127 × 150	127 × 150	127 × 150	127 × 150
Blade Speed	@ 60HZ	34,70,104MPM	34,70,104MPM	32,60,88,115MPM	38,78,115MPM	38,78,115MPM	38,78,115MPM
	@ 50HZ	29,59,97MPM	29,59,97MPM	26,50,73,95MPM	31,65,95MPM	31,65,95MPM	31,65,95MPM
Blade Size(mm)		19.05 × 0.8 × 2362	19.05 × 0.8 × 2362	27 × 0.9 × 2655	27 × 0.9 × 2655	27 × 0.9 × 2655	27 × 0.9 × 2655
Motor		750W(50/60HZ)	750W(50/60HZ)	735W(50/60HZ)	735W(50/60HZ)	735W(50/60HZ)	735W(50/60HZ)
Driver		Gearbo×	Gearbo×	V-belt	Gearbo×	Gearbo×	Gearbo×
Packing Size(cm)		132 × 77 × 115	132 × 77 × 115	160 × 60 × 115	160 × 60 × 115	160 × 60 × 115	160 × 60 × 115
G.W./N.W.(Kg)		260/210	260/210	248/200	260/210	270/220	270/220



BS-916B



BS-916V



BS-1018R



BS-1018B

Model		BS-916B	BS-916V	BS-1018B	BS-1018R
Max. Capacity (mm)	Circular@90°	229	229	254	229
	Rectangular@90°	127 × 406	127 × 406	127 × 457	127 × 406
	Circular@45°	150	150	150	150
	Rectangular@45°	150 × 190	150 × 190	150 × 190	150 × 190
Blade Speed	@ 60HZ(MPM)	35,60,88,115	22~122	35,60,88,115	35,60,88,115
	@ 50HZ(MPM)	26,50,73,95	18~102	26,50,73,95	26,50,73,95
Blade Size(mm)		27 × 0.9 × 3090	27 × 0.9 × 3090	27 × 0.9 × 3276	27 × 0.9 × 3090
Motor(KW)		1.1(50/60HZ)	1.1(50/60HZ)	1.47(50/60HZ)	1.1(50/60HZ)
Driver		V-belt	V-belt	V-belt	V-belt
Packing Size(cm)		176 × 83 × 115	176 × 83 × 115	183 × 83 × 115	176 × 83 × 115
G.W./N.W.(Kg)		340/280	348/300	397/310	348/300

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SAWING MACHINE

METAL BAND SAW MACHINE



BS-220



BS-250(Worm Reduction Transmission)



BS-250B (Auto Clamping and Cutting)



BS-350Z (Auto Feeding, Auto Clamping and Cutting)



BS-350B (Auto Clamping and Cutting)

Model		BS-220		BS-250		BS-250B		BS-350B		BS-350Z	
Bucksaw angle of rotation		0~60° 0~-45°		0~60° 0~-45°		0~60° 0~-45°		0~60°		0~60°	
Max. Capacity	-45°			190mm	180*230mm	190mm	180*230mm				
	0°	230mm	280*230mm	250mm	280*230mm	250mm	280*230mm	350mm	380*260mm	350mm	380*260mm
	45°	230mm	180*230mm	190mm	180*230mm	190mm	180*230mm	270mm	240*260mm	270mm	240*260mm
	60°			120mm	115*230mm	120mm	115*230mm	170mm	170*260mm	170mm	170*260mm
Saw band size		3035*25*0.9mm		2760*27*0.9mm		2760*27*0.9mm		3750*34*1.1mm		3750*34*1.1mm	
Saw band speed		40,60,75,110 m/min		53 79m/min		53 79m/min		20-90m/min		20-90m/min	
Main motor		0.85kw		0.85/1.1kw		0.85/1.1kw		3kw		3kw	
		960r/min		960/1440r/min		960/1440r/min		960r/min		960r/min	
Reduction ratio				1:20		1:20		1:15		1:15	
Overall dimensions		1600*700*1100 mm		1500*900*1300 mm		1500*900*1300 mm		1900*1260*1400 mm		1900*1700*1400 mm	
Packing size		1850*1050*1250mm		1410*820*1490mm		1410*820*1490mm		2040*1400*1740mm		2050*1950*1740mm	
Net weight		300kg		360kg		410kg		700kg		900kg	
Gross weight		350kg		410kg		460kg		770kg		980kg	
Voltage		380V/50HZ/3PH		380V/50HZ/3PH		380V/50HZ/3PH		380V/50HZ/3PH		380V/50HZ/3PH	
Colour		RAL1018&7037		RAL7035&5015		RAL7035&5015		RAL5015&7016		RAL5015&7016	

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SAWING MACHINE

- Hydraulic cylinder for controlled descent
- High-capacity band control by two-speed motor
- Accident preventing devices on the fly wheel casing and on the blade
- Vertical rotation on bolt with adjustable tapered bearings without backlash
- Band stretching is obtained by electro-mechanical blade tensioner with microswich
- Hydraulic clamping vice for BS-315GH
- Swivel on both sides
- Electric coolant system



BS-315GH

Model		BS-315G	BS-315GH
Capacity	Circular@90°	230mm(9")	230mm(9")
	Rectangular@90°	315 × 170mm	315 × 170mm
	Circular@60°(Right)	130mm	130mm
	Rectangular@60°(Right)	130 × 130mm	130 × 105mm
	Circular@45°(Left&Right)	210mm	210mm
	Rectangular@45°(Left&Right)	210 × 170mm	210 × 170mm
Blade speed	@ 50HZ	40/80 MPM	40/80 MPM
	@ 60HZ	48/96 MPM	48/96 MPM
Blade size		27 × 0.9 × 2825mm	27 × 0.9 × 2825mm
Motor		0.75/1.1kw	0.75/1.1kw
Drive		Gear	Gear
Packing Size		163 × 87 × 97cm(body) 72 × 56 × 60cm(stand)	163 × 90 × 155cm
N.W./G.W.		350/390kg	380/420kg



Manual control feed down



Manual clamping vice



BS-460GB Semi CNC

Model		BS-460G	BS-460GB
Capacity	Circular@90°	330mm (13")	330mm (13")
	Rectangular@90°	460 × 250mm	460 × 250mm
	Circular@60°(Right)	205mm	205mm
	Rectangular@60°(Right)	205 × 250mm	205 × 250mm
	Circular@45°(Left&Right)	305mm	305mm
	Rectangular@45°(Left&Right)	305 × 250mm	305 × 250mm
Blade speed	@ 50HZ	40/80 MPM	40/80 MPM
	@ 60HZ	48/96 MPM	48/96 MPM
Blade size		27 × 0.9 × 3960mm	27 × 0.9 × 3960mm
Motor		1.5/2.2kw	1.5/2.2kw
Drive		Gear	Gear
Packing size		231 × 107 × 163cm	250 × 230 × 163cm
N.W./G.W.		750/830kg	1250/1430kg



BS-460G

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SAW MACHINE

- CNC automatic feeding and cutting
- with hydraulic clamping vice
- with automatic rotary saw bow
- with deceleration variable frequency motor
- the masximun length of an automatic feed up to 650mm

Model		BS-650G
Capacity	Circular@90°	460mm(18")
	Rectangular@90°	650 × 350mm
	Circular@60°(Right)	310mm
	Rectangular@60°(Right)	310 × 350mm
	Circular@45°(Left&Right)	460mm
	Rectangular@45°(Left&Right)	460 × 350mm
Blade speed		23-95rpm
Blade size		3.4 × 1.1 × 5220mm
Motor		4.0KW
Drive		Gear
Packing Size		292 × 218 × 217mm
NW/GW		2020/2320kg



BS-650G

DOUBLE-COLUMN HORIZONTAL BAND SAWING MACHINE

Model	CS-280 II	CS-380
Cutting Capacity (mm)	○ 280 □400W × 220H	○ 380 □400W × 250H
Blade Speed (m/min)	23/35/45/60/80	20/40/60/75
Blade Size (mm)	27 × 0.9 × 3505	34 × 1.1 × 4115
Motor Main (kw)	2.2(4P)	3(4P)
Motor Hydraulic (kw)	0.37	0.75
Coolant Pump (kw)	0.06	0.06
Workpiece Clamping	Hydraulic Vice	Hydraulic Vice
Blade Tensioning	Manual	Manual
Main Drive	Wormwheel Drive	Wormwheel Drive
Table height (mm)	620	620
Size Outward	1770 × 1130 × 1160	2000 × 1160 × 1310
N.W.(kg)	760kg	960kg



CS-380



CH-400



CH-650

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SAW MACHINE

Model	CH-350	CH-400	CH-650	CH-1000
Cutting Capacity (mm)	○ 350 □ 350W × 350H	○ 400 □ 600W × 400H	○ 650 □ 650W × 650H	○ 1000 □ 1000W × 1000H
Blade Speed (m/min)	23/35/50/65/83	26/38/70/90	20/45/65	15/35/55
Blade Size (mm)	34 × 1.1 × 4250	34 × 1.1 × 4650	41 × 1.25 × 6860	67 × 1.6 × 9820
Motor Main (kw)	3.0(4P)	3.0(4P)	5.5(4P)	11(4P)
Motor Hydraulic (kw)	0.75	0.75	1.5	3.75
Coolant Pump (kw)	0.06	0.06	0.09	0.09
Workpiece Clamping	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice	Hydraulic Vice
Blade Tensioning	Manual	Manual	Manual	Manual
Main Drive	Wormwheel Drive	Wormwheel Drive	Gear Reducer	Gear Reducer
Table height (mm)	620	620	510	520
Size Outward	2120 × 1200 × 1560	2400 × 1100 × 1730	3270 × 1540 × 2160	4560 × 2170 × 3040
N.W.(kg)	1200kg	1470kg	2600kg	10000kg



CH-1000

AUTOMATIC HORIZONTAL METAL BAND SAWING

Model	CS-280HA	CS-360HA
Cutting Capacity (mm)	○ 280 □350W × 250H	○360 □360W × 360H
Blade Speed (m/min)	20~90	20~80
Blade Size (mm)	27 × 0.9 × 3505	34 × 1.1 × 4420
Motor Main (kw)	2.2(4P)	4(4P)
Motor Hydraulic (kw)	0.075	0.075
Coolant Pump (kw)	0.06	0.06
Workpiece Clamping	Hydraulic Vice	Hydraulic Vice
Blade Tensioning	Manual	
Table height (mm)	620	
Size Outward (LxWxH) (mm)		2500 × 2200 × 1750
N.W.(kg)	130 kg	2100 kg



CS-280HA



CS-360HA

MITER CUTTING BAND SAWING MACHINE

Model	CH-300S
Cutting Capacity (mm)	45° 230 260W × 300H 60° 130 150W × 130H 90° 300 350W × 300H
Blade Speed (m/min)	20~80
Blade Size (mm)	27 × 0.9 × 3650
Motor Main (kw)	2.2
Motor Hydraulic (kw)	0.75
Coolant Pump (kw)	0.06
Workpiece Clamping	Hydraulic Vice
Blade Tensioning	Manual
Size Outward (LxWxH) (mm)	1850 × 1200 × 1760



CH-300S

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SAW MACHINE

METAL BAND SAW



TGK-4220



TGK-4235



TGK-4240

Model	TGK-4220	TGK-4235	TGK-4240
Max. cutting capacity (mm)	φ200-200x200	φ350-350x350	φ400-400x400
Cutting speed (mm/min)	28,45	45,69	36,56
Feed speed	Hydraulic variable speed		
Blade size (mm)	2650x27x0.9	4115x34x1.1	5000x41x1.3
Workpiece clamping	Hydraulic	Hydraulic	Hydraulic
Blade tensioning	Mechanical	Hydraulic	Hydraulic
Main motor power (kw)	1.3/1.8	2.2/2.8	3.0/4.0
Oil pump motor power (kw)	0.55	0.55	0.75
Coolant pump motor power (kw)	0.04	0.04	0.9
Drive	Gear	Gear	Gear
Overall dimension (mm)	1300x800x1100	2000x1150x1500	2500x1300x1900



BS-5030



BS-5040

Model		BS-5030	BS-5040
Capacity	Circular	300mm(11.8")	300mm(11.8")
	Rectangular	500x300mm (19.7"x11.8")	500x300mm (19.7"x11.8")
Blade speed		30/50/75/90MPM	30/50/75/90MPM
Blade size		1.1x34x4180mm	1.1x34x4180mm
Motor power		3kw	3kw
Max.hydraulic pressure		2.2Mpa	2.5Mpa
Drive		Belt	Belt
Packing size		220x135x170cm	226x213x178cm
N.W/G.W.		1150/1240kg	1550/1720kg

▶ Variable down feed speed, which is controlled by hydraulic cylinder

▶ Hydraulic jaw clamping vice, make sawing more stable

▶ Equipped with blade overload protection device

▶ Adopt bearing and hard alloy double guide to entend the life of the blade

▶ Working light available

▶ User–friendly graphical control sustem with findertouch screen.

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SAW MACHINE

DOUBLE COLUMN BAND SAW





Hydraulic clamping vise



Hand wheel feeding



V-belt transmission

TBK4228





Swivel bow with precision guide



Swivel angle indicator



Hydraulic clamping vise

TBK4228A 0°-45°Angle Cutting



TBK4228B Auto Feed and Cut



Shuttle vise for auto-feeding



Feeding limit switch



Electrical cabinet

Model	TBK4228	TBK4228B	TBK4228A
Max.cutting capacity	280x280mm	90°φ280-320x280mm 45°φ170-170x280mm 30°φ260-260x280mm	φ280-280x280mm
Cutting speed	27,45,69m/min	27,45,69m/min	27,45,69m/min
Feed speed	Hydraulic variable speed	Hydraulic variable speed	Hydraulic variable speed
Blade size	3505x27x0.9mm	36255x27x0.9mm	3505x27x0.9mm
Workpiece clamping	Hydraulic	Hydraulic	Hydraulic
Blade tensioning	Mechanical	Mechanical	Mechanical
Main motor power	3kw	3kw	3kw
Oil pump motor power	0.55kw	0.55kw	0.55kw
Drive	Belt	Belt	Belt
Overall dimension	2200x1400x1600mm	2200x1400x1600mm	2240x1800x1630mm
Weight	500kg	600kg	800kg

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SAW MACHINE

VERTICAL METAL BAND SAW



VS-400



work table can be swiveled



Table gauge



Blade guard height adjustable



VS-500

※ can make various kinds of cutting such as beveling, Shaping, contour, slicing etc.

※ with variable speed can make various material cutting such as metal,plastic,wood,rubber ect.

※ Variable blade speed by programming inverter

※ 3–16mm blade width can be choosen

※ Servo motor is optional

※ Table Gauge available

※ Table tilted 45°

※ workinglight

※ Blade guard height adjustable



blade cutting



blade welding



blade sanding

Model		VS-400	VS-500	VS-585
Max.cutting capacity	Height	285mm(11.2")	310mm(12.2")	336mm(13.2")
	Width	400mm(15.7")	500mm(19.7")	585mm (23")
Table size		500x600mm (21.7"x23.6")	660x700mm (26"x27.6")	660x700mm (26"x27.6")
Blade speed (50HZ)		0-1400rpm	0-1400rpm	0-1400rpm
Length of saw blade		3390-3467mm	3980-4050mm	4430-4520mm
Blade width		3-16mm	3-16mm	6-19mm
Table tilt		R-45°,L-15°	R-30°,L-15°	R-30°,L-15°
Main motor/Grinde motor		1.5kw(2HP) 0.09kw(1/8HP)	1.5kw(2HP) 0.09kw(1/8HP)	1.5kw(2HP) 0.09kw(1/8HP)
Electric welder		2.4KVA	2.4KVA	2.4KVA
Packing Size		107x80x200cm	140x90x220cm	147x95x230cm
N.W./G.W.		315/360kg	410/470kg	555/640kg

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SPRING GRINDING MACHINE

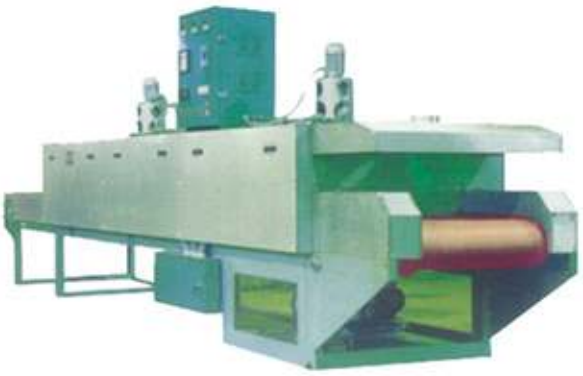
ELETRONIC PRECISION SPRING GRINDING MACHINE

Specification	Grinding range for spring height	Max. outside Diameter of Springs	Spring wire diameter	Grinding wheel diameter	Feeding plate diameter	Input power Spindle motors	Overall dimension (LxWxH)	Weight
MW-250/9	10-250mm	100mm	1-9mm	450mm	740mm	AC 380V ± 10% 15KW3PHASE 50HZ 2×5.5kw	1300×1100×2300	2500kg
MW-400/9	20-400mm						1300×1100×2500	2800kg

CONTINUOUS TYPE RECIRCULATING FURNACE



RJC-210



RJC-740

Model	Effective heating area dim(mm)			Overall dimensions(mm)			Conveyor speed(min)	Electric cap(kw)	Temperature control	Wdight(kg)
	L	W	H	L	W	H				
RJC-210	1000	200	90	2000	850	1200	5-60	8	1	250
RJC-315	1500	300	90	2600	950	1200	5-60	16	1	500
RJC-420	2000	400	90	3300	1050	1300	10-60	26	2	1000
RJC-520	2000	500	90	3400	1050	1900	10-60	30	2	1200
RJC-530	3000	500	120	5100	1050	1900	10-60	40	3	1500
RJC-630	3000	600	120	5100	1150	1900	10-60	48	3	2000
RJC-740	4000	700	120	6100	1250	1900	10-90	65	3	3000

SPRING MAKING MACHINE



CML-50



CML-80



MW-250/9

Model	Wire dia.	Max. coil dia.	Max wire feed length	Production speed	Motor
CML-50	Φ2-5mm	Φ70mm	3000mm	31-100	5.5KW
CML-80	Φ3-8mm	Φ100mm	4000mm	15-60	11KW

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MACHINE ACCESSORIES

VISE SERIES

GERMAN TYPE

Height of Max Jaw		
Jaw width	Jaw	Opening
50mm	20	30
75mm	20	50
100mm	20	80
125mm	25	100
150mm	25	135



Ameerican type



German type

QH MACHINE VICE

Model	Width of jaw	Height of jaw	Max. opening
QH80	80mm	30mm	65mm
QH100	100mm	35mm	80mm
QH125	125mm	40mm	100mm
QH160	160mm	51mm	125mm
QH200	200mm	63mm	160mm



QB MACHINE VICE

Model	Width of jaw	Height of jaw	Max. opening
QB136	136mm	36mm	170mm
QB160	160mm	51mm	180mm
QB200	200mm	64mm	220mm
QB250	250mm	63mm	280mm
QB320	320mm	81mm	360mm



QUICK-ACTION VICE

Model	Width of jaw	Jaw opening	Weight
EQV-E3	76mm	76mm	3.3mm
EQV-E4	102mm	116mm	6.3mm
EQV-E6	153mm	157mm	13.2mm
EQV-E8	203mm	210mm	21m



EQV-E6

2 WAY ANGLE MACHINE VICE

Model	Jaw width	Jaw opening	Jaw height	Weight
EQHK-100	100mm	75mm	41mm	15kg
EQHK-125	125mm	95mm	46mm	22kg
EQHK-160	160mm	120mm	50mm	32kg



UNIVERSAL 3-WAY ANGLE MACHINE VICE

Model	Jaw width	Jaw opening	Jaw height	Weight
QW100	105mm	105mm	40mm	24kg
Qw125	125mm	120mm	44mm	26kg



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MACHINE ACCESSORIES

VISE SERIES

ANGLE VISE

Model	Miter capacity	Jaw height	Jaw length	weight
EAC-V25	85mm	35mm	105mm	5.2kg
EAC-V26	120mm	61.5mm	134mm	10.4kg



LOCKED TYPE MILLING MACHINE VISE

- Outstanding clamping power and positive downforce on movable jaw through hardened spherical segment.
- Removable hinged handle for fast locking.
- Provides better clamping pressure.
- Eliminates hammering.
- Hardened and ground jaw plates
- Hardened lead screw with ground threads.
- Swivel handle.
- 360° swivel base is graduated in 1° increments.



