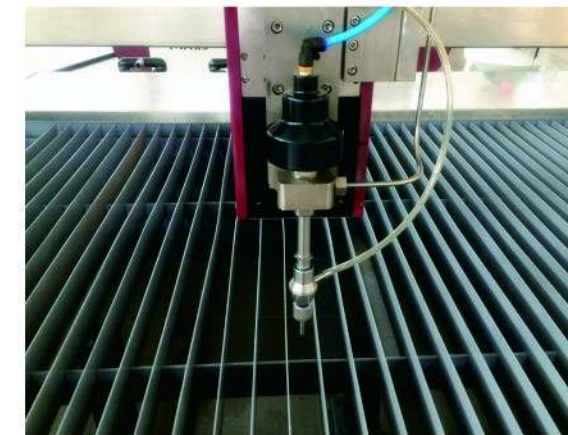
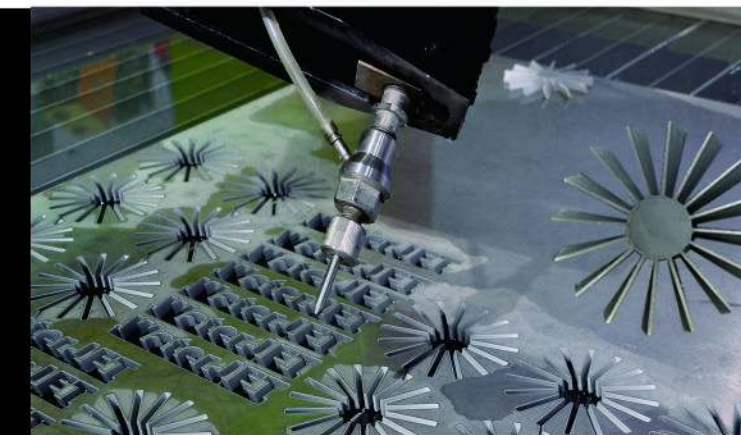




YC WATERJET
永昌水刀·切割专家



无锡永昌水刀科技有限公司
WUXI YOCHANG WATER JET TECHNOLOGY CO.,LTD.

无锡市永昌工业设备制造厂
YC INDUSTRY CO.,LTD.

地址：无锡市惠山经济开发区阳山配套区昌发路3号 / 电话：+86-0510-83953519(总机) +86-0510-83051981 (直线)
传真：+86-0510-83953128 / 邮箱：sales@ycwaterjet.com / 网址：www.ycwaterjet.com / 邮编：214156

Add:No.3 Changfa Road ,Yangshan supporting area,Huishan Economic Development Zone,Wuxi,China. Tel:+86-0510-83953519(central exchange)
+86-0510-83051981 (direct line) Fax: +86-0510-83953128 E-mail: sales@ycwaterjet.com Http://www.ycwaterjet.com www.cnc-waterjet.com
Zip:214156



手机网站



微信二维码



YC WATERJET SPECIALIZED IN CNC CUTTING

公司概况 COMPANY INTRODUCE

永昌水刀 中国 无锡



无锡永昌水刀科技有限公司位于江苏省无锡市阳山镇，东南距离上海市区150公里，西北距离南京市区180公里，是长三角的核心区域，距苏南硕放国际机场50公里，距锡宜高速阳山互通5分钟车程，水陆空交通通畅便捷。

本公司自2005年开始设计制造并销售超高压水射流切割设备，该设备是目前世界上唯一的冷切割新工艺，在材料切割领域有着无可媲美的领先优势，其独特的冷切割工艺适合任何质地材料的切割，已广泛应用于众多行业，本公司现有生产车间5000余平米，办公区域1000余平米，有满足各类客户需求的开发/设计/生产的能力。

永昌超高压水射流切割机在低噪音无污染且性能稳定的基础上，还吸收了欧美水射流顶尖品牌的技术，并与德国KMT，美国ACCUSTREAM/HYPERTHERM长期合作，实现了水切割系统的完美优化，至今已远销全球各大洲共计四十多个国家和地区，并在英国、匈牙利、南非、喀麦隆、黎巴嫩等地区拥有代理和合作商。

YC WATERJET is located in Wuxi City with convenient transportation, about 150km away from Shanghai city and 180km away from Nanjing city, it only takes 5 minutes to the slip-road .

We have been researching and developing UHP water jet cutting equipment since 2005. This equipment is currently the only new cold cutting technology in the world which has been applied to many industries. Low noise and no pollution , it can cut almost all kinds of materials with its unique advantages in the cutting field.

YC WATERJET has 5000 m² workshop, 1000 m² office area and the ability to meet different needs of customers. We always learning and developing the most advanced water-jet technology in the world, we has been cooperating with KMT(GERMAN),ACCUSTREAM/HYPERTHERM(USA) for many years. Now we have sold our products to about 40 countries all around the world, and we have agents and partners in UK, Hungary, South Africa, Cameroon, Lebanon etc.





