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THE COMPLETE PRODUCT LINE

weinbrenner-maschinenbau.de



WPS

Environmentally friendly.
Smart. This is how we do it.

100% ELECTRIC



ENERGY IN
EFFICIENT USE

01

UP TO 3100 mm

02

UP TO 130 TONS

03

UP TO 50% ENERGY SAVING,
LOW CO2 EMISSIONS

Effective in all ways

04

MORE THAN 30% HIGHER
PRODUCTIVITY

Effective production

08

BELT & PULLEY SYSTEM

Proven system

07

NO HARMFUL
HYDRAULIC OIL

Environment friendly

06

NOISELESS OPERATION

Operator comfort

05

FULL WORKING LENGTH
BACKGAUGE

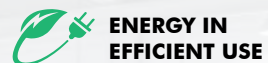
Flexibility

	Bending Force	Motor Output	Approach	Working	Return	Bending Length	Inside Frames	Side Frame Width	Bed Height	Daylight opening	Max. Stroke	Table Width
						A	B	C	G	K	L	M
	kN	kW	Speeds (mm/s)			mm	mm	mm	mm	mm	mm	mm
WPS 15040	400	11	170	10/20*	170	1.540	1.790	1.850	1.015	590	300/240**	60
WPS 20050	500	11	150	10/20*	150	2.040	2.300	1.850	1.015	590	300/240**	60
WPS 26080	800	11	90	10/20*	90	2.550	2.810	1.850	1.015	590	300/240**	60
WPS 31100	1000	11	75	10/20*	75	3.050	3.350	1.850	1.015	590	300/240**	60
WPS 31130	1300	13	85	10/20*	85	3.050	3.350	1.895	1.020	590	300/240**	60

* Accordance with local regulations, except for Robotic use

** With Promecam Clamping combination.

100% ELECTRIC



ENERGY IN EFFICIENT USE

01

UP TO 1300 mm

02

UP TO 36 TONS

03

**UP TO 50% ENERGY SAVING,
LOW CO2 EMISSIONS**
Effective in all ways

04

**MORE THAN 30% HIGHER
PRODUCTIVITY**
Effective production

08

BALL SCREW MECHANISM
Proven Mechanism

07

**NO HARMFUL
HYDRAULIC OIL**
Environment friendly

06

NOISELESS OPERATION
Operator comfort

05

SMALL FOOT PRINT
Maximum power on
minimum space

	Bending Force	Motor Output	Approach	Working	Return	Bending Length	Inside Frames	Side Frame Width	Bed Height	Daylight opening	Max. Stroke	Table Width
	A	B	C	G	K	L	M					
	kN	kW	Speeds (mm/s)			mm	mm	mm	mm	mm	mm	mm
WPB 09020	200	3,8	150	10/20*	150	900	1.020	1.700	790	430	150	40
WPB 13036	360	10,0	150	10/20*	150	1.300	960	1.700	790	430	150	40

* Accordance with local regulations, except for Robotic use



02

EXTREMELY FAST
Extreme Precision with High Speed Cutting

03

HIGH PERFORMANCE
Best cutting quality, high accuracy and productivity without compromises on the whole thickness

04

PROFITABILITY
Low operating costs thanks to energy efficiency and reduced maintenance

01

4.0 G HIGH ACCELERATION
Linear Motion Drive With Unique Gantry

05

UP TO 30KW
Wide Power Range between 6-30 kW

06

FLEXIBILITY
Suitable for a wide range of materials, including highly-reflective metals and high thickness mild steel

07

PRODUCTIVITY
Compared with conventional drive systems, high dynamic linear drive increases productivity on thin sheets (+20%)

08

ACCURACY
Excellent cutting quality and dynamics on all materials

Technical Data	
Working area	1.500 mm x 3.000 mm
Laser Power	6 kW - 20 kW
Cutting Head	Precitec ProCutter 2.0
Optional Cutting Head	Precitec ProCutter Zoom 2.0
CNC Control Unit	Beckhoff CNC (18.5" TFT-Windows 10)
Linear motors and Drivers	Beckhoff
Linear Rails	Bosch Rexroth
Rapid Traverse	170 m/min.
Vector Speed	240 m/min.
Acceleration	4.0 G (40m/s ²)
Absolute Positioning Accuracy	± 0.01 mm
Repeatability	± 0.01 mm
Feed Rate	Programmable up to 150 m/min
Transfer Table Motorized	Motorized - Automatic Exchange
Max. Load Capacity	1250 kg for Each Table
Nesting Software	LANTEK Expert Cut II / Metalix AutoNest PRO
Nozzle Cleaning and Calibration	Automatic
Fume extractor	Optional
Bevel Cutting Head	Not Applicable

Material	Maximum Cutting Capacities				
	Mild Steel	Stainless Steel	Aluminum	Copper	Brass
6 kW Resonator	25 mm	20 mm	20 mm	8 mm	12 mm
8 kW Resonator	25 mm	25 mm	25 mm	12 mm	16 mm
10 kW Resonator	30 mm	30 mm	30 mm	16 mm	16 mm
12 kW Resonator	35 mm	35 mm	35 mm	20 mm	20 mm
15 kW Resonator	35 mm	35 mm	35 mm	20 mm	20 mm
20 kW Resonator	40 mm	40 mm	35 mm	20 mm	25 mm
30 kW Resonator	40 mm	40 mm	35 mm	20 mm	25 mm

* Material cutting thickness is dependent on many factors including material specifications, condition and machine parameters. All specifications are subject to change.