ELV-150PGE



ELV-150XE

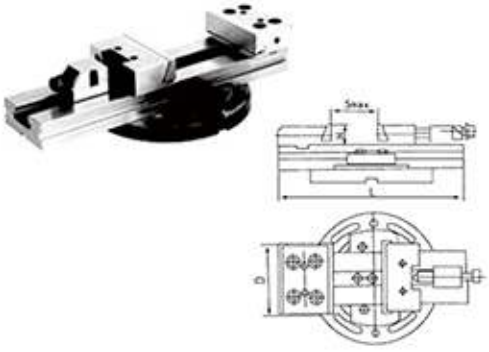
Model	Jaw width (mm)	Jaw opening (mm)	Jaw height (mm)	weight	
				Plain	W/swivel base
ELV-100E	103	110	34	15	20
ELV-130E	128	120	36	20	26
ELV-150E	151	153	45	28	38
ELV-150XE	150	190	45	30	40
ELV-200E	200	218	62	61	78
ELV-100PGE	102	100	34	14.50	---
ELV-150PGE	150	150	45	27	---



ELV-150E

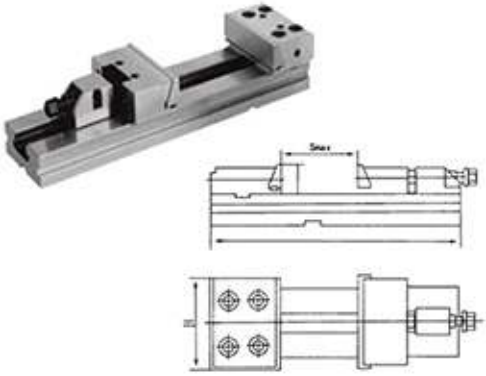
PRECISION MODULAR VISE

Model	B(mm)	H(mm)	Smax(mm)	L(mm)	Clamping force(kg)	
GT100-II	100	30	100	270	3000	10.30
GT125-II	125	40	150	345	3000	18.20
GT150A-II	150	50	200	420	5000	36.40
GT150B-II	150	50	300	520	5000	40.30
GT175A-II	175	60	200	455	6000	44.60
GT175B-II	175	60	300	555	6000	55.50
GT175C-II	175	60	400	655	6000	64.20
GT200A-II	200	65	200	495	10000	78.00
GT200B-II	200	65	300	595	10000	85.00
GT200C-II	200	65	400	695	10000	92.00



MODULAR VISE STANDARD SERIES

Model	B(mm)	H(mm)	Smax(mm)	L(mm)	Clamping force(kg)	Wt(kg)
GT100-I	100	30	100	270	3000	7
GT125-I	125	40	150	345	3000	12.7
GT150A-I	150	50	200	420	5000	25.6
GT150B-I	150	50	300	520	5000	29.5
GT175A-I	175	60	200	455	6000	33.8
GT175B-I	175	60	300	555	6000	42.5
GT175C-I	175	60	400	655	6000	51.2
GT200A-I	200	65	200	495	10000	57
GT200B-I	200	65	300	595	10000	64
GT200C-I	200	65	400	695	10000	71



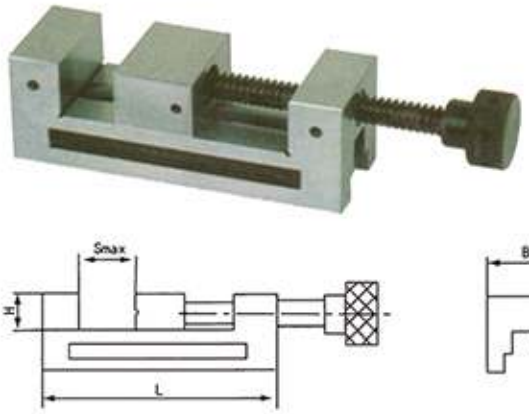
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MACHINE ACCESSORIES

VISE SERIES

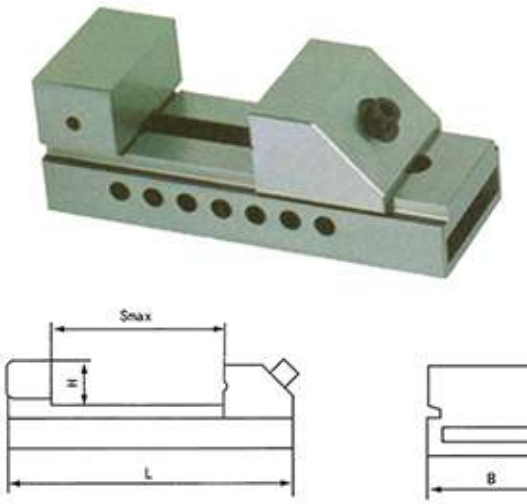
QGG PRECISION TOOL VISES

Model	B mm	H mm	Smax mm	L mm	Weight (kg)
QGG50	50	25	65	155	3.0
QGG60	60	25	55	110	2.4
QGG63	63	32	85	190	3.8
QGG73	73	35	100	210	5.0
QGG80	80	40	100	220	6.5
QGG88	88	40	125	250	11.0
QGG100	100	45	125	260	13.0
QGG125	125	50	160	300	19.5
QGG125A	125	50	210	350	23.0
QGG150	150	50	175	315	23.8



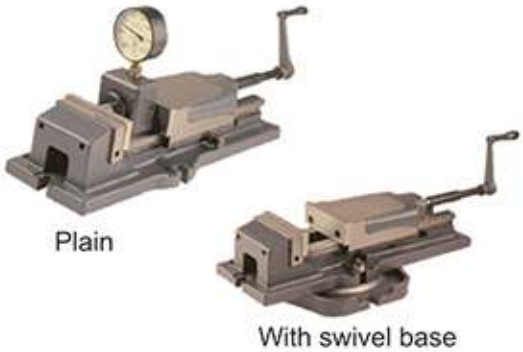
QKG PRECISION TOOL VISES

Model	B mm	H mm	Smax mm	L mm	Wdight (kg)
QKG25	26	9.15	22	65.4	0.5
QKG36	36	20	40	100	1.2
QKG38	38	20	44	105	1.3
QKG50	50	25	65	140	2.0
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23.0
QKG150B	150	50	300	430	24.0



HYDRAULIC POWER MACHINE VISE

Model	Jaw width	Jaw depth	Jaw opening	Clamping Force(kg)	Weight (kg)	
					Plain	W/swivel base
EHP-4V	100mm	36mm	170mm	2600	16	22
EHP-5V	125mm	46mm	220mm	3500	32	42
EHP-6V	155mm	53.5mm	305mm	4600	58	75
EHP-8V	200mm	62mm	305mm	7200	96	125


Plain

With swivel base

FREE MACHINE VISE

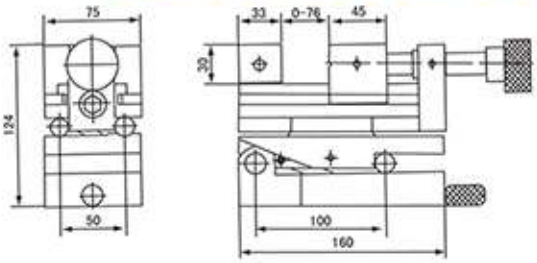
Model	Jaw width	Jaw height	Jaw micro adjusting size	Weight
F-160	160mm	81mm	0-16mm	19/18kg
F-200	200mm	81mm	0-24mm	29/28kg



MACHINE ACCESSORIES

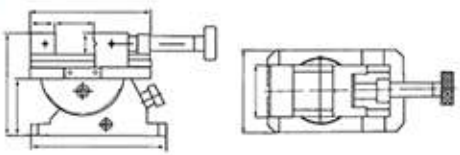
PRECISION COMPOUND SINE VISE





1. Made of high-quality alloy steel. The hardness of working surface reaches HRC58~62
2. Parallelism 0,005mm/100mm, squareness 0.005mm
3. The precision sine vise is developed for processing at variour angle. It is used for grinding, cutting, making hole making and measuring
4. Adjustable angle range: 0°~45°

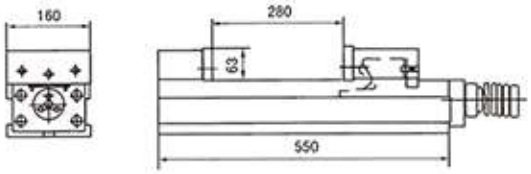




Model	Jaw Width	Max opening	Jaw height	Outside size
CHM80	70mm	85mm	30mm	195x110x137mm

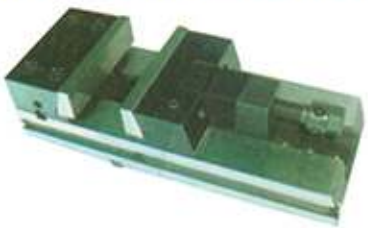
UNIVERSAL POWER VISE

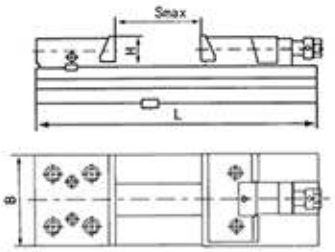




Model	Jaw width (mm)	Jaw Depth (mm)	Max. Opening (mm)	Max clamping	Length (mm)	parallelism	squareness
ZQ53160	160	63	280	5500kgs	550	0.025mm/	0.025mm

MVN PRECISION MACHINE VISE





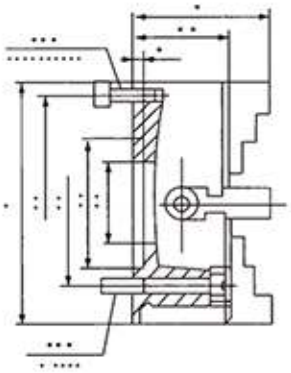
Model	B (mm)	H (mm)	Smax (mm)	L (mm)	parallelism	squareness	hardness
MVN125	124	40	140	323	≤0.015mm/ 1000mm	≤0.03mm	HRC56~60
MVN150	149	52	210	423			
MVN175	174	58	240	470			
MVN200	199	66	270	520			
MVN250	249	74	340	600			

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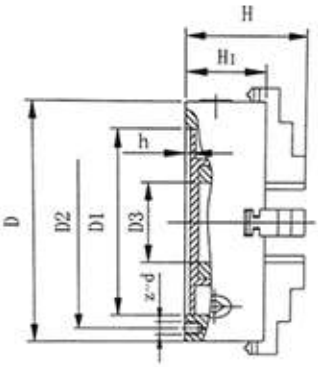
MACHINE ACCESSORIES

CHUCK









K72 SERIES 4-JAW INDEPENDENT CHUCKS

Chuck Size	Size Dinch	D1	D2	D3	H	H1	h	z-d	Code No.
80	3	55	66	22	58	42	3.5	4-M6	K72-80
100	4	72	84	25	77	54	4	4-M8	K72-100
125	5	95	108	30	78	56	4.5	4-M8	K72-125
160	6	65	95	45	96.5	65	5	4-M10	K72-160
160A	6	53	71	45	96.5	65	5	4-M10	K72-160A
160T	6	130	145	40	96.5	65	5	4-M10	K72-160T
200	8	125	104.8	50	110	75	6	4-M10	K72-200
200A	8	75	95	56	110	75	6	4-M10	K72-200A
250	10	100	120	65	117.5	82	6	4-M12	K72-250
250A	10	110	130	75	115.5	80	6	4-M12	K72-250A
300	12	152	130	75	128.5	85	6	4-M12	K72-300
315	12	140	165	95	134	90	6	4-M16	K72-315
320	13	140	165	95	134	90	6	4-M16	K72-320
350	14	130	168	80	145	95	8	4-M16	K72-350
400	16	160	165	125	143	95	8	4-M16	K72-400
450	18	180	205	140	147	100	8	4-M16	K72-450
500	20	200	236	160	161	106	8	4-M20	K72-500
630	25	220	258	180	180	115	10	4-M20	K72-630
800	32	250	300	210	210	135	12	8-M20	K72-800
1000	40	320	370	260	241	150	15	8-M20	K72-1000
1000A	40	285	330	260	241	150	75	8-M20	K72-1000A
1250	50	400	500	305	256	165	15	8-M20	K72-1250
1400	65	400	500	305	246	155	15	8-M20	K72-1400
1600	63	420	520	320	266	175	16	8-M24	K72-1600
2000	80	450	560	350	290	190	20	8-M30	K72-2000

K12 SERIES 4-JAW SELF-CENTERING CHUCKS (2 PIECES JAW)

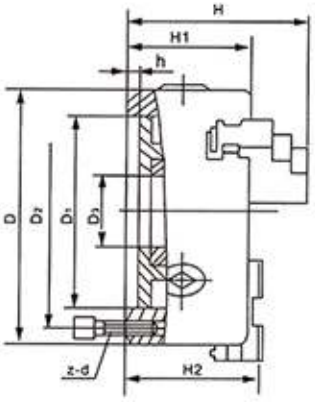
Chuck size	D1	D2	D3	H	H1	h	z-d	N.W	Code No.
125	95	108	30	95	58	4	3-M8	5	K12-125A
130	100	115	30	97	60	5	3-M8	5.6	K12-130A
160	130	142	45	109	65	5	3-M8	8.8	K12-160A
165	130	145	45	109	65	5	3-M8	9.8	K12-165A
190	155	172	55	122	75	5	3-M10	13.8	K12-190A
200	165	50	65	122	75	5	3-M10	15.5	K12-200A
240	195	215	70	136	80	8	3-M12	25	K12-240A
250	206	226	80	136	80	5	3-M12	26	K12-250A
315	260	285	100	156.5	90	6	3-M16	50	K12-315A
320	270	290	100	156.5	90	6	3-M16	53	K12-320A
325	272	296	100	156.5	90	6	3-M16	66	K12-325A
380	325	350	130	173.5	100	6	3-M16	82	K12-380A
400	340	368	130	173.5	100	6	3-M16	85	K12-400A
500	440	465	210	202	115	6	6-M16	119	K12-500A
630	560	595	260	220.5	135	6	6-M16	125	K12-630A

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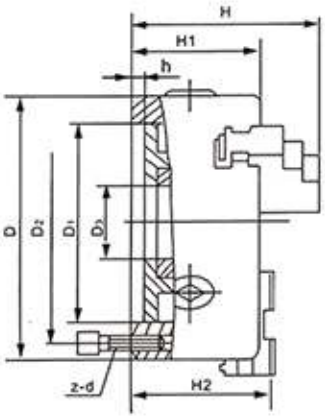
MACHINE ACCESSORIES

CHUCK









K11 SERIES 3-JAW SELF CENTERING CHUCKS

Chuck size	D1	D2	D3	H	H1	h	z-d	Max.input torque	Max.speed	Code No.	Code No.for Front-mounting
80	55	66	16	66.5	50	4	3-M6	40	4000	K11-80	K11-80F
100	72	84	22	74.5	55	3	3-M8	60	3500	K11-100	K11-100F
125	95	108	30	84.5	58	4	3-M8	100	3000	K11-125	K11-125F
130	100	115	30	86.5	60	5	3-M8	100	3000	K11-130	K11-130F
160	130	142	45	94	65	5	3-M8	160	2500	K11-160	K11-160F
165	130	145	45	94	65	5	3-M8	160	2500	K11-165	K11-165
190	155	172	55	105	75	5	3-M10	250	2000	K11-190	K11-190F
200	165	180	65	109	75	5	3-M10	250	2000	K11-200	K11-200F
230	190	210	70	120	80	6	3-M12	250	1600	K11-230	K11-230F
240	195	215	70	120	80	8	3-M12	320	1600	K11-240	K11-240F
250	206	226	80	120	80	5	3-M12	320	1600	K11-250	K11-250F
315	260	285	100	147.5	90	6	3-M16	400	1200	K11-315	K11-315F
320	270	290	100	147.5	90	6	3-M16	400	1200	K11-320	K11-320F
325	272	296	100	147.5	90	6	3-M16	400	1200	K11-325	K11-325F
380	325	350	130	173.5	100	6	3-M16	500	1000	K11-380	K11-380F
400	340	368	130	173.5	100	6	3-M16	500	1000	K11-400	K11-400F
500	440	465	210	202	115	6	6-M16	630	800	K11-500	K11-500F
630	560	595	260	194	130	7	6-M16	800	800	K11-630	K11-630F

K11 SERIES 3-JAW SELF-CENTERING CHUCKS(2 PIECES JAW)

Front Mounting

Chuck size	D1	D2	D3	H	H1	h	H2	z-d	Max.input torque	Max.speed	Net wt.	Code No.	Code No.for Front-mounting
125	95	108	30	95	58	63	4	3-M8	100	3000	4.8	K11-125A	K11-125AF
130	100	115	30	97	60	65	5	3-M8	100	3000	4.3	K11-130A	K11-130AF
160	130	142	45	109	65	71	5	3-M8	160	2500	8.3	K11-160A	K11-160AF
190	155	172	55	122	75	80	5	3-M10	250	2000	9.5	K11-190A	K11-190AF
200	165	180	65	122	75	80	5	3-M10	250	2000	13.0	K11-200A	K11-200AF
230	190	210	70	136	80	86	6	3-M12	250	2000	14.5	K11-230A	K11-230AF
240	195	215	70	136	80	86	8	3-M12	320	1600	22.5	K11-240A	K11-240AF
250	206	226	80	136	80	86	5	3-M12	320	1600	23.0	K11-250A	K11-250AF
315	260	285	100	156.5	90	99.5	6	3-M16	400	1200	41	K11-315A	K11-315AF
320	270	290	100	156.5	90	99.5	6	3-M16	400	1200	42	K11-320A	K11-320AF
325	272	296	100	156.5	90	99.5	6	3-M16	400	1200	41	K11-325A	K11-325AF
380	325	350	130	173.5	100	112.5	6	3-M16	500	1000	46	K11-380A	K11-380AF
400	340	368	130	173.5	100	112.5	6	3-M16	500	1000	62	K11-400A	K11-400AF
500	440	465	210	202	115	126	6	6-M16	630	800	71	K11-500A	K11-500AF
630	560	595	260	220.5	135	144.5	7	6-M16	800	800	200	K11-630A	K11-630AF

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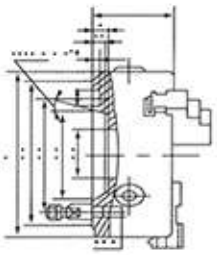
MACHINE ACCESSORIES