产品介绍 / 水射流切割

PRODUCT INTRODUCTION / WATERJET CUTTING



CNC WATERJET CUTTING MACHINE

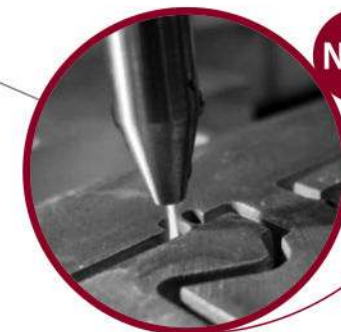
■ 数控水射流切割机

一套完整的水切割机包括三个基本部分：高压系统，切割平台和控制柜，其他附件可另选，如：自动供砂系统、冷却机系统等。

One full set of waterjet machine consists of three basic parts: hp system, cutting table and CNC controller, other accessories can be chosen, like abrasive delivery, cooler system, ect.



01 YC Waterjet
Industry Equipment 02



NEW

THE ADVANTAGE OF WATERJET CUTTING

■ 水射流切割的主要益处

非常快地从绘图转变至切割加工
Can be transfer the drawings to cutting quickly

快速定位—往往只需少量或不需夹紧装置
Quick position—some or few fixing equipments

高精度—减少二次加工的需要
High accuracy—reduce the recutting

更快的切割速度
Quicker cutting speed

对加工工具的磨削无需求
In no need of fabrication for the working parts

对操作者和环境更安全—避免了蒸汽，灰尘，烟雾，明火等
Safer for the operator and circumstance osteam, dust, smog etc

冷加工工艺—避免了热形成区，材料的硬化和材料的应力
Cool cutting—no heat will be produced

清洁的加工工艺无需二次除污操作
Clear processing, in no need of clear the working parts again

无毛边—对于大多数的应用无需二次加工切割面
Good cutting finishes—in no need of trimina the cutting finishes again

很小的切割缝
Narrow cutting gap

快速校准，易变通的加工方式，已被证明可用于大批量生产的理想系统
Quick calibration and easier versatility way of cutting. It has been proved that it can be used in mass production in the ideal system

最适合使用CAD/CAW软件
Fit for CAD/CAM software

任何材料，都几乎能用水射流切割，厚度自非常薄至200mm甚至更多
Waterjet cutting machine can cut almost all the materials. It can cut the foilat the thickness of 200mm





切割平台 /龙门式切割平台

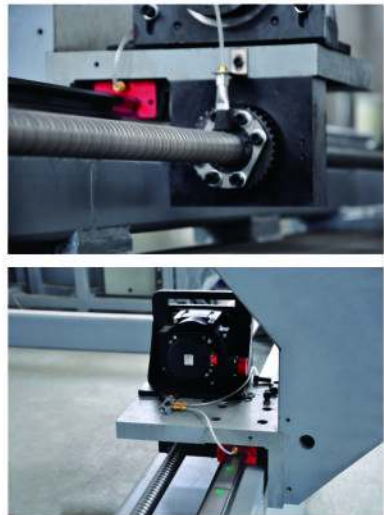
BRIDGE TYPE CUTTING TABLE

BRIDGE TYPE YC-L3015

■ 龙门式 YC-L3015

X和Y轴我们选用台湾上银(HIWIN)或者德国亿孚(I+F)丝杆和直线导轨；
伺服驱动系统选择日本三菱。

X axis and Y axis we adopt HIWIN or I+F ball screw and guideway,
the servo motor to drive we adopt MITSUBISHI



数控水切割机L龙门式/CNC Water-Jet Cutting machine(L=bridge type)							
参数 Parameters	单位Unit	YCWJ-L1515	YCWJ-L2010	YCWJ-L2015	YCWJ-L2515	YCWJ-L3015	
有效的切割范围 Efficient Cutting area	mm	1500 × 1500	2000 × 1000	2000 × 1500	2500 × 1500	3000 × 1500	
各轴行程 Axis travel	X	mm	1500	2000	2000	2500	3000
	Y	mm	1500	1000	1500	1500	1500
	Z	mm	150-180	150-180	150-180	150-180	150-180
切割精度 Cutting accuracy	mm	+/- 0.1mm					
重复定位精度 Positioning accuracy	mm	+/- 0.02					
X,Y空运行速度 X,Y dry-run speed	m/min	0-15(如果需要0-30m速度, 可定做) 0-15 (if need 30m/min speed ,we can do as request)					
切割速度 Cutting speed	m/min	根据具体的材料和厚度不同 as to detail material and thickness					

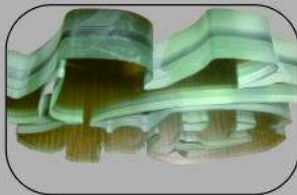
注意：可根据客户要求定做。Remarks: As to customer's different requirement .

