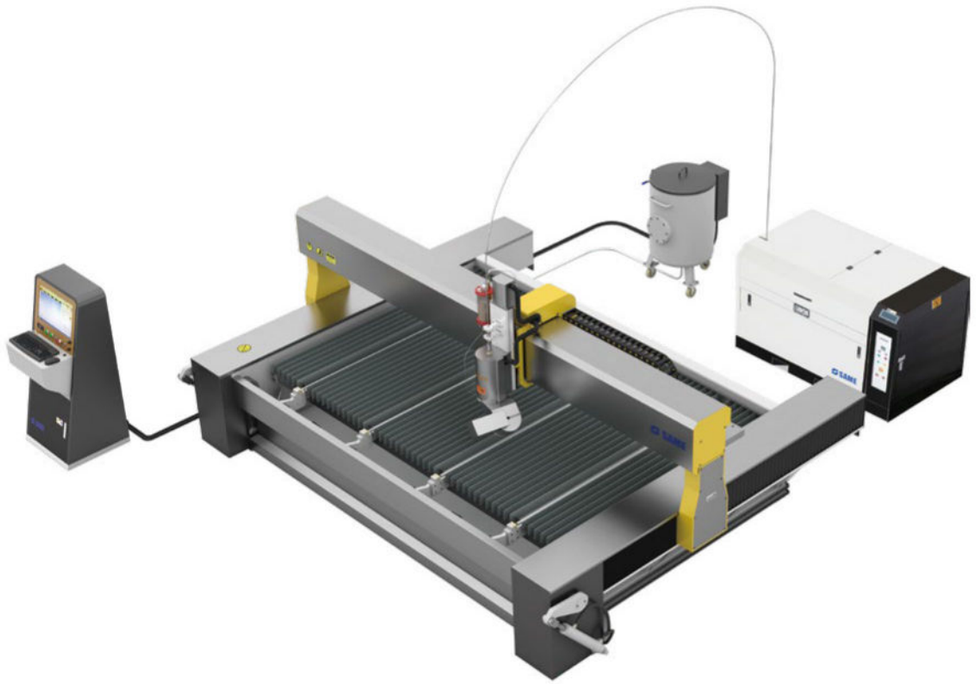