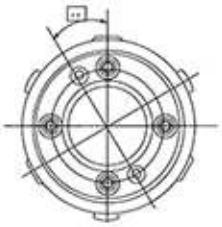
CHUCK

K11 SERIES DIRECT MOUNTING 3-JAW SELF-CENTERING CHUCKS

Code No.	D	D_1	D_2	D_3	D_4	H_1	h	h1	h2	d1	z-d	Kg Net wt.
K11-125/C3	125	53.975	75	25	102	63	13	10	-	-	3-M10	6
K11-125/C4	125	63.513	85	25	112	63	13	10	6.5	14.7	3-M10	6
K11-160/C3 K11-160A/C3	160	53.975	75	40	102	76	13	10	-	-	3-M10	10
K11-160/C4 K11-160A/C4	160	63.513	85	40	112	70	13	10	6.5	14.7	3-M10	10
K11-160/C5 K11-160A/C5	160	82.563	104.8	40	135	73	15	12	6.5	16.3	4-M10	10
K11-200/C4 K11-200C/C4 K11-200A/C4	200	63.513	85	50	112	84	13	10	6.5	14.7	3-M10	17
K11-200/C5 K11-200C/C5 K11-200A/C5	200	82.563	104.8	50	135	84	15	12	6.5	16.3	4-M10	17
K11-200/C6 K11-200C/C6 K11-200A/C6	200	106.375	133.4	50	170	84	16	13	6.5	19.5	4-M12	17
K11-250/C5 K11-250C/C5 K11-250A/C5	250	82.563	104.8	70	135	95	15	12	6.5	16.3	4-M10	30
K11-250/C6 K11-250C/C6 K11-250A/C6	250	106.375	133.4	70	170	95	16	13	6.5	19.5	4-M12	30
K11-250/C8 K11-250C/C8 K11-250A/C8	250	139.719	171.4	80	220	95	18	14	8	24.2	4-M16	30
K11-315/C6 K11-315C/C6 K11-315A/C6	315	106.375	133.4	100	170	103.5	16	13	6.5	19.5	4-M12	53
K11-315/C8 K11-315C/C8 K11-315A/C8	315	139.719	171.4	100	220	105	18	14	8	24.2	4-M16	53
K11-315/C11 K11-315C/C11 K11-315A/C11	315	196.869	235	100	290	106	20	16	10	29.4	6-M20	53
K11-320/C6 K11-320C/C6 K11-320A/C6	320	106.375	133.4	100	170	103.5	16	13	6.5	19.5	4-M12	53
K11-320/C8 K11-320C/C8 K11-320A/C8	320	139.719	171.4	100	220	106	18	14	8	24.2	4-M16	53
K11-320/C11 K11-320C/C11 K11-320A/C11	320	196.869	235	100	290	106	20	16	10	29.4	6-M20	53
K11-325/C6 K11-325C/C6 K11-325A/C6	320	106.375	133.4	100	170	103.5	16	13	6.5	19.5	4-M12	53
K11-325/C8 K11-325C/C8 K11-325A/C8	325	139.719	171.4	100	220	106	18	14	8	24.2	4-M16	53
K11-325/C11 K11-325C/C11 K11-325A/C11	325	196.869	235	100	290	106	20	16	10	29.4	6-M20	53
K11-380/C8 K11-380C/C8 K11-380A/C8	380	139.719	171.4	130	220	118	18	14	8	24.2	4-M16	79
K11-380/C11 K11-380C/C11 K11-380A/C11	380	196.869	235	135	290	118	20	16	10	29.4	6-M20	79
K11-400/C8 K11-400C/C8 K11-400A/C8	400	139.719	171.4	130	220	118	18	14	8	24.2	4-M16	79
K11-400/C11 K11-400C/C11 K11-400A/C11	400	196.869	235	135	290	118	20	16	10	29.4	6-M20	79
K11-500/C11 K11-500A/C11	500	196.869	235	190	290	135	20	16	10	29.4	6-M20	159
K11-500/C15 K11-500A/C15	500	285.775	330.2	210	400	135	21	17	10	35.7	6-M24	159
K11-630/C11 K11-630A/C11	630	196.869	235	252	290	135	20	16	10	29.4	6-M20	230
K11-630/C15 K11-630A/C15	630	285.715	330.2	252	400	135	21	17	10	35.7	6-M24	230

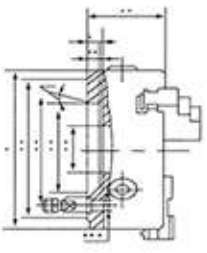


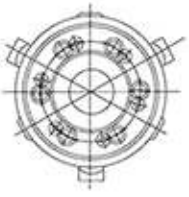




Code No.	D	D_1	D_2	D_3	D_4	H_1	h	h1	z-d	Kg Net wt.
K11-125/D3	125	53.975	70.6	25	92	63	13	10	3-M10×1	6
K11-125/D4	125	63.513	82.6	25	117	63	13	10	3-M10×1	6
K11-160/D3 K11-160A/D3	160	53.975	70.6	40	92	76	13	10	3-M10×1	10
K11-160/D4 K11-160A/D4	160	63.513	82.6	40	117	70	13	10	3-M10×1	10
K11-160/D5 K11-160A/D5	160	82.563	104.8	40	146	73	15	12	6-M12×1	10
K11-200/D4 K11-200C/D4 K11-200A/D4	200	63.513	82.8	50	117	84	13	10	3-M10×1	17
K11-200/D5 K11-200C/D5 K11-200A/D5	200	82.563	104.8	50	146	84	15	12	6-M12×1	17
K11-200/D6 K11-200C/D6 K11-200A/D6	200	106.375	133.4	50	181	84	16	13	6-M16×1.5	17
K11-250/D5 K11-250C/D5 K11-250A/D5	250	82.563	104.8	70	146	95	15	12	6-M12×1	31
K11-250/D6 K11-250C/D6 K11-250A/D6	250	106.375	133.4	70	181	95	16	13	6-M16×1.5	32
K11-250/D8 K11-250C/D8 K11-250A/D8	250	139.719	171.4	80	225	95	18	14	6-M20×1.5	32
K11-315/D6 K11-315C/D6 K11-315A/D6	315	106.375	133.4	100	181	103.5	16	13	6-M16×1.5	49
K11-315/D8 K11-315C/D8 K11-315A/D8	315	139.719	171.4	100	225	105	18	14	6-M20×1.5	49
K11-315/D11 K11-315C/D11 K11-315A/D11	315	196.869	235	100	198	106	20	16	6-M22×1.5	51
K11-320/D6 K11-320C/D6 K11-320A/D6	320	106.375	133.4	100	181	103.5	16	13	6-M16×1.5	50
K11-320/D8 K11-320C/D8 K11-320A/D8	320	139.719	171.4	100	225	106	18	14	6-M20×1.5	50
K11-320/D11 K11-320C/D11 K11-320A/D11	320	196.869	235	100	298	106	20	16	6-M22×1.5	52
K11-325/D6 K11-325C/D6 K11-325A/D6	320	106.375	133.4	100	181	103.5	16	13	6-M16×1.5	51
K11-325/D8 K11-325C/D8 K11-325A/D8	325	139.719	171.4	100	225	106	18	14	6-M20×1.5	51
K11-325/D11 K11-325C/D11 K11-325A/D11	325	196.869	235	100	298	106	20	16	6-M22×1.5	53
K11-380/C8 K11-380C/C8 K11-380A/C8	380	139.719	171.4	130	225	118	18	14	6-M20×1.5	81
K11-380/C11 K11-380C/C11 K11-380A/C11	380	196.869	235	135	298	118	20	16	6-M22×1.5	81
K11-400/D8 K11-400C/D8 K11-400A/D8	400	139.719	171.4	130	225	118	18	14	6-M20×1.5	85
K11-400/D11 K11-400C/D11 K11-400A/D11	400	196.869	235	135	298	118	20	16	6-M22×1.5	85
K11-500/D11 K11-500A/D11	500	196.869	235	190	298	135	20	16	6-M22×1.5	159
K11-500/D15 K11-500A/D15	500	285.775	330.2	210	403	135	21	17	6-M24×1.5	159
K11-630/D11 K11-630A/D11	630	196.869	235	252	298	135	20	16	6-M22×1.5	250
K11-630/D15 K11-630A/D15	630	285.715	330.2	252	403	135	21	17	6-M24×1.5	250





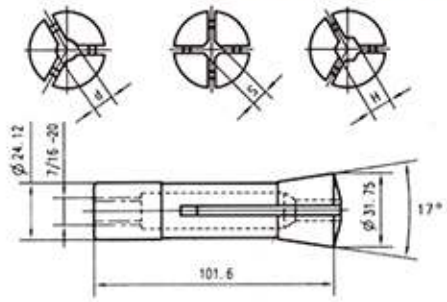


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MACHINE ACCESSORIES

COLLECT SERIES





R8 ROUND COLLECTS

d (mm): 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

d (in): 1/32, 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2,17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 25/32, 13/16, 27/32, 7/8

R8 SQUARE COLLECTS

S (mm): 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13

S (in): 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2

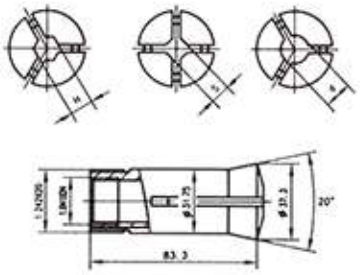
R8 HEX COLLECTS

H (mm): 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

H (in): 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2,17/32, 9/16, 19/32, 5/8

5C COLLECTS





5C ROUND COLLECTS

d (mm): 1-28mm

d (in): 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64, 1/4, 17/64, 9/32, 19/64, 5/16, 21/64, 11/32, 23/64, 3/8, 25/64, 13/32, 27/64, 7/16, 29/64, 15/32, 31/64, 1/2, 33/64, 17/32, 35/64, 9/16, 37/64

5C SQUARE COLLECTS

S (mm): 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

S(in): 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4

5C HEX COLLECTS

H (mm): 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22

H (in): 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2,17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 25/32, 13/16, 27/32, 7/8

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MACHINE ACCESSORIES

DIN6343 CLAMPING COLLECTS

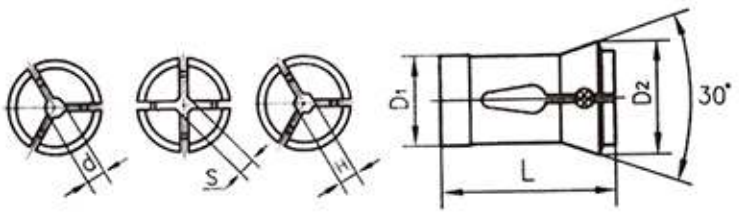
Material: 65Mn

Hardness: clamping part HRC55~60

Elastic part HRC40~45

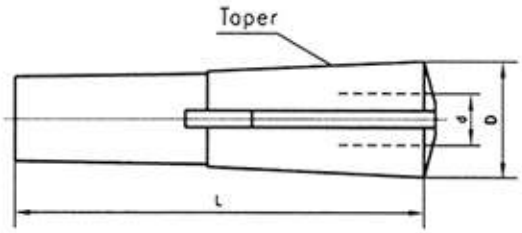
This unit is applicable to all sorts of automatic lathes, turret lathes





Model	D1 (mm)	D2 (mm)	L(mm)	Hole size (mm)			Weight (kg)
				round	square	hex	
DIN6343-17.5	17.5	22	51	13	8	10	0.05
DIN6343-22	22	30	55	16	11	13	0.09
DIN6343-27	27	38	72.7	22	15	19	0.10
DIN6343-28	28	38	70	22	15	19	0.12
DIN6343-32	32	45	75	26	18	22	0.27
DIN6343-35	35	48	80	30	21	26	0.35
DIN6343-42	42	55	94	36	25	30	0.49
DIN6343-48	48	60	94	42	29	36	0.57
DIN6343-56	56	68	94	50	35	42	0.65
DIN6343-66	66	84	110	60	42	52	1.16



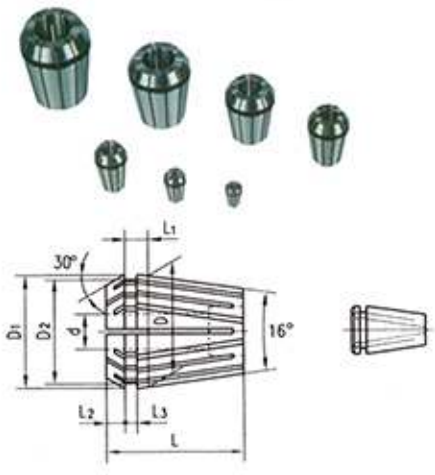


TAPER COLLECTS

Model	JMS1	JMS2	JMS3	JMS4	J7B&S	J9B&S
D (mm)	12.2	16	24.1	31.5	18.4	27.08
L (mm)	57	68	86	108	79.4	105

ER SERIES COLLECTS WITH STANDARD DIN6499B

Model	d H7	D	D1	D2	L	L1	L2	L3	Collapsible capacity
ER8	≥1.0~5.0	8	8.45	6.5	13.5	2.98	1.5	1.2	0.5
ER11	≥1.0~7.0	11	11.5	9.5	18.0	3.8	2.5	2.0	0.5
ER16	≥1.0~2.5	16	17	13.8	27.5	6.26	4.0	2.7	0.5
	>2.5~10.0	16	17	13.8	27.5	6.26	4.0	2.7	1.0
ER20	≥1.0~2.5	20	21	17.4	31.5	6.36	4.8	2.8	0.5
	>2.5~13.0	20	21	17.4	31.5	6.36	4.8	2.8	1.0
ER25	≥1.0~2.5	25	26	22.0	34.0	6.66	5.0	3.1	0.5
	>2.5~16.0	25	26	22.0	34.0	6.66	5.0	3.1	1.0
ER32	≥2.0~2.5	32	33	29.2	40.0	7.16	5.5	3.6	0.5
	>2.5~20.0	32	33	29.2	40.0	7.16	5.5	3.6	1.0
ER40	≥3.0~26.0	40	41	36.2	46.0	7.66	7.0	4.1	1.0
ER50	≥6.0~10.0	50	52	46.0	60.0	12.6	8.5	5.5	1.0
	>10.0~34.0	50	52	46.0	60.0	12.6	8.5	5.5	2.0



ER11-ER50 ER8

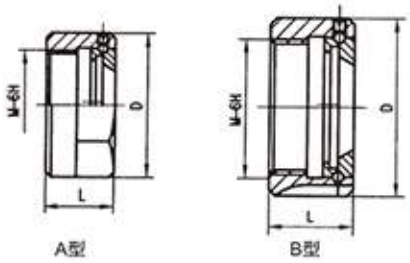
TEL: 0086-21-37773053, 37773056 Mobile phone: 0086-18616516203
FAX: 0086-21-67692031 E-mail: greatech@great.sina.net

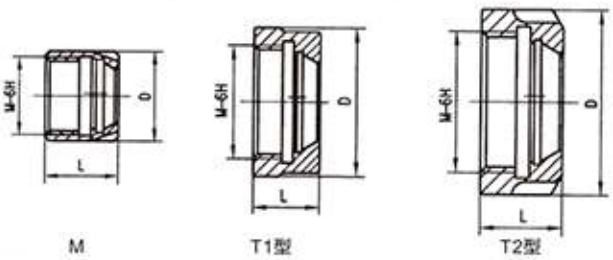
MACHINE ACCESSORIES

ER NUT

Model	type	D (mm)	L (mm)	M	Wt (kg)
ER11-A	A	19	11.3	M14x0.75	0.005
ER16-A	A	28	17.5	M22x15	0.01
ER20-A	A	35	19	M25x1.5	0.05
ER25-B	B	42	20	M32x1.5	0.14
ER32-B	B	50	22.5	M40x1.5	0.20
ER40-B	B	63	25.5	M50x1.5	0.30
ER50-B	B	78	35.5	M64x2	0.50
ER8-M	M	12	12	M10x0.75	0.005
ER11-M	M	16	12	M143x0.75	0.01
ER16-M	M	22	18	M19x1	0.05
ER20-M	M	28	19	M24x1	0.05
ER25-M	M	35	20	M30x1	0.08
ER11-T1	T1	19	11.3	M14x0.75	0.005
ER16-T1	T1	28	17.5	M22x15	0.01
ER20-T1	T1	35	19	M25x1.5	0.05
ER25-T2	T2	42	20	M32x1.5	0.14
ER32-T2	T2	50	22.5	M40x1.5	0.20
ER40-T2	T2	63	25.5	M50x1.5	0.30
ER50-T2	T2	78	35.5	M64x2	0.50



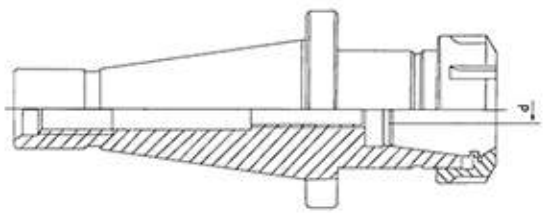




MILLING CHUCK SET

1. A set included: 1 collect chuck, 1 clamping nut, full set of collects and 1 spanner
2. Packed in a wooden case or plastic case

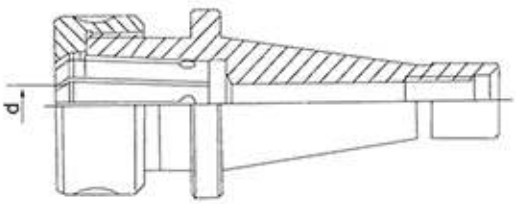




ER16 MILLING COLLECT CHUCK (8PCS/SET)
ER25 MILLING COLLECT CHUCK (6PCS/SET, 10 PCS/SET)
ER32 MILLING COLLECT CHUCK (6PCS/SET, 12PCS/SET)
ER40 MILLING COLLECT CHUCK (8PCS/SET, 15 PCS/SET)

J73 MILLING CHUCK SET





- A set included: 1 collet chuck, 1 clamping nut, full set of collets and 1 spanner.
- Packed in a wooden case or plastic case

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MACHINE ACCESSORIES

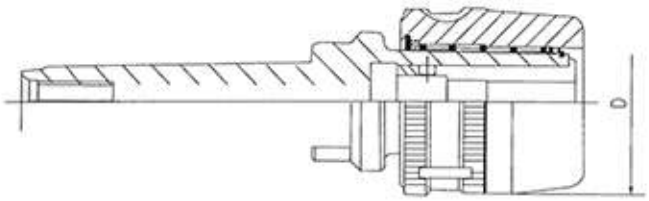
MILLING CHUCK SET



Jm71 SERIES MILLING CHUCK
JM7122 MILLING CHUCK (6 PCS / SET)
JM7116 MILLING CHUCK (8PCS / SET),
JM7120 MILLING CHUCK (10 PCS / SET)
JM7125 MILLING CHUCK (11 PCS / SET),
JM7132 MILLING CHUCK (12 PCS / SET)

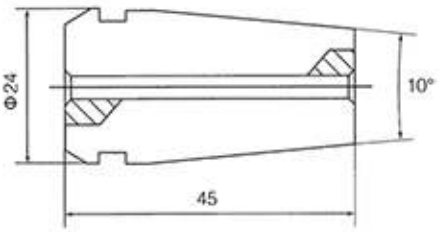
The milling chuck clamp with exceptional force and with a very tight tolerance on run out.