BRIDGE TYPE CUTTING TABLE

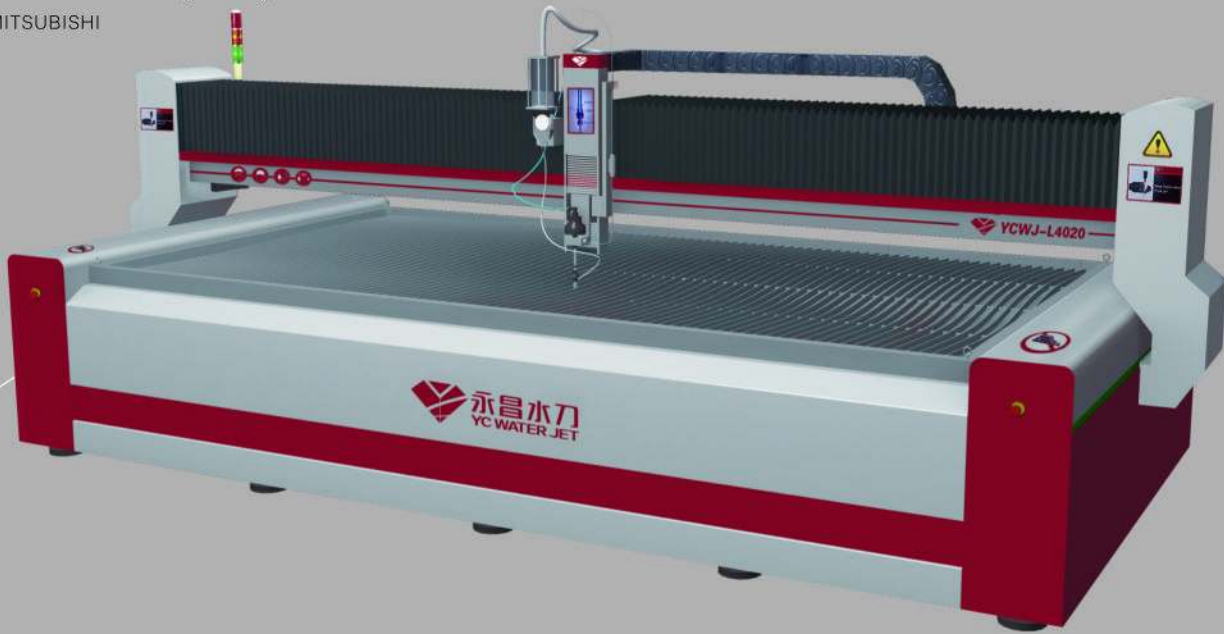
■ 龙门式切割平台

X和Y轴我们选用台湾上银(HIWIN)或者德国亿孚(I+F)丝杆和直线导轨；
伺服驱动系统选择日本三菱。

X axis and Y axis we adopt HIWIN or I+F ball screw and guideway,
the servo motor to drive we adopt MITSUBISHI



龙门式
YC-L4020



数控水切割机L龙门式/CNC Water-Jet Cutting machine(L=bridge type)							
参数 Parameters	单位Unit	YCWJ-L3020	YCWJ-L4020	YCWJ-L3040	YCWJ-L2060	YCWJ-L3080	
有效的切割范围 Efficient Cutting area	mm	3000 × 2000	4000 × 2000	3000 × 4000	2000 × 6000	3000 × 8000	
各轴行程 Axis travel	X	mm	3000	4000	3000	2000	3000
	Y	mm	2000	2000	4000	6000	8000
	Z	mm	150-180	150-180	150-180	150-180	150-180
切割精度 Cutting accuracy	mm	+/- 0.1					
重复定位精度 Positioning accuracy	mm	+/- 0.02					
X,Y空运行速度 X,Y dry-run speed	m/min	0-15(如果需要0-30m速度, 可定做) 0-15 (if need 30m/min speed ,we can do as request)					
切割速度 Cutting speed	m/min	根据具体的材料和厚度不同 as to detail material and thickness					

注意：可根据客户要求定做。Remarks: As to customer's different requirement .

FLY-ARM CUTTING TABLE

■ 悬臂式切割平台



X和Y轴我们选用台湾上银(HIWIN)或者德国亿孚(I+F)丝杆和直线导轨；
伺服驱动系统选择日本三菱。
X axis and Y axis we adopt HIWIN or I+F ball screw and guideway,
the servo motor to drive we adopt MITSUBISHI

数控水切割机悬臂式/CNC Water-Jet Cutting machine(X=Fly-arm type)						
参数 Parameters	单位Unit	YCWJ-X1520	YCWJ-X1530	YCWJ-X2030	YCWJ-X2060	YCWJ-X2080
有效的切割范围 Efficient Cutting area	mm	1500×2000	1500×3000	2000×3000	2000×6000	2000×8000
	X	mm	1500	1500	2000	2000
	Y	mm	2000	3000	3000	6000
各轴行程 Axis travel	Z	mm	150-180	150-180	150-180	150-180
	mm					
切割精度 Cutting accuracy	mm	+/- 0.1				
重复定位精度 Positioning accuracy	mm	+/- 0.02				
X,Y空运行速度 X,Y dry-run speed	m/min	0-12(如果需要0-20m速度, 可定做) 0-12 (if need 20m/min speed ,we can do as request)				
切割速度 Cutting speed	m/min	根据具体的材料和厚度不同 as to detail material and thickness				

注意：可根据客户要求定做。Remarks: As to customer's different requirement .