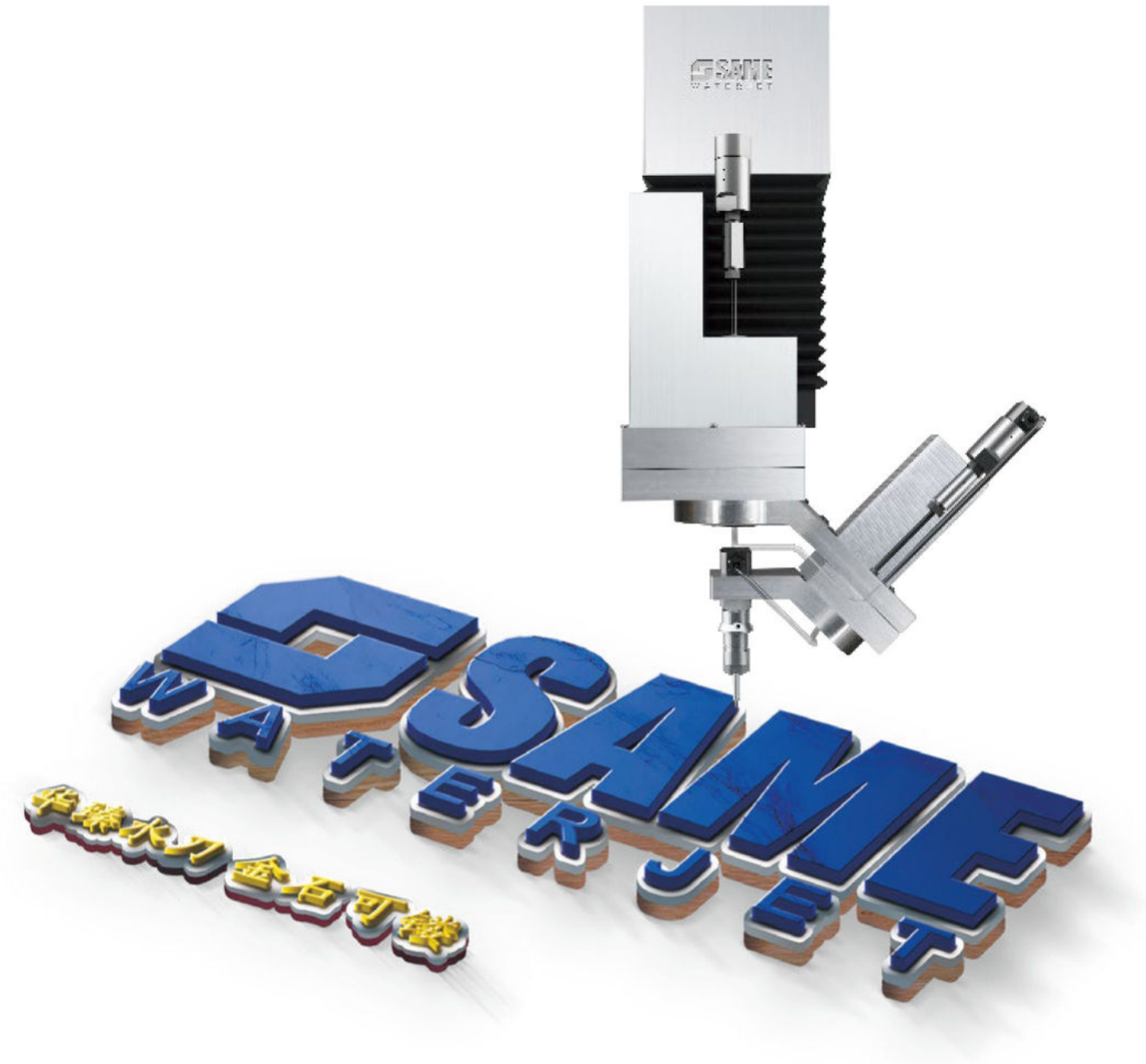