Used for the spindle taper of milling machine: R8, MS2~MS5, 7:24 30~50



Q24-16 MILLING CHUCK SET



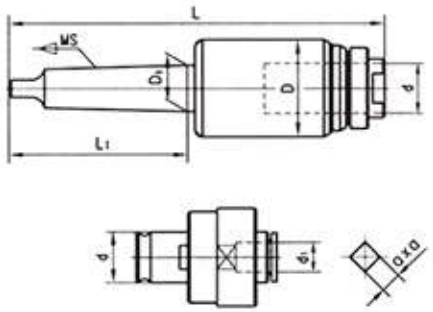


A set included: 1 collect chuck, 1 clamping nut, 8 collects and 1 spanner

Packed in a wooden case or a plastic case

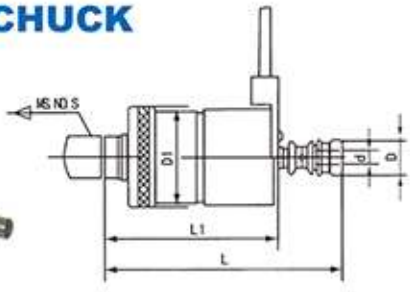
J41 TAPPING CHUCK





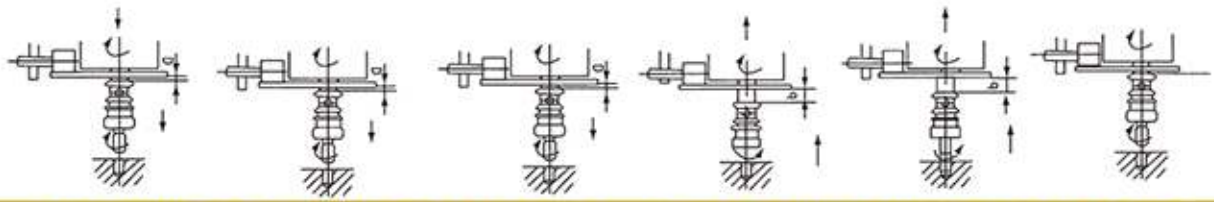
J46 REVERSIBLE TAPPING CHUCK





1. Overload protection
2. Adjustable torque
3. Reverse device:self-reversing without need for stopping and reversing the spindle, faster withdrawl
4. Simple operation

Model	Tapping range	d	D	D1	L	L1	MS.NO.S
J467	M2-M7	2.5-65	23	55	135	95	MS1-JT33 MS3-JT33
J4612	M5-M12	3.5-10	28	75	164	114.5	MS3-M16 MS4-M16
J4620	M8-M20	6.3-14	38	90.5	205	135	MS3-M20 MS4-M20



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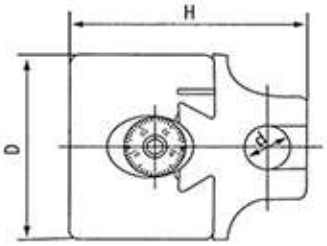
MACHINE ACCESSORIES

ER NUT

TYPE F1 BORING HEADS

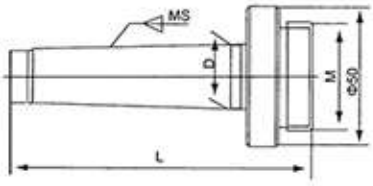


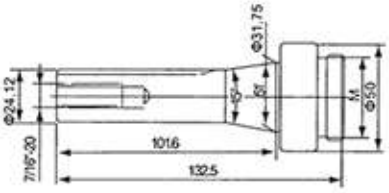




Model	d (mm)	H(mm)	Max offset	Boring bar die	Min graduation	Dia of Bring
F1-1/2	50	61.6	5/8"	1/2"	0.001"	3/8 "-5"
F1-3/4	75	80.2	1"	3/4"	0.0005"	1/2 "-9"
F1-1	100	93.2	1-5/8"	1"		5/8 "-25"
F1-12	50	61.6	16mm	12mm	0.01mm	10-125mm
F1-18	75	80.2	25mm	18mm		12-225mm
F1-25	100	93.2	41mm	25mm		15-630mm







F1 BORING SHANK

Model	shank	L(mm)	M	Model	shank	L(mm)	M
F1-MS2W	MS2	93	7/8"-20	F1-ISO40	ISO40	135	7/8"-20
F1-MS2		108		F1-ISO50	ISO50	168	
F1-MS3W	MS3	110		F1-B&S9	B&S9	134	
F1-MS3		128		F1-1/2	1/2"	85	
F1-MS4W	MS4	133		F1-5/8	5/8"	97	
F1-MS4		154		F1-3/4	3/4"	112	
F1-MS5W	MS5	160		F1-7/8	7/8"	127	
F1-MS5		186		F1-1	1"	137	
F1-MS6W	MS6	214		F1-1-1/4	1-1/4"	167	
F1-MS6		248		F1-1-1/2	1-1/2"	197	
F1-R8	R8	132.5		F1-1-3/4	1-3/4"	227	
F1-ISO30	ISO30	102		F1-2	2"	252	
F1-MS2WA	MS2	93	1-1/2"-18	F1-ISO40A	ISO40	135	1-1/2"-18
F1-MS2A		108		F1-ISO50A	ISO50	168	
F1-MS3WA	MS3	110		F1-B&S9A	B&S9	134	
F1-MS3A		128		F1-1/2A	1/2"	85	
F1-MS4WA	MS4	133		F1-5/8A	5/8"	97	
F1-MS4A		154		F1-3/4A	3/4"	112	
F1-MS5WA	MS5	160		F1-7/8A	7/8"	127	
F1-MS5A		186		F1-1A	1"	137	
F1-MS6WA	MS6	214		F1-1-1/4A	1-1/4"	167	
F1-MS6A		248		F1-1-1/2A	1-1/2"	197	
F1-R8A	R8	132.5		F1-1-3/4A	1-3/4"	227	
F1-ISO30A	ISO30	102		F1-2A	2"	252	

Among the order NO. F1-MS2 and F1-MS2W respectively refer to MS2 taper with tang and MS2 taper with draw bar

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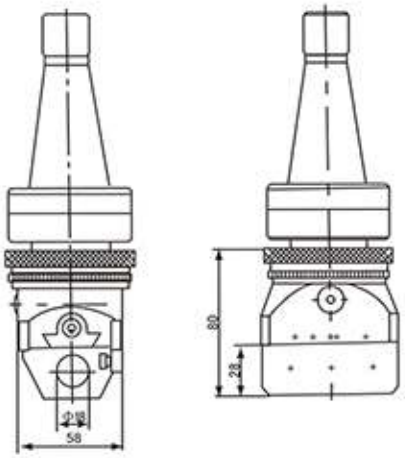
MACHINE ACCESSORIES

F4 UNIVERSAL BORING AND FACING HEAD

"It is a major accessory of the machine tools, such as jig boring machine, horizontal boring machine, milling machine, cnc machine, etc. It is possible to carry out such operation as facing, outside inside diameter boring, boring step holes and inner and outside groove cutting etc.

It has the mechanism of manual fine feed, rapid adjustment, various velocities for radial automatic feed and overload protection. With high precision and easy handing, it is reliable and safe."



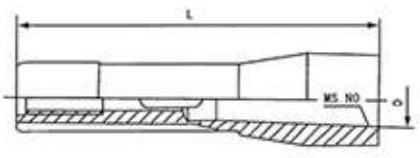


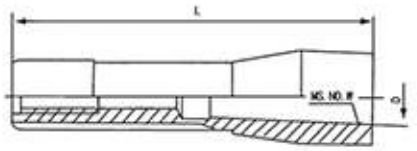
Model	Dia. of boring	Boring bar hole size	Center dist between holes	Fine feed per graduation	offset
F4-18	5~250	18	23	0.005	±15

Model	specification	Model	specification
F4-18-R8	7/16x20UNF"	F4-18-MS5	tanged
F4-18-MW3	M12	F4-18-MS6	tanged
F4-18-MW3I	1/2x13UNC	F4-18-30	M12
F4-18-MW4	M16	F4-18-30I	1/2"x13UNC
F4-18-MW4I	5/8"x11UNC	F4-18-40	M16
F4-18-MW5	M20	F4-18-40I	5/8"x11UNC
F4-18-MW5I	3/4"x10UNC	F4-18-50	M24
F4-18-MW6	M24	F4-18-50I	1"x8UNC
F4-18-MW6I	1"x8UNC	F4-18-BT30	M12
F4-18-MS3	tanged	F4-18-BT40	M16
F4-18-MS4	tanged	F4-18-BT50	M24



BR8-2W





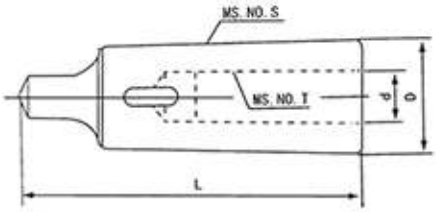
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MACHINE ACCESSORIES

R8 TO MS SLEEVES

Model	MS. NO. W	D (mm)	L (mm)	Model	MS. NO.W	D (mm)	L (mm)
BR8-1W	1	12.065	102	BR8-1	1	12.065	114
BR8-2W	2	12.780	105	BR8-2	2	12.780	127
BR8-3W	3	23.825	135	BR8-3	3	23.825	153
BR8-4W	4	31.267	218	BR8-4	4	31.267	240



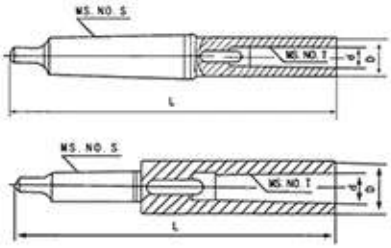


DIN2185 MORSE TAPER SLEEVES

Model	MS. NO.S	MS. NO.T	D(mm)	d (mm)	L(mm)	Weight	Accuracy (mm)
B1-0	1	0	13	9.045	80	0.10	0.015
B2-1	2	1	18.6	12.065	92	0.10	
B3-1	3		24.1		99	0.24	
B3-2		2	24.7	17.780	112	0.12	
B4-1	4	1	31.6	12.065	124	0.60	
B4-2		2		17.780		0.50	
B4-3		3	32.4	23.825	140	0.38	
B5-1	5	1	44.7	12.065	156	1.59	0.020
B5-2		2		17.780		1.49	
B5-3		3		23.825		1.36	
B5-4		4	45.5	31.267	171	0.95	
B6-1	6	1	63.8	12.065	218	3.84	
B6-2		2		17.780		3.73	
B6-3		3		23.825		3.85	
B6-4		4		31.267		3.12	
B6-5		5		44.399		1.95	

DIN EXTENSION SOCKET WITH MS. HOLE





MS. NO. S: 1, 2, 3, 4, 5, 6

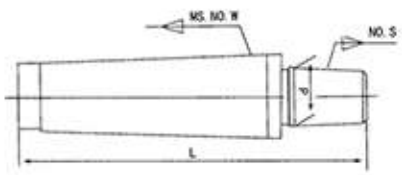
MS. NO. T: 1, 2, 3, 4, 5

D (mm): 20~85

d (mm): 12.065~44.399

MORSE TAPER DRILL CHUCK ARBORS WITH DRAW BAR





MS. NO. W: 0, 1, 2, 3, 4, 5, 6

NO. S: j0,J1, J2, J3, J6, J33

d (mm): 6.35~35.89mm

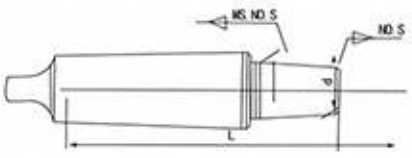
L (mm): 67~248mm

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MACHINE ACCESSORIES

MORSE TAPER DRILL CHUCK ARBORS WITH TANG





MS. NO. S: 0, 1, 2, 3, 4, 5, 6
NO. S: j0,J1, J2, J3, J5, J6, J33
d (mm): 6.350~35.890mm
L (mm): 75~246mm

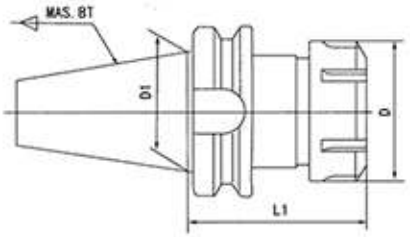
KEYLESS DRILL CHUCK AND DRILL CHUCK ARBORS SETS

Set	MT2 (6-pc)	MT3 (7-pc)	MT4 (8-pc)	ISO30 (4-pc)	ISO 40 (5-pc)
Reducing sleeve	MT2/MT1	MT3/MT2	MT4/MT3	ISO30/MT2	ISO 40/MT2
Reducing sleeve	-	MT3/MT1	MT4/MT2	ISO30/MT3	ISO 40/MT3
Reducing sleeve	-	-	MT4/MT1	-	ISO 40/MT4
Extension sleeve	MT2/MT3	MT3/MT4	MT4/MT5	-	-
Tool holder bit	MT2/B16	MT3/B18	MT4/B 18	ISO30/B18	ISO 40/B18
Tool holder bit	MT2/B18	MT3/B16	MT4/B 16	-	-
Keyless drill chuck			3-16mm/B18		
Keyless drill chuck	1-13mm/B16	1-13mm/B16	1-13mm/B16	-	-



BT MILLING CHUCK ARBORS

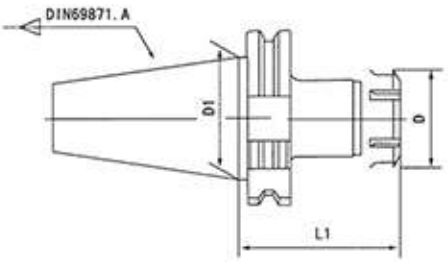




MAS. BT:30, 40, 45, 50
D:28, 35, 42, 50, 63, 78
D1:31.75, 44, 45, 57.15, 69.85
L1: 70, 80, 90, 100, 120, 135, 150, 165

DIN MILLING CHUCK ARBORS

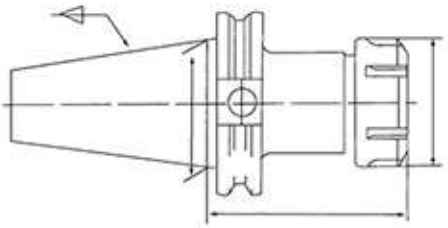




DIN69871.A: 30, 40, 50
D: 19, 28, 35, 42, 50, 63, 78, 85
D1: 31.75, 44, 45, 57.15, 69.85
L1: 63, 70, 80, 90, 100, 120

CT MILLING CHUCK ARBORS





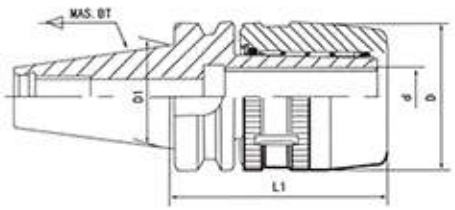
CT: 40, 50
D: 28,35, 42, 50, 63, 78
D1: 44, 45, 69.85
L1: 63, 70, 80, 90, 100, 120, 125, 135, 150, 165

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MACHINE ACCESSORIES

JM71 MILLING CHUCK ARBORS





MAS. BT: 40, 50
D: 50, 56, 63, 70, 90
D1: 44, 45, 69.85
L1: 86, 90, 100, 115, 120, 135, 150, 165
JM7112/16/20/25/32

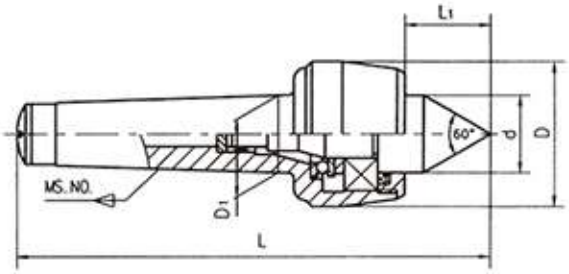




DIN69871.A: 40, 50
D: 50, 56, 63, 70, 90
D1: 44, 45, 69.85
L1: 90, 100, 105, 110, 120, 135, 150, 165
JM7112/16/20/25/32

PRECISION LIGHT-DUTY LIVE CENTER





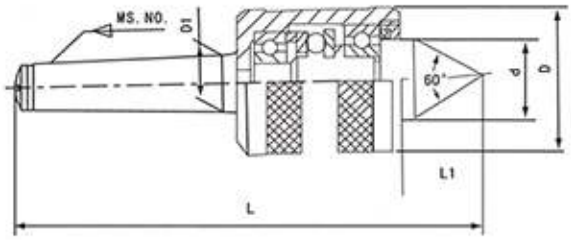
Model	MS. NO.	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max Radial load	Max speed	Accuracy (mm)
DM311	MS1	115	34	19.9	18	12.065	320	5000	0.005
DM312	MS2	130.6	45	29.6	25	17.780	400	5000	0.006
DM313	MS3	161.7	52	33.5	28	23.825	800	4500	0.006
DM314	MS4	195.7	60	40.5	32	31.267	1250	3500	0.006
DM315	MS5	245.5	80	51.8	45	44.399	1500	3000	0.006
DM316	MS6	357.5	130	82.3	75	63.348	1800	2500	0.006
DM317	MS7	437	130	88.3	75	83.061	2200	2000	0.006

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MACHINE ACCESSORIES

MEDIUM-DUTY LIVE CENTER

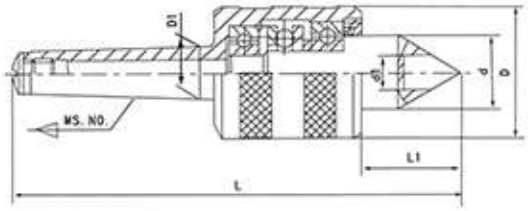




Model	MS. NO.	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max load	Max speed	accuracy
D411	MS1	115	34	20	18	12.065	900	5000	0.010
D412	MS2	145	45	26	25	17.780	1500	5000	0.010
D413	MS3	170	52	30	28	23.825	2000	4200	0.010
D414	MS4	205.7	60	34.7	32	31.267	3200	3200	0.010
D415	MS5	254	77	45	45	44.399	6300	2000	0.015
D416	MS6	362	125	68.5	75	63.348	10000	1600	0.015
D411L	MS1	125	34	30	18	12.065	900	5000	0.010
D412L	MS2	155	45	36	25	17.780	1500	5000	0.010
D413L	MS3	183	52	43	28	23.825	2000	4200	0.010
D414L	MS4	222	60	51	32	31.267	3200	3200	0.010
D415L	MS5	272	77	63	45	44.399	6300	2000	0.015
D416L	MS6	382	125		75	63.348	10000	1600	0.015

CARBIDE MEDIUM-DUTY LIVE CENTER



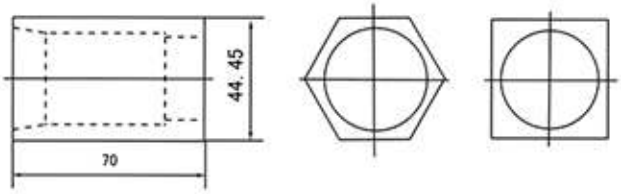


Model	MS. NO.	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	d1(mm)	Max load	Max speed	accuracy
D412A	MS2	145	45	26	25	17.780	17.780	1500	5000	0.010
D413A	MS3	170	52	30	28	23.825	23.825	2000	4200	0.010
D414A	MS4	205.7	60	34.7	32	31.267	31.267	3200	3200	0.010
D415A	MS5	254	77	45	45	44.399	44.399	6300	2000	0.015
D416A	MS6	362	125	68.5	75	63.348	63.348	10000	1600	0.015

comlete set in wooden case consists of one square block, one Hex block, one handle and one collect close

5C COLLECT BLOCK SET





Main technical parameter	Outer size (in)
Square for 5C collects	1-3/4x1-3/4x2-3/4
Hex for 5C collects	1-3/4x1-3/4x1-3/4x2-3/4
Quick acting lever collect closer	1-11/16x4
Weight(kg)	1.41kg
Weight (kg)	1.41kg

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MACHINE ACCESSORIES

QUICK CHANGE TOOL POSTS

40-POSITION TOOL POST

Model No	Series	Lathe swing (mm)
540-000	A0	120-220
540-100	A1	150-300
540-200	E5	200-400
540-300	B2	300-500
540-400	C3	400-700
540-500	D1	600-1000



TURNING & FACING HOLDER "D"

Model No	Series	h (mm)	L (mm)	Model No	Series	h (mm)	L (mm)
540-010	A0	12	50	540-313	B2	32	120
540-111	A1	16	75	540-314	B2	32	140
540-112	A1	16	80	540-411	C3	32	150
540-113	A1	16	90	540-412	C3	32	170
540-114	A1	20	75	540-413	C3	40	150
540-110	A1	20	80	540-414	C3	40	170
540-115	A1	20	90	540-415	C3	45	170
540-211	E5	20	100	540-511	D1	40	180
540-212	E5	25	100	540-512	D1	50	180
540-311	B2	25	120	540-513	D1	63	180
540-312	B2	25	140				