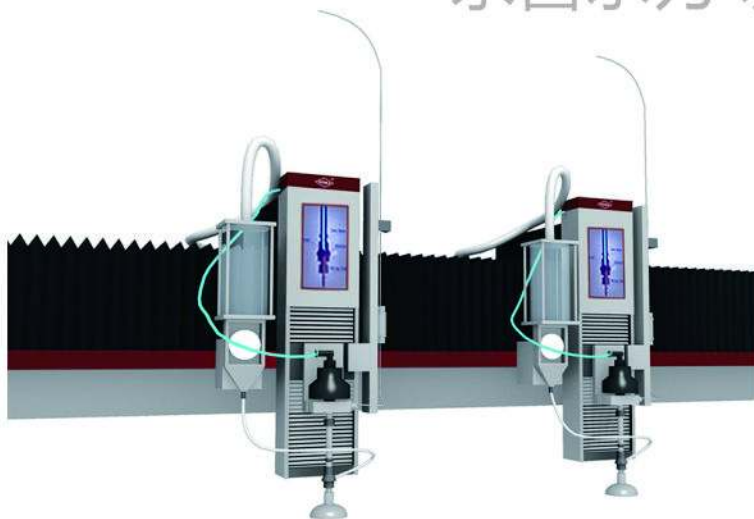
DOUBLE CUTTING HEADS

■ 双头切割平台

双刀头切割：
双刀头或多刀头是指一台切割平台上有两个或多个刀头，同时执行相同轨迹切割任务。
主要针对批量大、工件小、在等能的能耗下可增加一倍的产能。
Double cutting heads:
Double cutting head or multiple cutting head means have two or more cutting heads on cutting platform,
That at the same time can perform the cutting task with same track.
Mainly for large quantities of small parts, the capacity can be doubled under equivalent energy consumption.

YC WATERJET

永昌水刀·切割专家



WEIHONG-V9 SYSTEM

■ WEIHONG-V9 系统

WEIHONG-V9 水刀操作系统我公司在多年水射流切割控制领域丰富工作经验的基础上，研发的新一代控制系统。主要具有以下功能：

- 可直接支持 UG、MASTERCAM、AUTOCAD 等多种 CAD/CAM 软件生成的 G 代码、PLT 代码
- 码格式和 ENG 代码格式、DXF 文件格式
- 断点继续、程序跳断执行
- 小孔径、小圆弧、尖角、转角自动减速、暂停等功能
- 图形实时模拟、仿真
预测加工时间、预先装载加工轨迹、动态显示跟踪

WEIHONG-V9 system is especial used for CNC waterjet cutting area, as to our years experience, this system can meet your most requirement, its features as following: Support G code generated from UG, MASTERCAM, AUTOCAD etc. DXF, PLT, ENG Format. Support advanced auto function of breakpoint memory and jump perform of program block. Small hole, small arc, corner deceleration, pause function. Support simulation function. Support to display file process information, such as process time, path, process range.



YCWJ-NC9000 系统



- 氧气切割，等离子弧切割
- 水切割，激光切割和钻孔
- 可达到 16 轴控制
- 龙门轴操控
- 5 轴割炬控制
- AMD 硬件结构
- 工控机，高性能，低功耗
- 显示器：15 “液晶显示器 – 集成触摸屏
- 外设接口：EtherCAT
- 节点 EtherCAT 控制 EcsLink，
- MECHATROLINK®1 和 2，SERCOS®1，Profinet®1 和模拟驱动
- 多达 2048 个 EtherCAT I/O 端口
- 模块机械面板（可选）
- 字母数字键盘（可选）

oxygen lance cutting, plasma arc cutting, waterjet cutting, laser cutting and drilling
Up to 16 controlled axes
Management of Gantry axes
5-axis cutting torch management
Hardware Architecture based on AMD (Industrial) Mobile, which combines high performance with low power consumption
Monitor 15" LCD – Integrated Touch Screen
Peripheral interface: EtherCAT
Node EtherCAT to manage EcsLink, Mechatrolink®1 and 2, Sercos®1, Profinet®1 and analogic drives
Up to 2048 I/O with EtherCAT
Modular machine panel (Optional)
Alphanumeric keyboard (Optional)



高压系统 / 超高压发生器

HIGH PRESSURE SYSTEM



高压系统: YCWJ-3038 (半进口配置)	HP system: YCWJ-3038 (semi imported configuration)
最高压力: 380Mpa	max. pressure: 380Mpa
最大流量: 3.7L/min	max. flowrate: 3.7L/min
系统功率: 30KW/40HP	electrical power: 30KW/40HP
电源: 380VAC, 50Hz, 3相 (可定制)	voltage: 380VAC, 50HZ, 3PH (customized)
部分关键部件选配进口配置	some key parts adopt imported parts



高压系统: YCWJ-3742S (全进口配置)	HP system: YCWJ-3742S (fully imported configuration)
最高压力: 420Mpa	max. pressure: 420mpa
最大流量: 3.7L/min	max. flowrate: 3.7L/min
系统功率: 37KW/50HP	electrical power: 37KW/50HP
电源: 380VAC, 50Hz, 3相 (可定制)	voltage: 380VAC, 50HZ, 3PH (customized)
全进口增压器总成 (美国 Accustream/Hypertherm)	intensifier assembly is fully imported from Accustream/Hypertherm



高压系统: YCWJ-7542 (双泵高压系统)	HP system: YCWJ-7542 (dual-intensifier HP system)
最高压力: 420Mpa	max. pressure: 420mpa
最大流量: 7.4L/min	max. flowrate: 7.4L/min
系统功率: 75KW/100HP	electrical power: 75KW/100HP
电源: 380VAC, 50Hz, 3相 (可定制)	voltage: 380VAC, 50HZ, 3PH (customized)
全进口增压器总成 KMT (美国 H2O)	intensifier assembly is fully imported from KMT (H2O USA)