SAME WATERJET

SPECIALIZING IN THE PRODUCTION OF ULTRA-HIGH PRESSURE WATERJET CUTTING MACHINES



始创于 SINCE 1997

SAME® 广州华臻机械设备有限公司
GUANGZHOU SINO ACHIEVE MECHANICAL EQUIPMENT CO.,LTD.

地址：广州市花都区赤坭镇培正路 34 号
Add : NO.34 Peizheng Road, Chini Town, Huadu District, Guangzhou, China
电话 Tel: +86-020-86718082(DOMESTIC) 89680086(INTERNATIONAL)
传真 Fax: +86-020-86713493
邮箱 Email : info@swaterjet.com
网址 Web : https://swaterjet.com www.samewaterjet.com

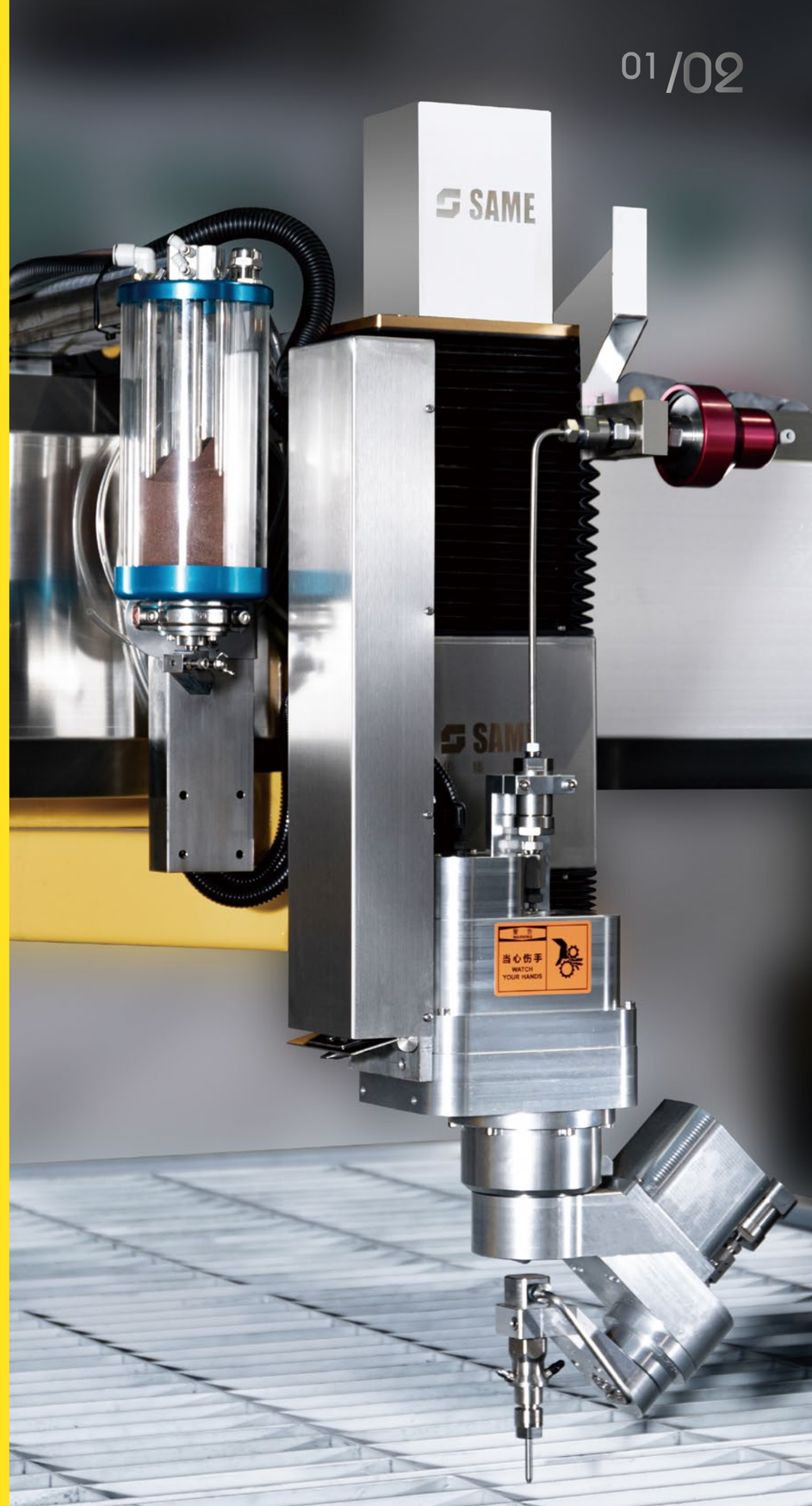
Website

SINO ACHIEVE

公司简介 Company Profile

广州华臻机械设备有限公司成立于 1997 年，中国最早的水刀生产厂家之一，同年与中国机械装备集团合肥通用机械研究院合作，研制出中国第一台直驱式水刀，获得广东省科技进步奖，中央电视台以此为题材拍摄纪录片《神奇的水柱》在 " 星火科技 " 栏目中播出。多年来，华臻人专注于水射流技术，积极参与国家科研项目，拥有强大的研发、生产、销售和服务团队。产品遍布全国，并远销德国、日本等八十多个国家和地区。

GUANGZHOU SINO ACHIEVE MECHANICAL EQUIPMENT CO., LTD was established in 1997. It is one of the earliest waterjet manufacturers in China. In the same year, it cooperated with China National Machinery Equipment Group Hefei General Machinery Research Institute to develop China's first direct-drive waterjet and obtained Guangdong Science and Technology Progress Award. For the award, the documentary "Magical Water Column" shot by CCTV on this subject was broadcast on the "Spark Technology" column. For many years, we have focused on water jet technology, actively participated in national scientific research projects, and have a strong R&D, production, sales and service team. The products are spread all over the country and exported to more than 80 countries and regions such as Germany and Japan.