BORING BAR HOLDER "B"

Model No	Series	ΦD max(mm)	L (mm)	Model No	Series	ΦD max(mm)	L (mm)
540-020	A0	12	50	540-320	B2	32	130
540-121	A1	16	80	540-421	C3	32	160
540-120	A1	18	80	540-422	C3	40	160
540-122	A1	20	90	540-520	D1	50	180
540-220	E5	30	100	540-521	D1	63	180



DRILLING & BORING BAR HOLDER "S"

Model No	Series	ΦD (mm)	L (mm)	Model No	Series	ΦD (mm)	L (mm)
540-030	A0	15	50	540-330	B2	40	120
540-130	A1	30	80	540-431	C3	40	150
540-131	A1	20	90	540-432	C3	50	150
540-231	E5	30	100	540-530	D1	63	180
540-232	E5	40	100		D1		



CUT-OFF TOOL HOLDER "A"

Model No	Series	Blade(mm)	L (mm)	Model No	Series	Blade(mm)	L (mm)
540-040	A0	2.7x10	50	540-340	B2	4x16	120
540-140	A1	2.7x10	75	540-440	C3	5x18.5	150
540-240	E5	2.7x10	100				



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MACHINE ACCESSORIES

QUICK CHANGE TOOL POSTS

M.T. BUSHING "L"

Model	Series	ΦD (mm)	L (mm)	MK	Model No	Series	ΦD (mm)	L (mm)	MK
540-151	A1	30	80	1	540-352	B2	40	140	4
540-152	A1	30	90	2	540-451	C3	40	140	3
540-251	E5	30	96	2	540-452	C3	40	150	4
540-252	E5	40	114	3	540-453	C3	50	150	4
540-351	B2	40	120	3	540-550	D1	63	185	5



40 POSITION TOOL POST AND HOLDER

Model No	Each set includes
TOOA0	1 pcs tool post 540-000(A0)、3 pcs 540-010(A0D12x50) and 1 pcs 540-020(A0B12x50)
TOOA1	1 pcs tool post 540-100(A1)、3 pcs 540-115(A1D20x90) and 1 pcs 540-122(A1B20x90)
TOOE5	1 pcs tool post 540-200(A2)、3 pcs 540-211(E5D20x100) and 1 pcs 540-220(E5B30x100)
TOOB2	1 pcs tool post 540-300(B2)、3 pcs 540-311(B2D25x120) and 1 pcs 540-320(B2B32x130)
TOOC3	1 pcs tool post 540-400(C3)、3 pcs 540-411(C3D32x150) and 1 pcs 540-422(C3B40x160)
TOOD1	1 pcs tool post 540-500(D1)、3 pcs 540-511(D1D40x180) and 1 pcs 540-520(D1B50x180)



PISTON QUICK CHANGE TOOL POST

Model No	Lathe swing (in)	Model No	Lathe swing (in)
250-100	12	250-300	13-18
250-200	10-15	250-400	14-20



WEDGE QUICK CHANGE TOOL POST

Model No	Lathe swing (in)	Model No	Lathe swing (in)
250-111	12	250-444	14-20
250-222	10-15	250-555	17-48
250-333	13-18		



01# TURNING AND FACING HOLDER

Model No	Tool bit (in)	Model No	Tool bit (in)
250-101	3/16-1/2	250-401	1/2-1
250-201	1/4-5/8	250-501	3/4-1-1/4
250-301	1/2-3/4		



02# BORING, TURNING AND FACING HOLDER

Model No	MaxHolding dia. (in)	Tool bit (in)
250-102	7/16	3/16-1/2
250-202	1/2	1/4-5/8
250-302	5/8	1/2-3/4
250-402	3/4	1/2-1
250-502	1-1/8	3/4-1-1/4



04# HEAVY DUTY BORING BAR HOLDER

Model No	Holding dia.(in)	Model No	Holding dia.(in)
250-104	5/8	250-404	1
250-204	3/4	250-504	1-1/4
250-304	3/4		



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MACHINE ACCESSORIES

41# HEAVY DUTY BORING BAR HOLDER

Model No	Holding dia.(in)	Model No	Holding dia.(in)
250-141 250-241	3/4	250-341	1
	1	250-441	1-1/4
250-541	2		



5# MORSE TAPER HOLDER FOR DRILLING

Model No	MT.Hole	Model No	MT.Hole
250-105	2#	250-305	3#
250-205	2#	250-405	3#

53# MORSE TAPER HOLDER FOR DRILLING

Model No	MT.Hole	Model No	MT.Hole
250-153	3#	250-353	4#
250-253	3#	250-453	4#

7# UNIVERSAL PARTING BLADE TOOL HOLDER

Model No	Blade Height (in)	Model No	Blade Height (in)
250-107	1/2	250-407	1/2
250-207	11/16	250-507	11/16
250-307	3/4		



10# KNURLING, TURNING & FACING HOLDER

Model No	Tool bit (in)	Model No	Tool bit (in)
250-110	3/16-1/2	250-410	1/2-1
250-210	1/4-5/8	250-510	1/2-1/4
250-310	1/2-3/4		



PISTON TYPE TOOL POST SETS(6-PIECE SETS)

Model No	Lathe Swing (in)	Each set includes
251-100	12	Each 1 pc of 250-100、250-101、250-102、250-104、250-107、250-110
251-200	10-15	Each 1 pc of 250-200、250-201、250-202、250-204、250-207、250-210
251-300	13-18	Each 1 pc of 250-300、250-301、250-302、250-304、250-307、250-310
252-400	14-20	Each 1 pc of 250-400、250-401、250-402、250-404、250-407、250-410



WEDGE TYPE TOOL POST SETS (6-PIECE SETS)

Model No	Lathe Swing (in)	Each set includes
251-111	12	Each 1 pc of 250-111、250-101、250-102、250-104、250-107、250-110
251-222	10-15	Each 1 pc of 250-222、250-201、250-202、250-204、250-207、250-210
251-333	13-18	Each 1 pc of 250-333、250-301、250-302、250-304、250-307、250-310
251-444	14-20	Each 1 pc of 250-444、250-401、250-402、250-404、250-407、250-410
251-555	17-48	Each 1 pc of 250-555、250-501、250-502、250-504、250-507、250-510



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MACHINE ACCESSORIES

QUICK CHANGE TOOL POST

Model No	Centre height (mm)	Model No	Centre height (mm)
501-M	120	501-BR-BP	200
501-AR-AP	140	501-B	230
501-A	170	501-C	280



TURNING HOLDER

Model No	Max square and Retangular tools (mm)	Model No	Max square and Retangular tools (mm)
502-M	16	502-BR-BP	25
502-AR-AP	16	502-B	32
502-A	20	502-C	32



BORING HOLDER

Model No	Max Holding Dia (mm)	Model No	Max Holding Dia (mm)
503-M	14	503-BR-BP	20
503-AR-AP	16	503-B	24
503-A	18	503-C	26



MORSE HOLDER

Model No	Taper hole	Model No	Taper hole
504-M	1 MT	504-BR-BP	3 MT
504-AR-AP	1 MT	504-B	3 MT
504-A	2 MT	504-C	4 MT



5- PIECE SETS

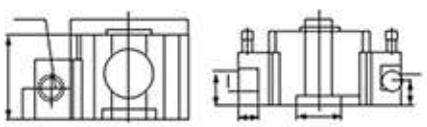
Model No	EACH SET INCLUDES
M	1 PCS 501-M、3PCS 502-M AND 1 PCS 503-M
AR-AP	1 PCS 501-AR-AP、3PCS 502-AR-AP AND 1 PCS 503-AR-AP
A	1 PCS 501-A、3PCS 502-A AND 1 PCS 503-A
BR-BP	1 PCS 501-BR-BP、3PCS 502-BR-BP AND 1 PCS 503-BR-BP
B	1 PCS 501-B、3PCS 502-B AND 1 PCS 503-B
C	1 PCS 501-C、3PCS 502-C AND 1 PCS 503-C



QUICK CHANGE TOOL POST (UK STYLE)

Model No.	S.0	S.1	S.1X	S2	S.2.T	S.3	S.3.X	S.4
Lathe Capacity (mm)	Up-114	114-127	114-127	127-203	127-203	203-292	203-292	292-381
A(mm)	51	63.5	73	71.5	76	95.1	114	120.5
B(mm)	10	6.5	6.5	8	8	9.5	9.5	12.7
C(mm)	19.05	19.05	19.05	25.4	25.4	25.4	25.4	38.1
D(mm)	22.22	31.75	31.75	44.45	44.45	50.8	50.8	63.5
E(mm)	12.7	19.05	19.05	19.05	25.4	31.75	31.75	38.1
F(mm)	12.7	12.7	12.7	19.05	25.4	22.22	22.22	31.75
G max (mm)	36.5	46	57	54	58.7	73	90.5	101.6
G min (mm)	20.6	30	35	36.5	39.7	50.8	68.3	66.7
Φ(mm)	15.875	15.875	15.875	19.05	19.05	25.4	25.4	25.4
H max (mm)	32	44.5	54	46	42.9	50.8	71.5	74.6
H min (mm)	16	25.4	31.8	28.6	23.8	28.6	47.6	39.7
Morse No.	1	1	1&2	2	2&3	3	3&4	/
K max (mm)	28.5	41.3	50.8	47.6	47.6	58.7	76.2	/
K min (mm)	16	22.2	28.6	30.2	27	36.5	54	/
L (mm)	73	73	73	97.3	106.5	125.5	125.5	149





Supplied complete with 4 standard, 1 Vee, 1 Morse taper toolholders, Key Wrench and Washer (Except S.O.2 Standard toolholders only. S.4.4 Standard, 1 Vee toolholders only)

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MACHINE ACCESSORIES

COMPOUND SLIDING TABLE

Code	Measurement (mm)	Table size (mm)	Base size	Travel (mm)
1	645x450x150	460x180	340x210	240x170
2	860x520x170	590x150	360x280	280x230
3	1050x535x180	730x120	360x280	500x210
4	970x610x300	760x250	450x370	500x250





ZX7020



ZX7025

Model	ZX7020	ZX7025	ZX7025A
Dimension of worktable (mm)	495x165	555x195	640x205
Longitudinal travel of worktable (mm)	210	240	370
Transverse travel of worktable (mm)	100	140	150
Dimension of base (mm)	260x280	335x315	238x320
Distance of mounting boles/slots (mm)	180x140	260x170	288
Size of mounting boles/slots (mm)	4-φ13 (hole)	4-φ13 (hole)	2-12 (slot)
G.W./N.W. (kg)	40/36	50/45	65/60
Packing dimension (cm)	69x44x20	76x53x20	95x50x25



ZX7025A



AKP-204,AKP-205



AKP-302,AKP305 with swivel base

Model	Table size	Base size	Travel	Packing size	N.W./G.W.
AKP-201	185x100mm	170x130mm	80x50mm	300x290x180mm	10/11kg
AKP-202	225x175mm	225x175mm	105x90mm	350x340x180mm	16/17kg
AKP-203	330x220mm	275x220mm	190x100mm	490x390x190mm	23/26kg
AKP-204	425x240mm	335x276mm	225x150mm	600x440x180mm	41/45kg
AKP-205	600x240mm	335x276mm	400x150mm	770x440x180mm	51/56kg

AKP-302,AKP-303,AKP-304,AKP-305 are with swivel base.

HALOGEN WORK LAMP(24V, 50W)/LED WORK LAMP



J38-A



JC38-B



LED



JC38-C



JC34

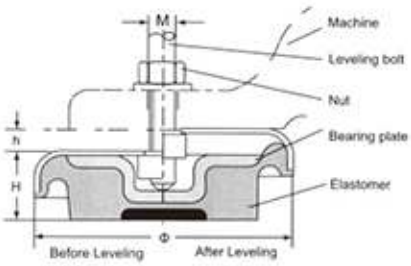
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MACHINE ACCESSORIES

SHOCK PROOF MACHINE MOUNTS

Part No	Rubber hardness Index	Dimensions (mm)		Bolt	Adjust heigh (mm)	Static load Per mount
Φ-H-Sh	Shore(A) ± 3	Φ	H	M	th	Fmax(N)
S78 040-15-50	50	40	15	M5x30	5	250
S78 080-25-50	50	80	25	M10x80	8	1000
080-25-60	60					1700
080-25-70	70					2500
S78 120-32-50	50	120	32	M12x100	12	4000
120-32-60	60					5500
120-32-70	70					8500
120-32-80	80					12000
S78 160-35-50	50	160	35	M16x120 (M20)	12	10000
160-35-60	60					19000
160-35-70	70					24000
160-35-80	80					35000
S78 185-39-60	60	185	39	M20x60 (M16)	12	22000
185-39-70	70					31000
185-39-80	80					42000

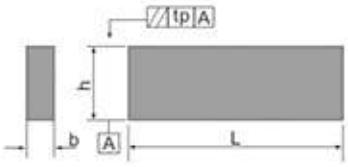




PRECISION PARALLEL SETS

Model No.	Pairs	Length (mm)	h × b(mm)	Parallelism (h)(mm)
880-01	12	120	14x10, 16x10, 18x10, 20x10, 22x10, 24x10, 26x10, 28x10, 30x10, 32x10, 35x10, 40x10	0.005
880-02-01	14	150	14x10, 16x10, 18x10, 20x10, 22x10, 24x10, 26x10, 28x10, 30x10, 32x10, 35x10, 40x10, 45x10, 50x10	0.005
880-02-02	14	150	14x10, 16x10, 18x10, 20x10, 22x10, 24x10, 26x10, 28x10, 30x10, 32x10, 35x10, 40x10, 45x10, 50x10	0.004
880-03	9	150	14x8.5, 16x8.5, 20x8.5, 24x8.5, 30x8.5, 32x8.5, 36x8.5, 40x8.5, 44x8.5	0.005





Model No.	Pairs	Length (mm)	h × b(mm)	Parallelism (h)(mm)
880-11	20	100	5x2, 10x2, 15x2, 20x2, 6x3, 11x3, 16x3, 21x3, 7x4, 12x4, 17x4, 22x4, 8x5, 13x5	0.005
880-12	24	125	11x8, 16x8, 18x5, 23x5, 9x6, 14x6, 19x6, 24x6, 21x8, 26x8, 31x8, 36x8, 13x10, 18x10, 23x10, 28x10, 33x10, 38x10, 15x12, 20x12, 25x12, 30x12, 35x12, 40x12, 17x14, 22x14, 27x14, 32x14, 37x14, 42x14	0.005
880-13	24	150	11x8, 16x8, 21x8, 26x8, 31x8, 36x8, 13x10, 18x10, 23x10, 28x10, 33x10, 38x10, 15x12, 20x12, 25x12, 30x12, 35x12, 40x12, 17x14, 22x14, 27x14, 32x14, 37x14, 42x14	0.005



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MACHINE ACCESSORIES

DIN6346PRECISION PARALLEL SETS

Model No.	Pairs	Length (mm)	hxb(mm)	Accuracy
880-010	9	63	8x2.5, 10x3.2, 12x4, 16x5, 20x6.3	IT5
		100	12x4, 16x5, 20x6.3, 25x8	
880-020	5	100	12x4, 16x5, 20x6.3, 25x8, 32x10	IT5
880-030	7	100	12x4, 16x5, 20x6.3, 25x8	IT5
		160	25x8, 32x10, 40x12	
880-040	4	160	25x8, 32x10, 40x12, 50x16	IT5
880-050	5	100	25x8, 32x10, 40x12	IT5
		160	50x16, 63x20	
880-060	3	250	63x20, 80x25, 100x32	IT5



MEDIUM PRECISION PARALLEL SETS

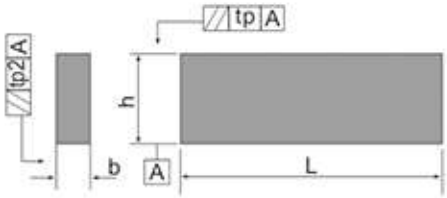
Model No.	Pairs	Lxb(mm)	H(mm)
880-03-01	9	150x8.5	14-16-20-24-30-32-36-40-44
880-02-01	14	150x10	14-16-18-20-22-24-26-28-30-32-35-40-45-50
880-02-02	14	150x5	14-16-18-20-22-24-26-28-30-32-35-40-45-50
880-05	8	120x8	12-17-22-25-28-32-36-38
880-06	9	100x4	10-14-18-22-26-30-34-38-42
880-07	9	160x4	10-14-18-22-26-30-34-38-42
880-08	8	160x8	12-17-22-25-28-32-36-38
880-09	9	200x8	17-22-26-28-32-36-38-42
880-10	12	120x10	14-16-18-20-22-24-26-28-30-32-35-40
880-11	10	150x10	14-16-18-20-22-24-26-28-30-32
Parallel: ± 0.005mm,Tolerance: ± 0.02mm			



PRECISION PARALLEL

Model No.	h(mm)	b(mm)	l(mm)	Parallel tolerance (tp1)	Parallel tolerance (tp1)
881-010	8	2.5	63	0.006	0.004
881-020	10	3.2	63	0.006	0.005
881-030	12	4	63	0.008	0.005
881-040	16	5	63	0.008	0.005
881-050	20	6.3	63	0.009	0.006
881-060	12	4	100	0.008	0.005
881-070	16	5	100	0.008	0.005
881-080	20	6.3	100	0.009	0.006
881-090	25	8	100	0.009	0.006
881-100	32	10	100	0.011	0.006
881-110	40	12	100	0.011	0.008
881-120	25	8	160	0.009	0.006
881-130	32	10	160	0.011	0.006
881-140	40	12	160	0.011	0.008
881-150	50	16	160	0.011	0.008
(881-160)	63	20	160	0.013	0.009





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MACHINE ACCESSORIES

LARGE-SIZE PRECISION PARALLEL

Model No.	h(mm)	b(mm)	l(mm)	Parallel tolerance (tp1)	Parallel tolerance (tp2)
881-200	75	75	150	0.006	0.006
881-201	100	75	150	0.006	0.006



881 Series features:

1. Matched pais. Hight precision made of high grade steel alloy
2. Hardness: HRC58-62

MEDIUM PRECISION PARALLEL SETS

20 PAIR SET	24 PAIR SET
Accuracy: ±0.01mm	Accuracy: ±0.01mm
Set includes one each of (thickness x height): 2x(5,15,20)mm 3x(6,11,16,21)mm 4x(7,12,17,22)mm 5x(8,13,18,23)mm 6x(9,14,19,24)mm	Set includes one each of (thickness x height): 8x(11,16,21,26,31,36)mm step by 5mm 10x(13,18,23,28,33,38)mm step by 5mm 12x(15,20,25,30,35,40)mm step by 5mm 14x(17,22,27,32,37,42)mm step by 5mm
Length:100mm(model no.:M880-12)	Length:125mm(model no.:M880-13) 150mm(model no.:M880-14)
Note: 1. Individual pair can be supplied for medium precision parallels. 2. Semi-finished parallels can be supplied in accordance with customer's special request.	





FACING & BORING HEAD

Item No. \ Model No	F212A(Z11150)	F213A	F214A
Max. facing and boring dia (mm)	150	350	450
Dia. of tool post holes in slide (mm)	18	22	22
Fine feed per graduation (mm)	0.005	0.005	0.005
Weight of head without shank (kg)	2.9	6.1	7.8
Max. strokeof slide (mm)	±15	±25	±50
Self-acting feed per revolution (mm)	0.02 0.04 0.06 0.08 0.10 0.12	0.03 0.06 0.09 0.12 0.15 0.18	
Max. dia. of slide (mm)	90	120	168
Height of head without shank	87.5	118	
The length of sliding block (mm)	75	105	160
The width of sliding block (mm)	70	95	90
Type of taper shank	R8,MT3-MT6,MW3-MW6, ISO30,40,45,50,etc.		