高压系统 / 超高压发生器

HIGH PRESSURE SYSTEM

■ 高压系统



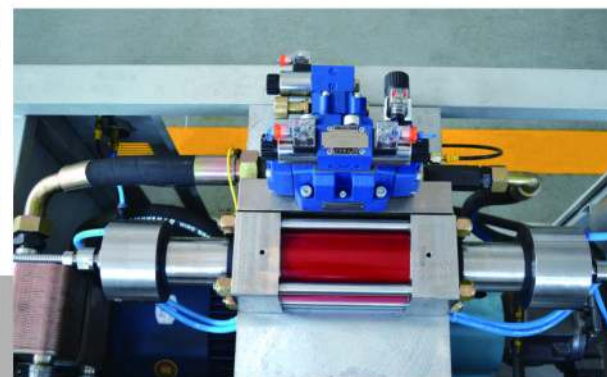
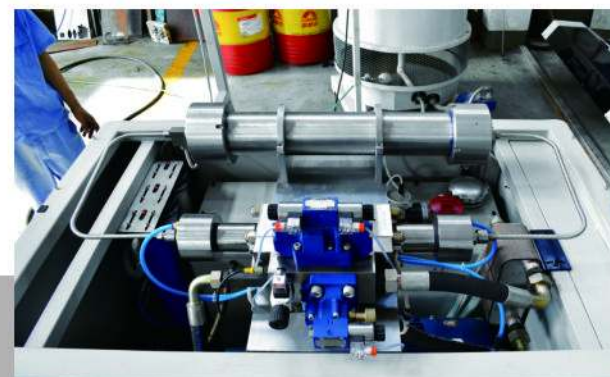
主要特点

- 控制: PLC基本控制
- 换向方式: 电子液压控制
- 冷却方式: 水冷 (板式油水热交换器)
- 进水过滤精度: $\leq 0.45 \mu m$
- 回油过滤精度: $20 \mu m$
- 工作环境稳定: $0-60^{\circ}C$
- 高压出口连接: UNF3/8
- 冷却进出口连接: NPT 1"
- 最大使用喷嘴直径: 0.33mm

Main Features:

- Control: PLC
- Shifting: electro-hydraulic control
- Cooling: cooler/oil heat exchanger
- In let water filter accuracy: $\leq 0.45 \mu m$
- Oil-return filter accuracy: $20 \mu m$
- Working temp: $0-60^{\circ}C$
- Outlet: UNF 3/8"
- Cooling in/out-let: NPT1"
- Max orifice size: 0.33mm

全进口
高压系统
Imported
HP Pump



4轴水射流切割机 (石材专用)

4 AXIS WATERJET CUTTING MACHINE (SPECIALIZED FOR STONE MOSAIC)



偏摆轴: $\pm 5^{\circ}$

4轴水刀在大理石的拼花加工过程中有着更加令人可喜的效果, 因为刀头有5度的倾斜角, 无需二次打磨, 切割完成的图形在进行拼接时就能呈现上表面没有缝隙, 下表面缝隙较大的情况, 易于打胶, 降低了加工成本提高了加工效率, 更重要的是提高了拼花的质量。

同样在切割玻璃直孔应用中效果显著, 例如在切割玻璃面板上的一些通孔时, 不再依靠降低切割速度来实现直孔的加工, 在不改变加工速度的情况下, 就可达到理想的效果, 给加工带来的效益是非常明显的。

Tilting axis: $\pm 5^{\circ}$

4 axis water jet has a more gratifying effect in marble mosaic processing. When the cutting head keep 5 degrees, the section will be different. when we combine the two cutting blocks, there is no gap on the upper surface, and a little big gap exists on the lower surface. So there is no need to manually secondary polishing, reducing processing costs, improve effectiveness. the more important is to improve the quality of mosaic, so this 4 axis machine makes it much easier to achieve complex mosaic production.

It also has a remarkable effect in cutting glass straight holes application. For example, when we cut straight holes on glass, we can keep the same speed to achieve the desired effect.



small gap on the front



facade



big gap on the back, easy to glue



动态5轴水射流切割

DYNAMIC 5AXIS WATER JET CUTTING



动态5轴水射流切割技术是4轴水射流的升级，广泛应用于金属及石材的加工，保证金属切割边缘的垂直度和石材拼花工艺。角度补偿最大为 $\pm 10^\circ$ 。

Dynamic 5-axis water jet cutting technology is upgraded from 4-axis water jet, widely used in metal and stone processing, It keeps the squareness of edges of metal cutting and stone mosaic. The maximum compensation angle of $\pm 10^\circ$.



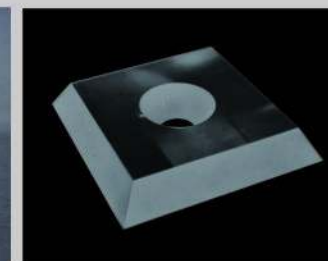
Max 5系列五轴联动水射流切割系统

MAX 5 SERIES 5AXIS WATERJET CUTTING SYSTEM

随着近年来在控制和运动技术，五轴联动数控水射流切割（磨料和纯净水）已经成为现实。凡正常水射流轴5轴系统被命名为X（前后），Y（左右）和Z（上下），将增加额外的A轴（垂直角度）和C轴（绕Z轴的旋转）。

5轴切割开辟了广泛的应用，可以做水刀。它仍然是一个相对较新的技术，五轴水切割系统是我公司为高端加工行业提供的全新切割理念。

偏摆轴(A): $\pm 45^\circ$ 旋转轴(C): $\pm 540^\circ$
控制精度: $\pm 0.01\text{mm}$ 角度控制精度: 0.01°



5-axis cutting opens up a wide range of applications that can be done on waterjet. As it is still a relatively new technology, Our 5axis cutting system provides New idea for high-end processing industry.