科研能力
SCIENTIFIC RESEARCH ABILITY

★ 参与制定中国首部水刀国家标准《超高压水切割机 GB/T26136-2010》。
★ 参与制定中国机械行业标准《机器人超高压水切割机 JB/YT13245》。
★ 国家 863 计划《复合及特种耐高温材料超高压水射流加工装备与工艺》课题承担单位。
★ 国家重点研发计划《超高压水切割深海破拆装备研制》课题承担单位。
★ 核心技术团队由水射流行业资深专家组成，其中全国标准化技术委员会委员两名，副省级高层次人才两名，获得三十余项国家专利。

★ Participate in the formulation of China first national standard for water jet (ultra-high pressure water jet cutting machine GB/T26136-2010).
★ Participate in the formulation of China machinery industry standards (robot ultra-high pressure water jet cutting machine (JB/YT13245).
★ Member of China 863 plan for (ultra-high pressure water jet processing equipment technology for composite and high-temperature resistant materials).
★ Member of China research and development plan for (ultra-high pressure water cutting for deep sea breaking equipment research and development).
★ The core technical team is composed of senior experts in the water jet industry, including two members of the national standardization technical committee and two deputy high-level talents at the provincial level. More than 30 national patents have been obtained.

获得荣誉 WIN HONOR

★ 中国机械工业科学技术奖　一等奖　★ Science and Technology Award of China Machinery Industry : First prize
★ 中国机械工业集团科学技术奖　一等奖　★ Science and Technology Award of China National Machinery Industry Corporation: First prize
★ 广东省科技进步奖　三等奖　★ Guangdong Province Science and Technology Progress Award: Third prize
★ 广州市科技进步奖　二等奖　★ Guangzhou Science and Technology Progress Award: Second prize

国家标准起草单位
National Standard Drafting Unit

广州市著名商标
Famous Trademark of Guangzhou

欧盟 CE 认证
European CE Certification

国家高新技术企业
China High-Tech Enterprise

ISO9001 国际质量体系认证
ISO9001 International Quality System Certification

合作伙伴
COOPERATION PARTNER

Rexroth Bosch Group　SIEMENS　Schneider Electric　OMRON
KMT WATERJET　AccuStream　ATTI Robotics　IGEMS
YASKAWA　TBIMOTION　HIWIN Motion Control and System Technology　BECKHOFF

企业资质 Enterprise Qualification

★欧盟 CE 认证
★广州市著名商标
★国家高新技术企业
★广东省高新技术产品
★ ISO9001 国际质量体系认证
★广东省玻璃工业协会玻璃机械装备分会副会长
★全国泵标准化技术委员会容积泵分会
★全国喷射设备标准化技术委员会

★ European CE certification
★ Famous trademark of Guangzhou
★ China high-tech enterprise
★ High- tech products of Guangdong province
★ ISO9001 international quality system certification
★ Vice President of glass machinery equipment branch of Guangdong glass industry association.
★ Positive Displacement Pump Branch of National Pump Standard Committee
★ National Technical Committee for Standardization of Jet Equipment

企业篇
ENTERPRISE

Waterjet cutting machine for sintered stone slabs
岩板深加工专用水刀套机（50HE-4020L-5XAC）

4020 GANTRY
AC FIVE-AXIS WATERJET

4020 龙门式 AC 五轴水刀

特点描述 / FEATURES

★ 解决岩板深加工领域除磨边外的所有加工问题
★ 智能化程度高，图形导入后全程自动加工
★ 冷态切割，加工过程不发热，有效降低破损率

★ Processing all procedures except grinding edge in deep processing of sintered-stone slabs
★ High intelligence, automatic cutting in the whole process after graphics input
★ Cold cutting, no heat affected zone during processing, effectively reducing damage rate