ADJUSTING SWIVEL TABLE

Dimension	AST180	AST250	AST380
(LxWxH) mm	178x127x95	254x178x127	381x254x165



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MACHINE ACCESSORIES

MAGNETIC BASE COOLANT HOSE SYSTEM

Hose: 1,2,3
Length: 350mm, 380mm
Work magnetic force: 60kg/80kg



MHC155

GRINDER STAND

Standard
Deluxe heavy-duty
Height: 780mm 800mm
Weight: 174kgs 221kgs







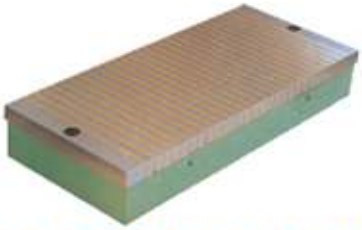
PERMANENT MAGNETIC CHUCKS



DENSE PERMANENT MAGNETIC CHUCKS



POWERFULL DENSE PERMANENT MAGNETIC CHUCKS



ELECTRO-MAGNETIC CHUCKS



ECONOMY DEMAGNETIZER



STANDARD DEMAGNETIZER

HORIZONTAL/VERTICAL CNC TOOL TIGHTENING FIXTURES

Model No.	Taper	LxWxH (mm)	Weight (kgs)
ETTF-30V	BT30	210x110x139	6.9
ETTF-40V	BT40	210x110x139	6.9
ETTF-50V	BT50	280x150x196	15.3
ETTF-30CAT	CAT30	210x110x139	6.9
ETTF-40CAT	CAT40	210x110x139	6.9
ETTF-50CAT	CAT50	280x150x196	15.3



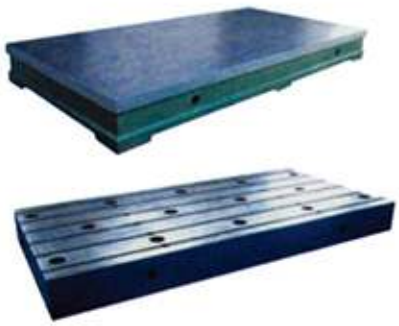


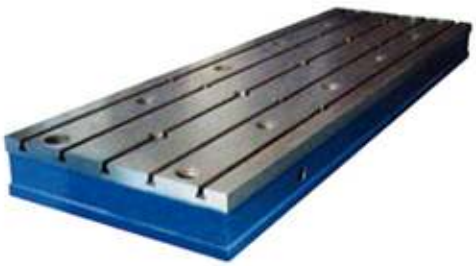
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MACHINE ACCESSORIES

SURFACE PLATE

Made according to Standard JB/T7974-99, rib type or case type, rectangle/square/round working surface, material: Ht220, Working surface made by skiving, groove V/t/U shape and hole of long-round shape can be made al the surface of the plate. The surface plate is plane standard equipment used for testing and drawing of work pieces on it. The surface plate shall be adjusted to horizontal position and loaded evenly on each pivot Environmental temperature 20±5C, and vibration shall be avoided when using.





Type(mm)	Precision Grade(μm)					Type(mm)	Precision Grade(μm)				
	Grade0	Grade1	Grade2	Grade3	Grade4		Grade0	Grade1	Grade2	Grade3	Grade4
100x100	4	8	16			2500x2500			72	180	270
200x100	5	10	20			3000x1000				168	248
200x200	5	10	20			3000x1500				174	154
300x200	6	12	24			3000x2000				184	275
300x300	6	12	24			3000x2500				186	276
400x300	6	12	24			3000x3000				210	300
400x400	6	12	24			4000x1000				210	300
500x300	6	12	24			4000x1500				210	300
500x500	7	14	28			4000x2000				219	310
600x400	7	14	28			4000x2500				228	340
600x500	7	14	28			4000x3000				240	360
800x500	8	16	32	80		5000x1500				249	370
800x600	8	16	32	80		5000x2000				255	375
900x600	8	16	32	80		5000x2500				264	390
1000x750	9	18	36	90		5000x3000				287	420
1000x1000	10	20	39	96		6000x1500				287	420
1200x1000		20	39	96		6000x2000				293	430
1500x1000		24	48	120		6000x2500				300	450
1500x1500		25	50	125		6000x3000				308	460
2000x1000		26	52	129		8000x1500				366	500
2000x1500			56	140		8000x2000				370	520
2000x2000			60	152	230	8000x2500				375	530
2500x1500			64	152	230	8000x3000				382	570
2500x2000			68	168	248						

MACHINE ACCESSORIES

STRAIGHT EDGE

Made according to Standard JB/T977-99, material HT250,working surface made by skiving or precise rubbing, Used to test the straightness and flatness of work piece and equipment installing. Working environment temperature 205.



	Straightness & flatness of working surface			Parallelism between working surfaces		
Type(mm)	Precision grade(μm)					
	0	1	2	0	1	2
500x35	3	6	12	4.54	9	18
750x40	4	8	15	6	12	25
1000x50	5	10	20	7.5	15	30
1250x50		12	24		18	36
1600x70		15	30		20	40
2000x80		18	36		27	54
2500x80			44			65
3000x100			52			78
3500x100			60			90
4000x100			68			100

V SLOT 90 DEGREE

V slot type I is made of high tool steel, V slots of II, type are made of HT200, Normally, V slots I, II type are supplied in pairs, It's used in testing, line drawing and position setting of precision axles and mounting in mechanical machining.





Type(mm)		Flatness of working surface			Parallelism between V slot and side surface			Parallelism between V slot and side surface			Symmetry between V slot & end surface			Perpendicularity between V slot & end surface		
		Precision grade(μm)														
		0	1	2	0	1	2	0	1	2	0	1	2	0	1	2
I Type	35x35x30	1	2	3	2.5	5	10	2.5	5	10	5	10	20	5	5	10
	60x60x50	1	2	3	2.5	5	10	2.5	5	10	5	10	20	5	5	10
	105x105x80	1.5	3	5	4	8	15	4	8	15	8	16	30	8	8	15
	150x150x100	1.5	3	5	4	8	15	4	8	15	8	16	30	8	8	15
II Type	100x100x100					10	20		10	20		20	40			
	150x150x80					15	25		15	25		30	50			
	200x200x100					15	25		15	25		30	50			
	300x300x120					20	30		20	30		40	60			

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MACHINE ACCESSORIES

GRANITE INSPECTIN SURFACE PLATE

Physical characteristic

specific gravity: 2970-3070kg/m^3

bearing strength: 245-254N/mm^2

modulus of elasticity: 1.27-1.47N/mm^2

linear dilatability index: 4.61x10^{-6}/℃

Shore hardness: more than Hs70

water absorption: < 0.13%



Specification (LxWxH)(mm)	Weight (kg)	Precision grade(μm)			
		Grade 000	Grade 00	Grade 00	Grade 1
300x300x50	19	1.5	3	6	12
400x300x70	25	1.5	3	6	12
400x400x70	48	2	3.5	6.5	13
630x400x100	76	2	3.5	7	14
630x630x100	155	2	4	8	16
800x500x130	156	2	4	8	16
1000x630x130	284	2.5	4.5	9	18
1000x750x150	338	2.5	5	9	18
1000x1000x150	450	2.5	5	10	20
1600x1000x200	963	3	6	12	24
2000x1000x200	1200	3.5	6.5	13	26
1600x1600x300	2312	3.5	6.5	13	26
2000x1600x300	2890	3.5	7	14	28
2500x1600x300	3612	4	8	16	32
3000x2000x500	9030	4.5	9	18	36
4000x2000x500	12040	5.5	11	22	44
6000x2000x700	25284	7.5	15	30	60

GRANITE SQUARE

Type(mm)	Squareness between measuring surface and datum surface		Flatness & straightness of measuring surface		Flatness & straightness of datum surface	
	Precision grade(μm)					
	00	0	00	0	00	0
100x63	2	4	1	1	1	1
160x100	2	4	1	2	1	1
250x160	2.5	5	1	2	1	2
400x250	3.5	7	1	2.5	1	2
630x400	4.5	9	1.5	3	1	2.5
800x500	5	10	2	4	1.2	3
1000x630	6	12	2.5	5	1.5	3



GRANITE SQUARE RULER

Type(mm)	Squareness between adjacent measuring surfaces		Straightness of measuring surface		Parallelism between opposite measuring surface	
	Precision grade(μm)					
	00	0	00	0	00	0
160x160	2	4	0.8	1.7	2	4
200x200	2	4	0.9	1.8	2	4
250x250	2.2	4.5	1	2	2.2	4.5
300x300	2.6	5.2	1.1	2.3	2.6	5.5
400x400	3	6	1.3	2.6	3	6
500x500	3.5	7	1.5	3	3.5	7



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MACHINE ACCESSORIES

GRANITE V BLOCK



Type (mm)	Flatness of working surface		Parallelism between V slot and bottom		Parallelism between V slot and side surface		Symmetry between V slot & end surface		Squareness between V slot & end surface		Squareness between V side & bottom surface		Height difference of the V slot with a matched	
	Precision grade(μm)													
	0	1	0	1	0	1	0	1	0	1	0	1	0	1
63x63x90	1.5	3	4	8	4	8	8	16	8	8	4	8	5	10
100x100x90	2	4	4	8	4	8	8	16	8	8	4	8	5	10
160x160x90	2.5	5	5	10	5	10	10	20	10	10	5	10	6	12

GRANITE STRAIGHT EDGE



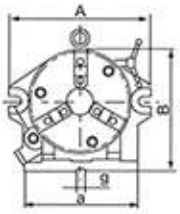
Type(mm)	Straightness & flatness of working surface		Parallelism between working surface	
	Precision grade(μm)			
	00	0	00	0
500x100x40	1.6	2.6	2.4	3.9
750x100x40	2.1	3.5	3.2	5.3
1000x120x40	3.0	5.0	4.5	7.5
1500x150x60	4.4	7.4	6.6	11.1
2000x200x80	5.4	10	8.1	13.5
3000x200x80	8	16	12	24

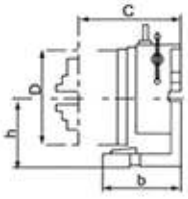
HORIZONTAL/VERTICAL BASIC INDEXING SPACERS

Unit:mm

Model NO.	Chuck				Guide block	Turret Hole Dia.	A	B	C	D	a	b	h	Gross Weight Kg
	Outer hole Dia.	Thru hole Dia.	Inner Jaw	Outer Jaw										
ECC-6	160	40	3-55	55-145	16	50	255	225	152	160	190	115	130	32
ECC-8	200	65	4-85	65-200	16	63	320	272	174	200	230	154	154	52







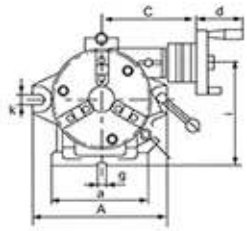
ORIZONTAL/VERTICAL SUPER INDEXDING SPACERS

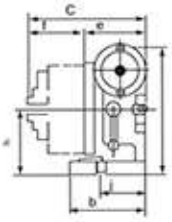
Unit:mm

Model No.	Chuck (mm)				Face plate (mm)	
	Outer Dia.	Thru Hole Dia.	Inner Jaw	Outer Jaw	Outer Dia.	Thickness
ECS-6	160	40	3-55	55-145	205	40
ECS-8	200	65	4-85	65-200	254	42

Modes No.	Guide Block	Turret Hole Dia.	A	B	C	a	b	c	d	e	f	g	h	i	j	k	Gross Weight kgs
ECS-6	16	50	250	238	207	182	140	186	93	112	65	16	122	191	80	16	48
ECS-8	16	63	320	294		230	160	213	93		75	16	155		95	20	74







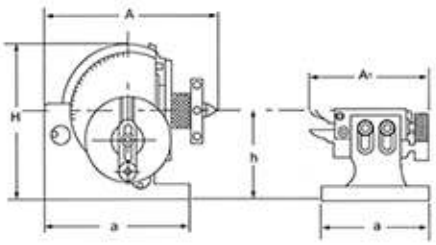
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MACHINE ACCESSORIES

SEMI-UNIVERSAL DIVIDING HEADS







No.0 No. 1 Head-stock

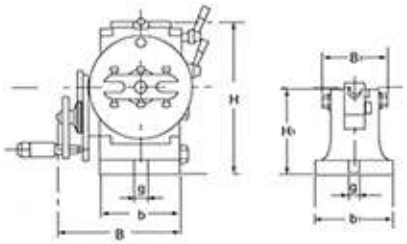
Unit: mm

Model No.	A	B	H	h	a	b	g	Taper of center	Diameter of Spindle hole
BS-0	193	131	173	100	166	90	16	MT2	18
BS-1	242	168	220	128	206	113	16	MT3	20

No.0 No.1 Tail-stock

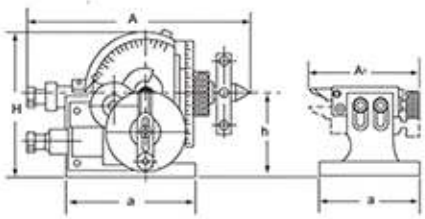
Unit: mm

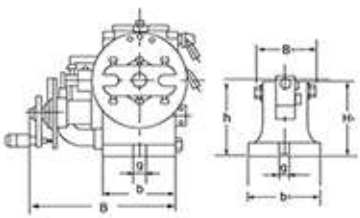
Model No	A_1	B_1	H_1	h	a_1	b_1	g_1
BS-0	175	87	102	100	130	92	16
BS-1	183	87	137	128	158	110	16



UNIVERSAL DIVIDING HEAD







No.0 No. 2 Head-stock

Model No.	A	B	H	h	a	b	g	Taper of center	Diameter of Spindle hole
BS-2	370	280	236	133	212	134	16	MT4	25.4

No.0 No.2 Tail-stock

Model	A_1	B_1	H_1	h	a_1	b_1	g_1
BS-2	183	87	156	133	175	122	16

Model No	Gross weight (kg)	Meas. CFT	Applicable chuck
BS-0	21	0.8	1" or 5"
BS-1	30	1.3	5" or 6"
BS-2	73	35	6",7"or8"

Accuracy	Maximum variation
Center concentricity	0.015m/m
Inside taper concentricity of dividing spindle	
(1) Measured at spindle nose	(1) 0.01m/m
(2) Measured at arbor(8"long)	(2) 0.03m/m
Axial movement of dividing spindle	0.01m/m
Alignment of dividing head and tailstock	
(1) Vertical plane	0.02m/m
(2) Horizontal plane	0.02m/m
DIVIDING ACCURACY OF WORM DRIVE	
Maximum cumulative spacing error	1'30"













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MACHINE ACCESSORIES

VERNIER CALIPER, DIAL CALIPER, DIGITAL CALIPER

RPCKWELL TYPE HARDNESS TESTER WITH AUTOMATIC DIAL WEIGHT SELECTION

Specifications

Model No.	EHT-CE3R
Maximum load	150kgf
Load range	60,100,150kgf
Initial range load	10kgf
Maximum test height	108mm
Depth of throat	135mm
Maximum depth of spindle below base	50mm
Size of base	180x465mm
Machine height	630mm
Weight (approx)	65kgs





HORIZONTAL/VERTICAL PRECISION ROTARY TABLES

Model No.	Table		Base dimension	
	Out diameter	Height	A	B
	D (mm)	H (mm)	mm	mm
ERT-HV6	150	83	200	160
ERT-HV8	200	105	265	220
ERT-HV10	250	115	325	280
ERT-HV12	300	132	391	330
ERT-HV14	350	138	450	390
ERT-HV16	406	155	500	430



HORIZONTAL PRECISION ROTARY TABLES

Model No.	Table		Base dimension	
	Out diameter	Height	A	B
	D (mm)	H (mm)	mm	mm
ERT-6	150	78	210	184
ERT-8	200	105	280	250
ERT-10	250	115	340	300
ERT-12	300	135	400	364
ERT-14	350	140	460	420

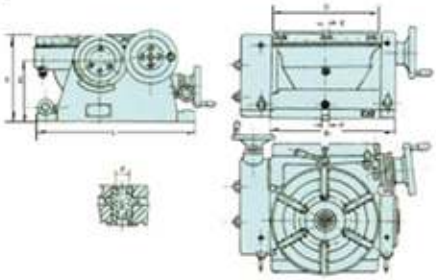


TSK TYPE TILTING ROTARY TABLE

Type	D mm	H mm	H1 mm	B mm	L mm	F mm	E mm	d mm	MT	Ratio	Net weight kg
TSK250	250	205	140	260	310	14	12	30	No.3	1:90	78
TSK320	320	255	175	332	380	18	14	40	No.4	1:90	133







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MACHINE ACCESSORIES

DIGITAL READOUT

SDS6-2V DIGITAL READOUT

The SDS6-2V is a Multifunctional 2 axis digital readout. It can adapt the different needs of machining by modifying the system parameters. It has many graphics machining functions, such as: Arc Calculation function, circular equally dividing holes, drilling hole along an oblique line, Angular Surface Processing, Calculation function, Measurement for Taper Function, Digital Filter Function. These functions bring the easiness for the graphics function.

Key basic functions are listed as follows:

- function of 200 Point Subsidiary Zero Positions
- Calculator Function
- Power Interruption Memory
- Segmented & line error compensation
- Finding the center position function
- The mm System/inch System Conversion Display function



Key machining functions are listed as follows:

- PCD Circle Equally Dividing Holes
- Hole Drilling Along An Oblique Line
- The Progressive Progressing of rectangular Inner chamber
- Digital Filter Function
- Angular Surface Processing
- Arc Calculation function
- N3 Function
- 200 Tool Storeroom
- The Function Of Measure For Taper

Note: for the detail refer the specification

SDS6-3V DIGITAL READOUT

Features:

The SDS6-3V is a Multifunctional 3 axis digital readout. It can adapt the different needs of machining by modifying the system parameters. It has many graphics machining functions, such as: Arc Calculation function, circular equally dividing holes, drilling hole along an oblique line, Angular Surface Processing, Calculation function, Measurement for Taper Function, Digital Filter Function. These functions bring the easiness for the graphics function.

Key basic functions are listed as follows:

- function of 200 Point Subsidiary Zero Positions
- Calculator Function
- Power Interruption Memory
- Segmented & line error compensation
- Finding the center position function
- The mm System/inch System Conversion Display function

Key machining functions are listed as follows:

- PCD Circle Equally Dividing Holes
- Hole Drilling Along An Oblique Line
- Tool Diameter Compensation
- Angular Surface Processing
- Arc Calculation function
- 200 Tool Storeroom
- The Function Of Measure For Taper
- (EDM)Matching Output Function

Note: for the detail refer the specification

Note: for the detail refer the specification



SDS6-3VE DIGITAL READOUT

(A universal model for spark [EDM] machine tools)

- Metric system / British system conversion
- Mid-spliting function
- PCD hole positioning on circumference
- 200 groups zero position memory
- Up to target values control
- Power down memor
- Control mode setting function
- Restoring height setting function
- Zero position automatic digital follow-up Resolution: 0.005mm, 0.001mm

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MACHINE ACCESSORIES

LINEAR SCALES

Measure length Only for one per 50mm	70-1020	70-470	1000-3000
Cross section size(mm)	25x34	18x20	30x43
Accuracy	± 3/ ± 5/ ± 10μm(20℃/68°F)		
Max traversing speed	1m/s		
Repeatability	± 1 counting impulse		
Protection	IP55		
Resolution	0.5/1/5		
Output	TTL		



KA300: Standard Linear Scales

KA500: Ultra Small Linear Scales

KA600: Large Linear Scales

LCD Readout (4 Axis)

Feature

Adopt all metal high strength shell, independent waterproof wear-resisting plastic key

7 "LCD industrial grade liquid crystal Display, true color 800*480 high Resolution

Multi-Language Display(English, Germany, Spain, etc.)