Bevel axis (A): $\pm 45^\circ$ Rotary axis (C): $\pm 540^\circ$
Control accuracy: $\pm 0.01\text{mm}$ Angle accuracy: 0.01°

With recent advances in control and motion technology, 5-axis CNC waterjet cutting (abrasive and pure water) has become a reality. Where the normal axis on a water jet are named X (back/forth), Y (left/right) and Z (up/down), a 5-axis system will add an additional A-axis (angle from perpendicular) and C-axis (rotation around the Z-axis).

11 YC
Industry
Equipment
12





机器人水射流切割系统

ROBOT WATERJET CUTTING SYSTEM



机器人超高压水切割系统由机器人系统、超高压系统、软化水处理系统、真空吸附及废水废料分离排放系统、安全防护系统、电器控制系统以及定位模具等部分组成。

采用高精度6轴水切割专用加长臂机器人系统为执行机构，超高压系统为切割能源、模具为工件定位，以纯水切割方式实现内饰件的边缘轮廓线切割和定位打孔，使工件和废料分离，所有加工一次完成。



主要用于切割不规则的曲线，它具有切口平整、一致性好的优点。该系统自动高效，智能化柔性操控具有很好的适用性，通过更换定位模具，即可更换加工品种，实现大批量、多品种切割，而且还具有节能、环保、经济、可靠、操作维护方便等优点，是我公司为解决汽车顶棚、汽车地毯等内饰切割而专门开发的机器人切割系统。

相对磨料切割而言，纯水切割拥有更快的切割速度，可用于各类塑料、合成建筑板材、泡沫材料等。在切割汽车内饰件的应用中尤其发挥了其显著的优势，成为汽车配件厂家的最佳解决方案。

Robot ultra-high pressure water cutting system consists of the robot system, superhigh pressure system, softened water treatment system, vacuum adsorption and wastewater discharge waste separation system, safety protection system, electric control system and the positioning mould parts.

6 axis water cut with high precision special extended arm robot system as the actuator, superhigh pressure system for cutting energy, mould for workpiece positioning, in pure water cutting way realization of inner decoration edge contour line and ps, and waste separation of components, all processing at one time.

It is mainly used for cutting the irregular curve, it has advantages of incision smooth, good consistency. The system automatically efficient, intelligent flexible control has good applicability, by changing the positioning mould, can change the processing varieties, and implement mass, many kinds of cutting, but also energy saving, environmental protection, economic, reliable and convenient operation and maintenance, is my company in order to solve the car roof, car carpet and trim cutting and cutting system specially developed robots.

In terms of relative abrasive cutting, pure water has a faster cutting speed, cutting can be used for all kinds of plastic, synthetic material, foam, etc. Especially in the application of cutting car inner decoration has played a significant advantage, become the best solution for auto parts manufacturer.



可选配置

OPTIONAL ACCESSORIES

★ 厂家推荐



自动供砂系统
Auto Abrasive Delivery System

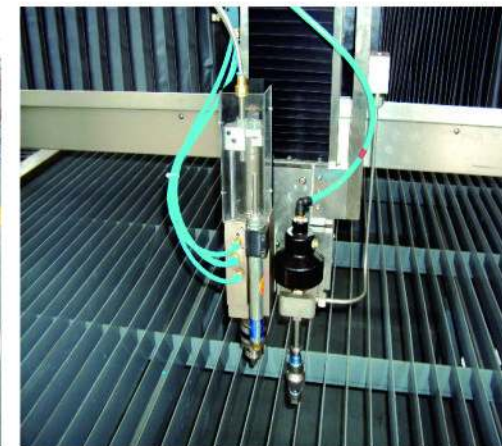
★ 厂家推荐



自动循环水冷却系统
Auto Water Recycle Cooling System



自动清淤系统
Auto Sullage Removal System



带钻切割头
Cutting Head With Drilling Function

可选配置
OPTIONAL
ACCESSORIES



自动水软化系统
Water Soften System



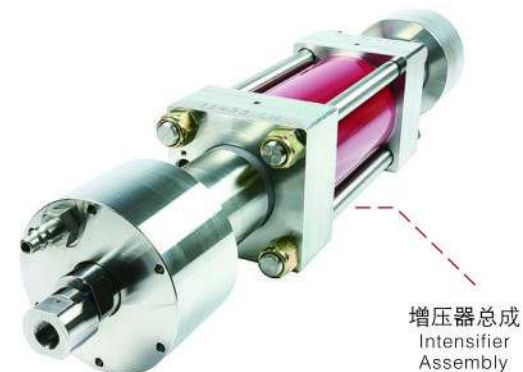
风冷式水冷机
Air cooled chiller

有线手轮&无线手轮
Handheld Controller&Wireless Handheld Controller



翻转架
Flip frame





增压器总成
Intensifier
Assembly



高压缸
High pressure cylinder



陶瓷活塞杆
Ceramic plunger



出水阀体
Check valve outlet body



换向阀
Shift valve



单向阀本体
Check valve main body



活塞
Piston



电子换向传感器
Electronic shift sensor assembly



高压密封
Hp seals assembly



单向阀维修包
check valve repair kit



低压油封
Low pressure seals



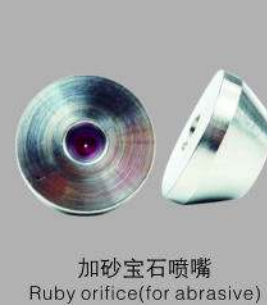
切割头总成
Cutting head assembly



砂管
Nozzle



混砂室
Mixing chamber



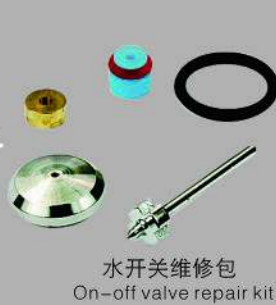
加砂宝石喷嘴
Ruby orifice(for abrasive)