4 Axis, Any Axis can be connected with rotary Encoder

Constant Linear Speed Cutting

Basic Function

One Key reset

Metric / Inch Conversion

Linear / nonlinear error Compensation

Finding the center position function

Absolute / relative coordinate conversion

Half / diameter conversion

Shock Filtration

200 sets of auxiliary zero Function

Special Function

Diagonal hole

Circular hole

Inclined plane Machining

Arc Machining

Taper Measurement (Lathe)

Tool Library Memory (Lathe)



Optional: Constant Cutting Speed



POWER FEED

Model	R.P.M	Max.R.P.M	Max.Torque	Voltage
AL-510S(X.Y.Z) POWER FEED	0~200	200	650in-lb	110V 50/60Hz 220V 50/60Hz
AL-410S(X.Y.Z) POWER FEED	0~200	200	550in-lb	110V 50/60Hz 220V 50/60Hz
AL-310S(X.Y.Z) POWER FEED	0~200	200	450in-lb	110V 50/60Hz 220V 50/60Hz
ALB-310SX HORIZONTAL POWER FEED	0~200	200	450in-lb	110V 50/60Hz 220V 50/60Hz

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TRUCK & STACKER

FORKLIFT TRUCK



Gasoline FG15/20
Diesel FD15/20



Gasoline FG25/30/35
Diesel FD25/30/35



LPG and Gasoline FGY15/20/25/30/35



Electric FB16/20/25



Electric FB25A/30

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TRUCK & STACKER

HAND PALLET TRUCK

Model	CBYM I/II		
Capacity	2500kg	3000kg	5000kg
Min. fork height	80mm		100mm
Max. fork height	190mm		210mmm
Steering wheel	ϕ 180x50mm Nylon / Polyurethane		ϕ 180x60mm
Load roller	ϕ 80x68mm Nylon / Polyurethane		ϕ 88x106mm
Each fork width	150mm		180mm
Total width of forks	550/685mm		700mm
Fork length	1150/1220mm		1310mm
Weight	60–80kg		200mm





Nylon wheel



PU wheel



whole casting pump



welded pump

HAND STACKERS

Model	CTY0.4	CTY0.5
Lifting capacity	400kg	500 kg
Lifting height	1100mm	1500 mm
Lifting speed (mm/stroke)		45
Fork height of lowered	90mm	90mm
Self weight		150/175kg



CTY0.4



CTY0.5

HYDRAULIC DRUM TRUCK

Model	COY0.3B	COT0.35C
Rated lifting capacity	300mm	350mm
Lifting height	100mm	1460mm
Overall dimenaion (LxWxH) mm	1025x810x1180	1144x892x2010
Self weight	32kg	175kg



COY0.38



COT0.35C

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TRUCK & STACKER

SCISSORS LIFT TABLE

Type	SP150	SP300	SP500	SP800	SPA300	SPA500	SPS350
Capacity (kg)	150	300	500	800	300	500	350
Max. lifted height H(mm)	740	900	90	1000	900	900	1300
Min. height of table h(mm)	225	280	280	420	340	340	348.5
Dim. of table (mm)	700x450x35	815x500x50	815x500x50	1000x515x55	855x500x50	855x500x50	910x500x52
Handle height A(mm)	825	1000	1000	996	970	970	970
Overall length B(mm)	780	935	935	1150	925	925	980
Foot pedal cycles to max height	25	32	45	55	32	45	55
Wheel diameter D(mm)	100	127	127	150	127	127	127



SPA500



SP800-III

Type	Wp300	WP500	WP800
Capacity (kg)	300	500	800
Max. lifted height (mm)	900	900	1000
Min. height of table (mm)	280	280	420
Dim. of table (mm)	815x500x50	815x500x50	1000x515x55
Overall height (mm)	1000	1000	996
Wheel diameter (mm)	127	127	150
Self weight (Kg)	75	85	115
Packing size (mm)	960x520x420	960x520x420	1170x605x440



WP300/500/800

CDSD SEMI-ELECTRIC STACKER

Model		Unit	CDSD1T					CDSD1.5T					CDSD2T		
Rated Capacity		kg	1000					1500					2000		
Max. lifting height		mm	1600	2000	2500	3000	3500	1600	2000	2500	3000	3500	1600	2000	2500
Load center distance			400												
Lowered fork height			85												
Length of fork			1000												
Overall fork width			300-690												
Lowered leg height			80												
Width of the leg			80												
Width of outside leg			620												
Length of the leg			835												
Min. Turning radius			1380												
Front / rear wheel			φ80x60/φ180x50												
Ground clearance			20												
Diameter of piston rod			φ38					φ45							
Battery		V/AH	12/165												
Overall size	Length	mm	1660												
	Width		800												
	Height		2060	1540	1790	2010	2290	2060	1540	1790	2040	2290	2090	1570	1820
Weight		kg	348	370	383	398	410	354	375	390	405	420	380	410	430



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TRUCK & STACKER

HYDRAULIC MACHINE LIFT

Model	HML-3	HML-8
Capacity	3 ton	8 ton
Lifting Stroke	140mm	140mm
Min.toe height	15mm	20mm
Lifting Range	15-155mm	20-160mm
Net weight	21.5kg	28kg



LOAD GUIDANCE

Model	LG-6	LG-12
Capacity	6 ton	12 ton
Type of Roller	nylon	steel
No.of Roller	8	8
Roller size φxW	φ85x90mm	φ83x85mm
Dimension LxWxH	630x400x115mm	630x400x115mm
Net weight	50kg	66kg



ADJUSTABLE LOAD ROLLERS

Model	ALR-6	ALR-12	ALR-24
Capacity	6 ton	12 ton	24 ton
Type of Roller	nylon	nylon	steel
No.of Roller	8	12	16
Skater Dimension	300x250x115mm	360x220x115mm	360x220x115mm
Net weight	30kg	38kg	65kg



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MEASURING TOOL

VERNIER CALIPER, DIAL CALIPER, DIGITAL CALIPER



VERNIER CALIPER

- Carbon steel or stainless steel
- Reading: 0.02mm,0.05mm
- Range: 0-100,0-125,0-150,0-200,0-300



VERNIER CALIPER WITH AUTO-LOCK

- Carbon steel or stainless steel
- Reading: 0.02mm,0.05mm
- Range: 0-150mm



CLOSE VERNIER CALIPER

- Carbon steel or stainless steel
- Reading: 0.02mm,0.05mm
- Range: 0-150mm



LARGE VERNIER CALIPERS

- Carbon steel
- Reading: 0.02mm,0.05mm
- Range: 0-500mm, 0-1000mm



DIAL CALIPERS WITH DIAL UNIT, ROLL WHEEL

- Carbon steel or stainless steel
- Reading: 0.02mm
- Range: 0-100mm, 0-150mm, 0-200mm, 0-300mm



DIAL CALIPERS WITH COVER, DOUBLE-GEAR

- Stainless steel
- Reading: 0.01mm,0.02mm
- Range: 0-150mm, 0-200mm, 0-300mm



ABSOLUTE DIGITAL CALIPER

- Stainless steel
- Reading: 0.01mm,0.02mm
- Range: 0-150mm, 0-200mm, 0-300mm



3V BATTERY DIGITAL CALIPER



VERNIER HEIGHT GAUGES

- Carbon steel
- Reading: 0.05mm,0.02mm
- Range: 0-200mm, 0-300mm, 0-500mm



DIGITAL HEIGHT GAUGES

- Carbon steel
- Reading: 0.01mm
- Range: 0-200mm, 0-300mm, 0-500mm

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MEASURING TOOL

MECHANICAL INDICATOR

NO.	Range	Grad.
321-122	0-3mm	0.01mm
321-123	0-5mm	0.01mm
321-125	0-10mm	0.01mm
321-131	0-25mm	0.01mm
321-129	0-30mm	0.01mm
321-130	0-50mm	0.01mm







DIGITAL INDICATOR

NO.	Range	Resolution
321-001	0-15mm	0.001mm
312-101	0-10mm	0.01mm
312-103	0-30mm	0.01mm
312-105	0-50mm	0.01mm

OUTSIDE MICROMETOR WITH PLASTIC SPRAYED

Number	Range	Accuracy
102-01-000	0-25mm	0.004mm
102-02-000	25-50mm	0.004mm
102-03-000	50-75mm	0.005mm
102-04-000	75-100mm	0.005mm
102-05-000	100-125mm	0.006mm
102-06-000	125-150mm	0.006mm
102-07-000	150-175mm	0.007mm
102-08-000	175-200mm	0.007mm



OUTSIDE MICROMETORS

Number	Range	Accuracy
106-01-000	0-25mm	0.004mm
106-02-000	25-50mm	0.004mm
106-03-000	50-75mm	0.005mm
106-04-000	75-100mm	0.005mm
106-05-000	100-125mm	0.006mm
106-06-000	125-150mm	0.006mm
106-07-000	150-175mm	0.007mm
106-08-000	175-200mm	0.007mm
106-09-000	200-225mm	0.008mm
106-10-000	225-250mm	0.008mm
106-11-000	250-275mm	0.009mm
106-12-000	275-300mm	0.009mm



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MEASURING TOOL

DELUXE ELECTRONIC OUTSIDE MICROMETER WITH IP54

Range	Accuracy
0-25mm	±0.002mm
25-50mm	±0.002mm
50-75mm	±0.003mm
75-100mm	±0.003mm
100-125mm	±0.003mm
125-150mm	±0.003mm
150-175mm	±0.004mm
175-200mm	±0.004mm
200-225mm	±0.004mm
225-250mm	±0.004mm
250-275mm	±0.005mm
275-300mm	±0.005mm



	Type A	Type B
RS output	√	×
Power ON/OFF	√	√
Abs. and inc. conversion	√	√
Mertci/Inch conversion	√	×
Data output	√	×
Original data set	√	√
Battery	SR44	SR44
Auto power off	√	√
Connecting cable	P1102	×

DELUXE ELECTRONIC OUTSIDE MICROMETER WITH IP65



133-01-410

With Output Port/ Without Output Port



133-01-416

OUTSIDE MICROMETER SET

	Range	Reading	pcs
102-33-00	0-75mm	0.01mm	3
102-44-00	0-100mm	0.01mm	4
102-66-00	0-150mm	0.01mm	6
102-88-00	0-200mm	0.01mm	8



102-44-00

	Range	Reading	pcs
106-33-00	0-75mm	0.01mm	3
106-44-00	0-100mm	0.01mm	4
106-66-00	0-150mm	0.01mm	6
106-96-00	150-300mm	0.01mm	6
106-99-00	0-300mm	0.01mm	12



106-44-00

THREE-POINT INTERNAL MICROMETER



315-07-070

Range: 6-100mm (0.275-4")



Set

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MEASURING TOOL

DEPTH MICROMETER

0-100mm
0.001mm Accuracy



UNIVERSAL 3-D TRACER

NO.	Movement	Graduation Value	Accuracy	Diameter of Hoding Bar
0421.005	Radial:0-10 Axial:0-6	Radial:0.01 Axial:0.0032	0.008mm	20mm



OPTICAL EDGE TRACER

NO.	Diameter of Holding Bar	length	Accuracy
0927.007	20mm	164mm	0.01mm
0927.008	32mm	164mm	0.01mm
0927.009	20mm	98mm	0.01mm



PARALLEL GAGE BLOCK SETS



36pcs/set
18pcs/set
Grade: 0,1,2

DIAL TEST INDICATORS UNIVERSAL TYPE

NO.	Measuring Range	Graduation Value	Accuracy	Outer ring Diameter
0410.002	0-0.8mm	0.01mm	0.008mm	31.8mm
0410.001	0-0.03in	0.0005in	0.0005in	1.25in



PLANER AND SHAPER GAUGE SETS

NO.	Measuring Range	L	W	H
LZ130.019	235mm	132m	76.2mm	19mm



ADJUSTABLE ANGLE BLOCK

NO.	Measuring Range	L	W	H
KJ075.025	0-60°	75mm	32.5mm	25mm
KJ102.030		102mm	48mm	30mm
KJ102.046		102mm	48mm	46mm



MICROMETER STAND

Model	Main body (mm)			Weight kg
	L	W	H	
MS-1	170	115	120	1.2
MS-11	Diameter110x110			1.4
MS-111	120	85	70	0.8







MAGENTIC V-BLOCK

Model	Work magnetic force (kg)		Main body (mm)			Weight kg
	V-mould plane	Parallels plane	L	W	H	
MV-7K	40	25	70	60	72	1.6
MV-12K	60	40	101	70	95	4





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MEASURING TOOL

HYDRAULIC UNIVERAL MAGNETIC STAND

Model	Work Magnetic Force	Main body (mm)			Main stem(mm)	Diameter of Hole (mm)		Work angle	Weight kg
		L	W	H	Length	Slot	Hole		
YW-6CU	60kg	63	50	55	380	6.5	8.0+0.02 or 9.5+0.02	150°	2
YW-8CU-1	80kg	69			380				
YW-8CU-11	80kg	69			330				


YW-6CU


YW-8CU-11


CZ-6C


WCZ-6C

MAGNETIC STAND WITH WITH NON-MICROADJUSTMENT

Model	Work Magnetic Force	Main body (mm)			Main stem(mm)		Assistant stem(mm)		Diameter of Hole	Work angle	Weight kg
		L	W	H	Length	diameter	Length	diameter			
CZ-6C	40kg	63	50	55	176	12	160	10	4.5/5.0+0.02 or 4.5/9.5+0.02	150°	1.5
WCZ-6C	40kg						150	10			

UNIVERSAL MECHANICAL ARM MAGNETIC STAND


WCE-6CA


WCE-6CC 10804


WCE-6CC 10808

Model	Work magnetic force	Main body			Main stem		Diameter of Hole		Work angle	Weight kg
		L	W	H	Length	Color	Length	Hole		
WCE-6CA	60kg	63	50	55	350		6.5	0.8+0.02 or 9.5+0.02	150	1.9
WCE-6CC(10804)					290	Blue				1.6
WCE-6CC(10808)						White				

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CUTTING TOOLS

METRIC 19PCS/SET

19 pcs 1 to 10mm by 0.5mm metal box
Rolled Black Oxide
Rolled polished
Milled Polished
Ground Bright
Ground Tin-coated



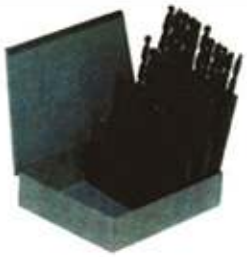
METRIC 25PCS/SET

25 pcs 1-13mm by 0.5mm metal box
Rolled Black Oxide
Rolled polished
Milled Polished
Ground Bright
Ground Tin-coated



METRIC 50PCS/SET

50 pcs 1-5.9mm by 0.1mm in metal box
Rolled Black Oxide
Rolled polished
Milled Polished
Ground Bright
Ground Tin-coated



8PCS/SET

With cylindrical shank 13-25mm
All shanks 13mm
Size: 13,14,15,16,18,20,22,25mm



9PCS/SET

With morse taper
MT2: 14.5,16,18,21,22mm
MT3: 24,26,28,30mm



10PCS/SET

With morse taper
MT1: 14.5mm
MT2: 15,16,17,18,19,20,21,22,23mm



Center Drill Hss

Form A, right-hand cut 60°
Milled or Ground



Dia	1.0	1.6	2.0	2.5	3.15	4.0	5.0	6.3
Working length	3.15mm	4.0mm	5.0mm	6.3mm	8.0mm	10mm	12.5mm	16.0mm

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CUTTING TOOLS

14PCS SPIRA POINT TAPS & DRILL



HSS Metal Case

- DIN371/376 Spiral Point Taps

M3x0.5 M4 x0.7 M5x0.8 M6x1
M8x1.25 M10x1.5 M12x1.75

- Drill

Φ2.5 Φ3.3 Φ4.2 Φ5.0 Φ6.8 Φ8.5 Φ10.2

29PCS TAP & DRILL SET



HSS Metal Case

- DIN352 3pcs/set Tap

M3x0.5 M4 x0.7 M5x0.8 M6x1
M8x1.25 M10x1.5 M12x1.75

- Drill

Φ2.5 Φ3.3 Φ4.2 Φ5. 0 Φ6.8 Φ8.5 Φ10.2

- DIN1814 Tap Wrench

No. 1.1/2

32PCS TAPS&DIES



HSS Metal Case

- DIN352 pcs/set Taps

M3x0.5 M4 x0.7 M5x0.8 M6x1
M8x1.25 M10x1.5 M12x1.75

- DIN233 Round Dies

M3x0.5 M4 x0.7 M5x0.8 M6x1
M8x1.25 M10x1.5 M12x1.75

- DIN1814 Tap Wrench No.1.1/2
- DIN255 Die Handle 25x9
- Thread Pitch Gauge Metric
- Screw Driver

58PCS CLAMPING KIT WITH RED METAL HOLDER

Each set contains:
*6-T-Slot nuts
*6 Flange nuts
*4-Coupling nuts
*6-step blocks
*24 studs 4 ea.=3",4",5",6",7",8"length

Table T-slot Size (MM)	Stud Size (MM)
9.7	M8x1.25
11.7	M10x1.5
13.7	M10x1.5
13.7	M12x1.75
15.7	M12x1.75
15.7	M14x2
17.7	M14x2
17.7	M16x2
19.7	M16x2
19.7	M18x2.5
21.7	M18x2.5
21.7	M20x2.5
23.7	M20x2.5

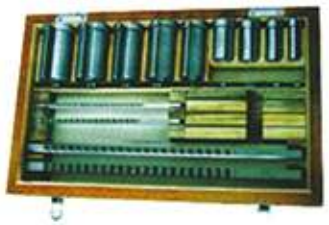


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CUTTING TOOLS

METRIC KEYWAY BROACH SETS

Piece	No.of broaches	No.of Shim	No.of Bushing	Keyway Combinations
6	2 Broaches: 2mm,3mm(A)	1	3Bushings: 6,8,10mm	6
16	2 Broaches: 16mm,18mm(E-1)	6	8Bushings: 52,54,55 56,58,60,62,65mm	16
21	3 Broaches: 10mm,12mm,18mm(D-1)	6	12Bushings: 32,34,35,36,38 40,42,44,45,46,48,50mm	36
22	4 Broaches: 4mm,5mm(B-1), 8mm(C-1)	5	13Bushings: 12,14,15,16,18,19 20,22,24,25,26,28,30mm	26



END MILL SET

20 pcs/set with Tin Coated

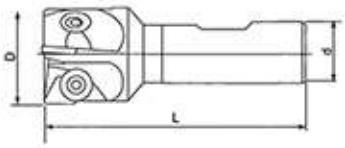
2&4 Flute each of 3,4,5,6,8,10,12,14,18,20mm



STRAIGHT SHANK CARBIDE INDEXABLE END MILLING CUTTER

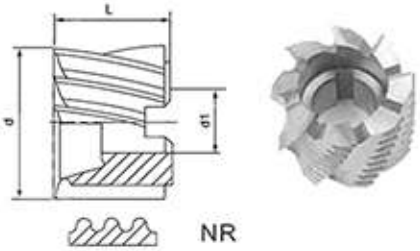
D(mm)	12	14	16	18	20	22	25	28	30	32	36	40	45	50
L(mm)	70	70	75	75	82	82	96	96	96	100	100	110	110	110
Insert	1	1	1	1	2	2	2	2	2	2	2	3	3	3