纯水宝石喷嘴
Ruby orifice(for pure water)
sapphire orifice



气缸套件
Air actuator repair kit



水开关维修包
On-off valve repair kit

CNC FLAME / PLASMA CUTTING MACHINE

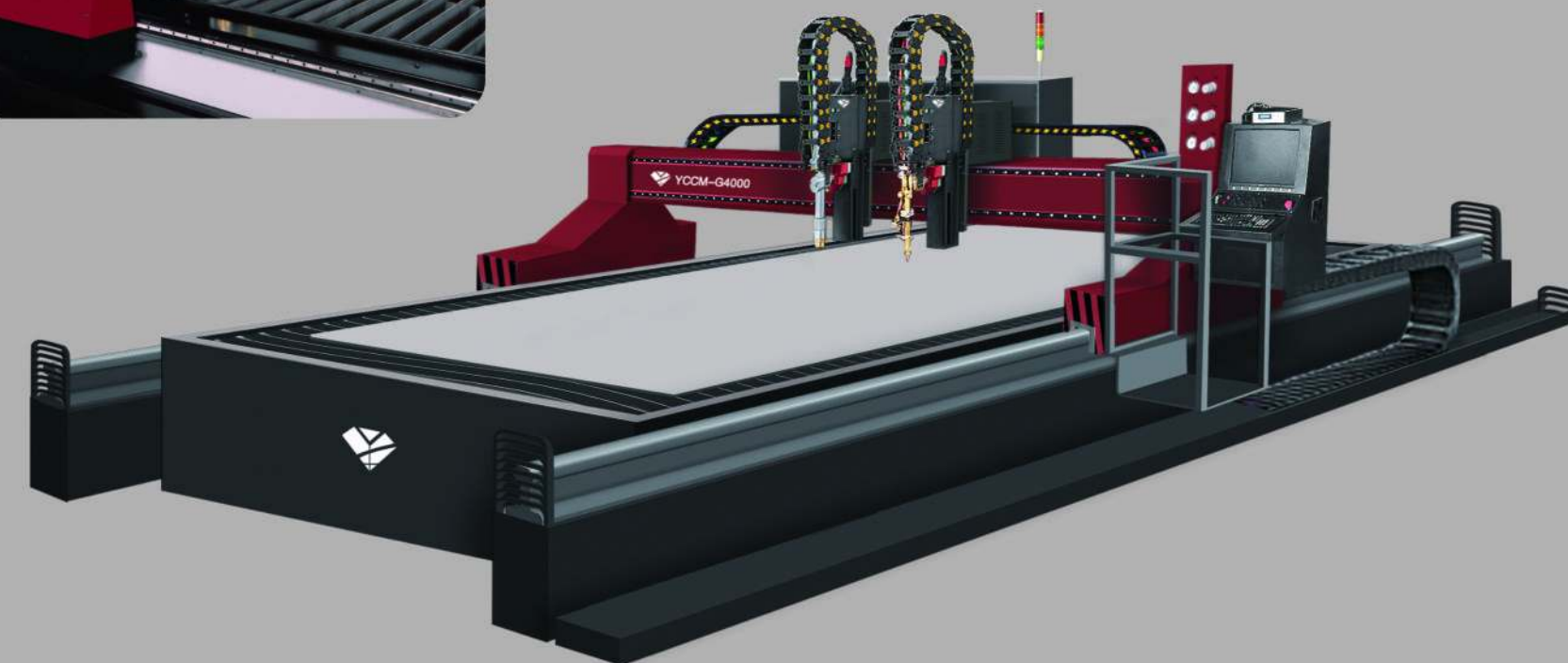
■ **数控火焰等离子切割机**

产品尺寸: X轴有效切割行程: 2000mm-8000mm

Y轴有效切割行程: 6000mm-45000mm (单节导轨长度3000mm)

X axis travel: 2000mm-8000mm

Y axis travel: 6000-45000mm (single guiderail length 3000mm)