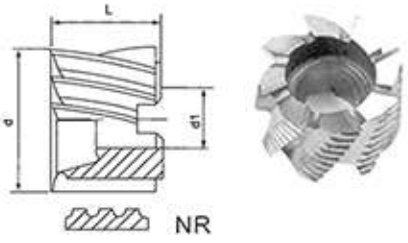


MILLS

d	d1	L
40mm	16mm	32mm
50mm	22mm	36mm
63mm	27mm	40mm
80mm	27mm	45mm
100mm	32mm	50mm
125mm	40mm	56mm
160mm	50mm	63mm



SHELL ROUGHING END MILL



SHELL ROUGHING & FINISHING END MILLS

CARBIDE INDEXABLE FACE MILLING CUTTER

Milling Dia	Shank taper	Max. Dia of Taper	Overall length
63mm	MS3	24.1mm	127mm
63mm	R8	31.75mm	143.6mm
63mm	Str	25mm	102mm



INDEXABLE TURNING TOOLS







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CUTTING TOOLS

INDEXABLE TURNING TOOLS

Title	Tip height 12mm(1set)	Tip height 15mm(1set)	Tip height 16mm(1set)	Tip height 20mm(1set)	Tip height 25mm(1set)	Tip height 32mm(1set)
External Turning Tools	PSSNR1215H09	PSSNR1516H09	PSSNR1616H09	PSSNR2020-12	PSSNR2525-15	PSSNR3225-19
	Tool bit:41005V			Tool bit:41310V	Tool bit:41610V	Tool bit:41910V
	PSBNR1215H09	PSBNR1516H09	PSBNR1616H09	PSRNR2020-12	PSRNR2525-15	PSRNR3225-19
	Tool bit:41005V			Tool bit:41310V	Tool bit:41610V	Tool bit:41910V
	PWGNR1215H06	PWGNR1516H06	PWGNR1616H06	PWGNR2020-08	PWGNR2525-10	PWGNR3225-13
	Tool bit:31005V			Tool bit:T3K1305A	Tool bit:T3K1605A	Tool bit:T3K1910A
Internal Turning Tools	PSSNR1012J09	PSSNR1412J09	PSSNR1412J09	PSSNR1518M12	PSSNR2020R15	PSSNR2525S15
	Tool bit:41005Fb			Tool bit:41305Fb	Tool bit:41605Fb	Tool bit:41605Fb
	PWKNR1012J06	PWKNR1412J06	PWKNR1412J06	PWKNR1518M08	PWKNR2020R10	PWKNR2525S10
	Tool bit:31005Az			Tool bit:T31305Fb	Tool bit:T31605Fb	Tool bit:T31605Fb
	PWUNR1012J06	PWUNR1412J06	PWUNR1412J06	PWUNR1518M08	PWUNR2020R10	PWUNR2525S10
	Tool bit:31005Fb			Tool bit:T31305Fb	Tool bit:T31305Fb	Tool bit:T31305Fb
Intermal Threading Tools	LN1215R-04	LN1516R-04	LN1616R-04	LN2020R-06	LN2520R-06	LN3225R-08
	Tool bit:JCL15-120			Tool bit:M606	Tool bit:M606	Tool bit:M608
External Threading Tools	LW1215R-06	LW1516R-06	LW1616R-06	LW2020R-08	LW2520R-08	LW3225R-08
	Tool bit:M606			Tool bit:JCL25-120		
Cut-off Tool	QA1222R-03	QA1522R-03	QA1622R-03	QA2027A-04	QA2527R-05	QA3234R-05
	Tool bit:J200			Tool bit:J201	Tool bit:J203	Tool bit:J203
Box of Tools	298x200x42mm	310x220x44mm	310x220x44mm	327x245x45mm	385x255x48mm	420x305x60mm

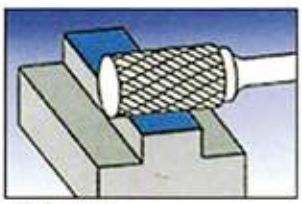
CARBIDE ROTARY FILES

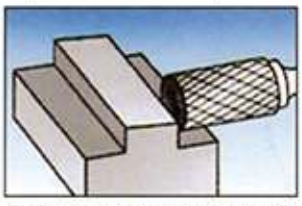

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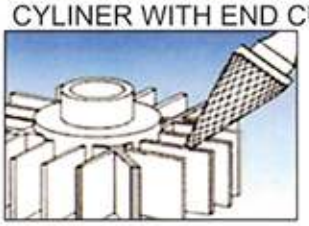

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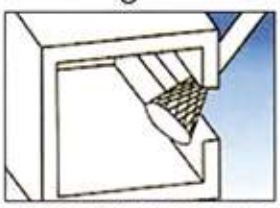

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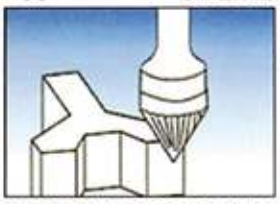

CYLING


CYLINER WITH END CUTTER

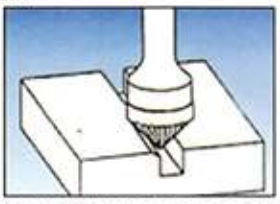

CYLINDER WITH BALL TOP

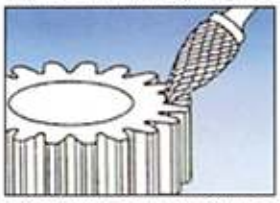

TAPER

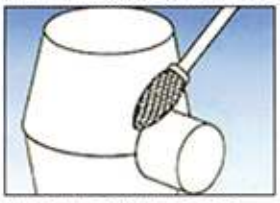

TAPER WITH BALL TOP

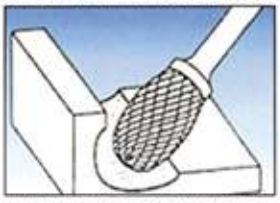

TAPER WITH 60 DEGREE ANGLE

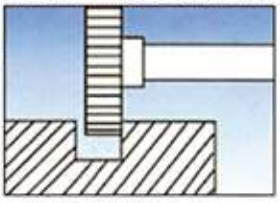

TAPER WITH BALL TOP

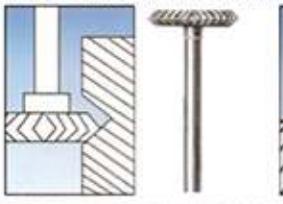

TAPER WITH 90 DEGREE ANGLE

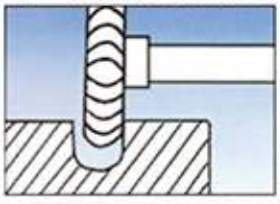

ARC CYLINDER WITH SHARP TOP


TIRTH CYLINDER


ELLIPTIC CYLINDER


DISC TYPE


DISC TYPE WITH 90 DEGREE ANGLE EDGE


DISC TYPE WITH ARC EDGE


SPHERE


ARC CYLINDER WITH BALL TOP

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CUTTING TOOLS

INDEXABLE TURNING TOOLS

5PCS/SET

AR	AL	BR	BL	E
				
• Right hand suitable for machining to a 90° square shoulder. • For machining operations such as turning, boring, and chamfering.	•Left hand suitable for facing to a square shoulder. •Ideal for boring, chamfering, and facing.	• Right hand 15° lead angle for rough turning where a square shoulder is not required. • Used for turning,boring,and facing where a lead angle is acceptable.	• Left hand 15° lead angle for facing to center of where no shoulder is needed. • Great for boring, facing, and chamfering.	• Neutral threading tool 30° included angle; used for U.S. standard universal threading. V-grooving, chamfering, turning, boring & facing.

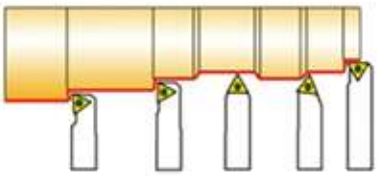


Tip Height:6,8,10,12,16,20,25mm

Inserts :Turning Inserts/Turning Inserts with Tin-Coated

SCREW-ON TYPE TOOL HOLDERS SETS





Specification
8×63
10×62
12×88
16×100
20×115

4+1 5PCS/SET TOOL HOLDERS SETS



4 Styles Holders and Inserts 10mm
1 Boring Bar and Insert 12mm
16mm

3PCS TOOLS HOLDERS SETS



2 Styles Holders and Inserts 10mm
1 Boring Bar and Inserts 12mm
16mm

2PCS GROOVING CUTTERS SETS





1PC External 10/12/16/20mm
1PC External

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CUTTING TOOLS

INDEXABLE TOOL HOLDERS

STUBBY LENGTH BORING BAR SETS(4PCS/SET)





Mini MODEL	Shank	Bore	OAL	Insert
TAS-500BTX	½	1/2	2-5/32	TPGT21.51
TAS-500DTX	3/4	1/2	2-15/16	TPGT21.51
TAS-750DTX	3/4	3/4	3-5/32	TPGT32.51
TAS-1000DTX	3/4	1	3-3/8	TPGT32.51
TAS-1250DTX	3/4	1-1/4	3-19/32	TPGT32.51
TAS-500ETX	1	1/2	2-15/16	TPGT21.51
TAS-750ETX	1	3/4	3-5/32	TPGT32.51
TAS-1000ETX	1	1	3-3/8	TPGT32.51

MODEL	Shank	Bore	OAL	Insert
TAS-1250ETX	1	1-1/4	3-19/32	TPGT32.51
TAS-18A	18mm	1/2	2-15/16	TPGT21.51
TAS-18B	18mm	3/4	3-19/32	TPGT32.51
TAS-18C	18mm	1	3-3/8	TPGT32.51
TAS-18D	18mm	1-1/4	3-5/32	TPGT32.51

18mmSHANK:	*3/4SHANK:*	*1" SHANK:*
TAS-18A	TAS-500DTX	TAS-500ETX
TAS-18B	TAS-750DTX	TAS-750ETX
TAS-18C	TAS-1000DTX	TAS-1000ETX
TAS-18D	TAS-1250DTX	TAS-1250ETX

ROUND SHANK BORING BAR





SHANK		
Model	SIZE	PIECES
RS4	1/2	4
RS6	5/8	6
RS8	3/4	8

MB ROUND SHANK BORING BAR



SHANK			Mini			TIN-COATED	
Model	SIZE	OAL	ANGLE		Brod	PIECES	ORDER#
MB-1/2	1/2	4	91°	95°	286/314	4	2627-9200
MB-12	12	100	91°	95°	8	4	2627-9210

BORING BAR SETS





MODEL	PIECE	SIZE
S-SCLC-03S	3	10,12,16mm
S-SCLC-04S	4	8,10,12,16mm
S-SCLC-05S	5	8,10,12,16,20mm
S-SCLC-3-1S	3	5/16,3/8,1/2
S-SCLC-3-2S	3	1/2,5/8,3/4

MODEL	PIECE	SIZE
S-SCLC-4-1S	4	5/16,3/8,1/2,5/8
S-SCLC-4-2S	4	3/8,1/2,5/8,3/4
S-SCLC-5S	5	5/16,3/8,1/2,5/8,3/4

PIECE	SIZE
3	10,12,13mm
4	8,10,12,16mm
5	8,10,12,16,20mm
3	5/16,3/8,1/2
3	1/2,5/8,3/4
4	5/16,3/8,1/2,5/8
4	3/8,1/2,5/8,3/4
5	5/16,3/8,1/2,5/8,3/4

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CUTTING TOOLS

INDEXABLE TURNING TOOLS

MULTI-PURPOSE 5PCS/SETS



For the outer circle and the end surface,steps, profiling, grooving and cutting, thread processing

8mm or 5/16, 10mm or 3/8, 12mm or ½,
16mm or 5/8, 20mm or 3/4

BORING BAR SETS (3PCS/SET)



3PCS Boring Bar Sets
8mm/10/12/16/20mm

INTERNAL THREAD TURNING SETS



1 PC Internal Tool Holder
10 PCS Insert with Tin-Coated

EXTERNAL THREAD TURNING SETS



1 PC External Tool Holder
10 PCS Insert with Tin-Coated

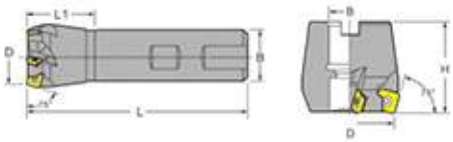
3+2 5PCS/SET TOOL HOLDERS



8mm or 5/16, 10mm or 3/8, 12mm or ½
16mm or 5/8, 20mm or 3/4

INDEXABLE MILLING CUTTER

75°Indexable End Mill and Face Mills

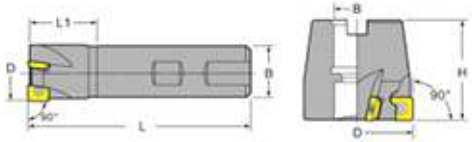






End Mills

90°Indexable End Mill and Face Mills





CUTTER				No.of
D	B	L/H	L1	FLUTES
25	25	96	40	3
32	25	96	40	4
40	32	100	40	5
40	32	40	-	5
63	22	40	-	5
80	27	50	-	6

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CUTTING TOOLS

INDEXABLE MILLING CUTTER

R8 Shank End Mills



CUTTING DIA	SHANK	No.of FLUTE
1	3/4	1
1	R8	1
2	1	3
2	R8	3
2	1-1/4	3
2-1/2	R8	5
2-1/2	1-1/4	5
3	R8	5
3	1-1/4	5
3/4	3/4	1
1	3/4	1
1	R8	1
1-1/4	3/4	1
1-1/4	R8	1
1-1/2	3/4	1
1-1/2	R8	1
2	3/4	3
2	R8	3
2	1-1/4	3
2-1/2	R8	4
3	R8	5
3	1-1/4	5

90°End Mills



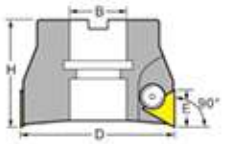
SHANK	CUTTING DIA	No.of INSERTS
1/2(Weldon)	1/2	1
	3/4	1
	3/4	2
	7/8	2
3/4(Weldon)	1	2
	1-1/4	2
	1-1/2	3
	1-3/4	3
	2	3
	1	2
	1-1/4	2
1"(Weldon)	1-1/2	3
	1-3/4	3
	2	3
30STD	2	3
	2	3
40STD	2-1/2	4
	3	5
	1	2
	1-1/4	2
	1-3/8	2
	1-1/2	3
R8	1-5/8	3
Bridgeport	1-3/4	3
Type	2	3
	2-1/2	4
	2-3/4	5
	3	5
	3-1/2	6
	4	6

Indexable End Mills Sets



	SHANK	INCLUDES
	3/4Weleon	3/4,7/8,1
	3/4Weleon	1-1/4,1-1/2,2
	1"Weleon	1-1/4,1-1/2,2
	40STD	2,2-1/2,3
	R8	1,1-1/4,1-1/2
	R8	2,2-1/2,3
	R8	2,2-1/4,2-1/2
	R8	1-1/4,1-1/2,3
	R8	2,2-1/2,3
	R8	2-3/4,3,3-1/2
15°	R8	2,2-1/2,3
	1-1/4	2,2-1/2,3
45°	R8	1-1/4,1-1/2,2
	R8	2,2-1/2,3
	3/4	1-1/4,1-1/2,2

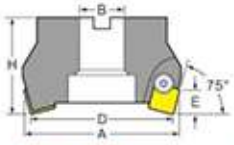
90°Indexable Face Mill





CUTTER HOLE MODEL	D	B	H	E	No.of FLUTE
STP40	40	16	42	14.5	3
STP50	50	22	45	14.5	4
STP63	63	22	48	14.5	4
STP80	80	27	50	14.5	5
STP100	100	32	50	18	5
STP125	125	40	60	18	6
STP160	160	40	60	18	7

75°Indexable Face





CUTTING D	BORE B	H	A	E	No.of Flute
50	22	45	56	9	3
63	22	48	69	9	4
80	27	50	86	9	5
100	32	50	106	9	6
125	40	60	131	9	6

Indexable Countersink

Cutter Dia Min-Max	Shank	Inserts	Screw
		60°Point Angle	
6-20	12	TCMT1604	MLD-M40
12-45	12	SCMT1204	MLD-M40
32-62	20	SCMT1204	MLD-M50
		82°Point Angle	
6-20	12	TCMT1604	MLD-M40
12-45	12	SCMT1204	MLD-M40
32-62	20	SCMT1204	MLD-M50
		90°Point Angle	
6-20	12	TCMT1604	MLD-M40
12-45	12	SCMT1204	MLD-M40
32-62	20	SCMT1204	MLD-M50
		90°Point Angle	
6-20	12	TCMT1604	MLD-M40
12-45	12	SCMT1204	MLD-M40
32-62	20	SCMT1204	MLD-M50



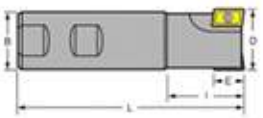


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CUTTING TOOLS

INDEXABLE MILLING CUTTER

Indexable End Mills and Face Mills



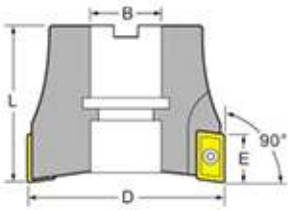


D	B	I	L	No.of Flute
3/8	1/2	1-3/16	3	1
1/2	1/2	1-3/16	3-1/4	1
1/2	5/8	1-5/16	3-1/4	1
5/8	5/8	1-3/8	3-1/4	2
3/4	3/4	1-7/16	3-1/2	3
1	1	1-7/16	3-3/4	4
1	1	1-7/16	3-3/4	2
1-1/4	1-1/4	1-7/16	3-3/4	3
1-1/4	1-1/2	1-1/2	4-1/4	6
1-1/4	1-1/2	1-1/2	4-1/4	3

D	B	I	L	No.of Flute
10	12	30	85	1
12	12	30	85	1
16	16	30	85	2
20	20	35	90	3
25	25	35	90	4
25	25	35	95	2
32	32	40	105	6
32	32	40	105	3
40	40	40	115	3



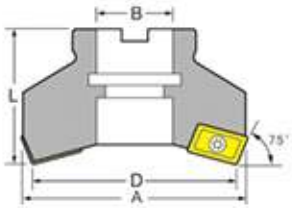
Cutter D	B	L	No.of Flute
2	3/4	1-3/4	5
2-1/2	3/4	2	6
3	1	2	7
4	1-1/2	2	8
5	1-1/2	2	8
6	2	2-31/64	10
8	2-1/2	2-31/64	12



Cutter D	B	L	No.of Flute
40	16	40	4
50	22	45	5
63	22	50	6
80	27	60	6
100	32	70	8
125	40	70	10
160	40	70	12

75°Indexable Face Mills





D	B	I	L	No.of Flute
2-1/2	2.71	3/4	1.57	4
3	3.21	1	1.97	5
4	4.21	1-1/4	1.97	6
4	4.21	1-1/2	1.97	6
2-1/2	2.71	3/4	1.57	4
3	3.21	1	1.97	5
4	4.21	1-1/4	1.97	6
4	4.21	1-1/2	1.97	6

45°Indexable Face Mills Octagonal Double Side



D	B	I	L	No.of Flute
2-1/2	3.03	3/4	1-3/4	5
3	3.53	1	2	6
4	4.53	1-1/4	2-1/2	7
4	4.53	1-1/2	2-1/2	7
5	5.53	1-1/2	2-1/2	8

R8 Shank Indexable Mills

MODEL	CUTTING DIA	No.of INSERTS
1*R8AP16	1	2
1-1/4*R8AP16	1-1/4	3
1-1/2R8AP16	1-1/2	4
1-3/4R8AP16	1-3/4	5
2*R8AP16	2	5
2-1/2*R8AP16	2-1/2	6
2-3/4*R8AP16	2-3/4	6
3*R8AP16	3	6



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