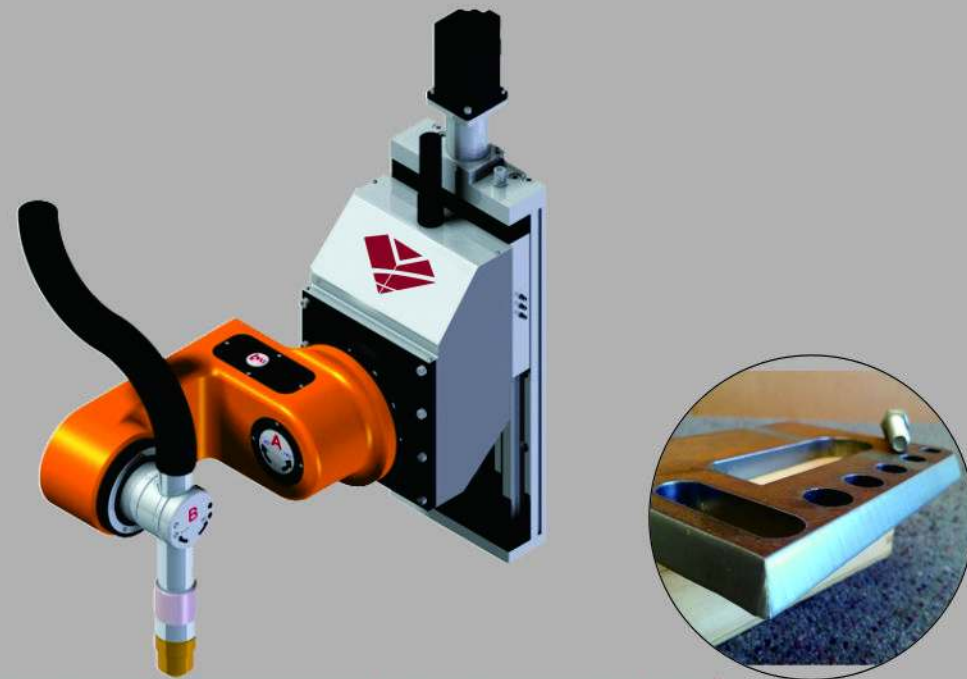


5轴等离子切割机

5 AXIS PLASMA CUTTING MACHINE

切割头可作一个A,V,K,Y渐进的斜角坡口切割。可配合海宝HPR精细等离子切割系统在低碳钢切割最大 $\pm 45^\circ$ 坡口。旋转轴配置交流伺服电机和低背隙行星齿轮箱的输出直接由齿轮箱驱动。

The cutting head can make A, V, Y, K, Y and gradual bevel cuts. Cuts may be made up to 45° on mild steel with the Hypertherm HPR plasma cutting system. Rotational axes are configured with AC servo motors and low backlash planet-ary gearboxes with outputs directly driven from the gearbox.



CNC 控制系统

CNC CONTROLLER



永昌 YC-NC9000B 系统 / YC-NC9000B controller

YC-9000B 是我公司开发的专用于火焰/等离子切割的控制系统，该系统的界面设计、切割速度和运动控制结合国内外的先进技术、工艺性能全面，操作方便，是切割加工中具有智能化的系统。

YC - 9000B was developed by our company that is dedicated for the flame/plasma cutting control system, the system's interface design and motion control combines domestic and foreign advanced technology, comprehensive performance and convenient operation, it is a intelligent system for cutting processing.

美国海宝控制系统 / Hypertherm CNC controller

MicroEDGE Pro 和 EDGE Pro 控制器将海宝的最新硬件和 Phoenix 软件技术融为一体，可针对各种应用进行自定义。以可靠性和易用性为中心进行设计，大幅提高切割质量、生产效率和盈利能力。

Designed to be flexible and easy to use, the EDGE Pro delivers reliable performance for improved profitability and application performance such as True Hole technology. Using Phoenix software, this CNC improves cut quality and productivity by delivering our expertise directly to your factory, making it as if you have your best operator on every shift.



美国海宝 MicroEDGE Pro
Hypertherm MicroEDGE Pro



美国海宝 EDGE Pro
Hypertherm EDGE Pro



数控火焰等离子切割机 / 可选配置

CNC FLAME / PLASMA CUTTING MACHINE / OPTIONAL ACCESSORIES

空气等离子系统 AIR PLASMA



Powermax45/Powermax65
/Powermax85/Powermax105

空气和氧气等离子系统 LONGLIFE AIR AND OXYGEN PLASMA



MAXPRO200/HySpeed HSD130

高性能等离子系统 HYPERFORMANCE PLASMA



HPR130/HPR260/HPR400/HPR800

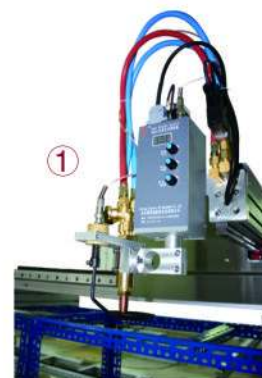
* 可以根据客户需求选择其他等离子品牌：美国飞马特、德国凯尔贝等。

According to customers' require, we can supply other brands of the plasma power, like THERMADYNE (USA), Kjellberg (German) etc.

HEIGHT ADJUSTMENT SYSTEM

可选配置-调高系统

- ① 电容式自动调高装置
- ② 弧压式自动调高装置
- ③ 海宝高度控制器
- ① Capacitance style automatic height controller
- ② Arc automatic adjust-upwards device
- ③ Hypertherm height controller



如今水射流切割已经成为一种新型的生产设备，在航空航天，军工，造船，汽车，工程机械，轻工，化工等行业，能源，装饰和食品加工行业等广泛应用。到现在为止，我们的产品已出口到全世界40多个国家和地区。

Water jet cutting has become a new manufacturing equipment in the aerospace, military, shipbuilding, automobile, engineering machinery, light industry, chemical industry, energy, decoration and food processing industries etc. Our products have been exported to more than 40 countries and regions in the world up to now.