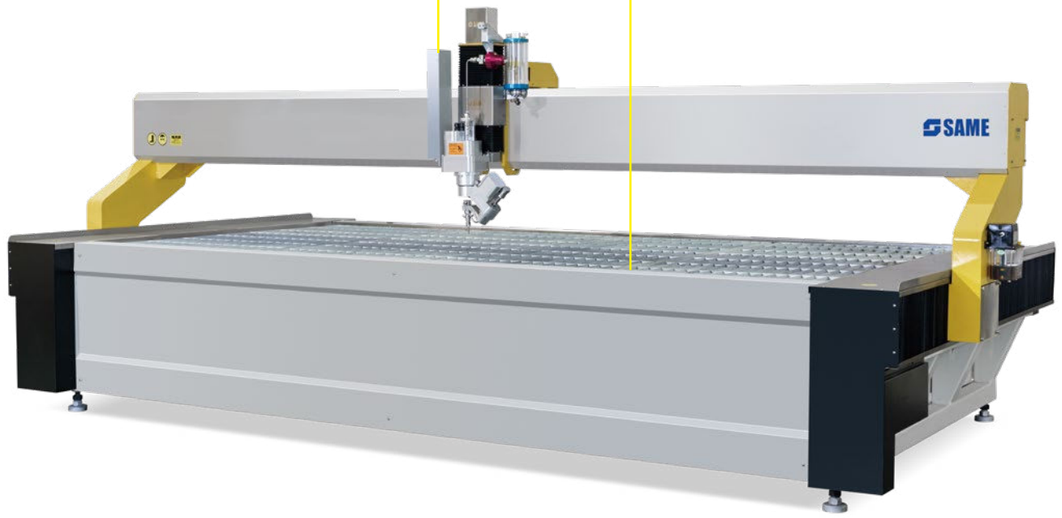
CNC 控制系统
CNC control system

自动供砂系统
Automatic abrasive feeder

50HE 液压式超高压泵
50HE Hydraulic ultra-high pressure pump

AC 五轴切割刀头
AC five-axis cutting head

4020 龙门式切割平台
4020 Gantry type cutting working table



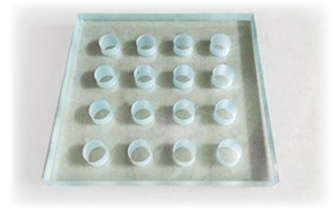
Waterjet cutting machine for glass deep processing

玻璃深加工专用水刀套机 50HE-3020-3X

3020 CANTILEVER

THREE-AXIS WATERJET

3020 悬臂式三轴水刀



特点描述 / FEATURES

★ 高强度悬臂结构，可从三面上料，更容易实现自动化连线
★ Windows 平台，智能化程度高，可接入工厂的 ERP 系统
★ 低压打孔，高压切割，完美解决玻璃加工打孔容易开裂的难题

★ High strength cantilever structure, loading material from three sides, easier to realize connecting automatic line
★ Windows system, high intelligence, can access to the factory's ERP system
★ Low-pressure piercing and high-pressure cutting, perfectly solve the problem of easy cracking in the process of glass cutting

3020 悬臂式切割平台
3020 Cantilever type cutting working table

CNC 控制系统
CNC control system

自动供砂系统
Automatic abrasive feeder

50HE 液压式超高压泵
50HE Hydraulic ultra-high pressure pump

Waterjet cutting machine for stone/ceramic tiles inlay
石材陶瓷拼花专用水刀套机 (50HE- 3020L-5XAB)

3020GANTRY
AB FIVE-AXIS WATERJET
3020 龙门式 AB 五轴水刀

特点描述 / FEATURES

★多重防尘系统有效阻隔水砂进入
★总线伺服系统实现精准切割
★自动润滑系统

★ Multiple dust proof system, effectively blocking water and abrasive
★ NC servo system for precise cutting
★ Automatic lubrication system

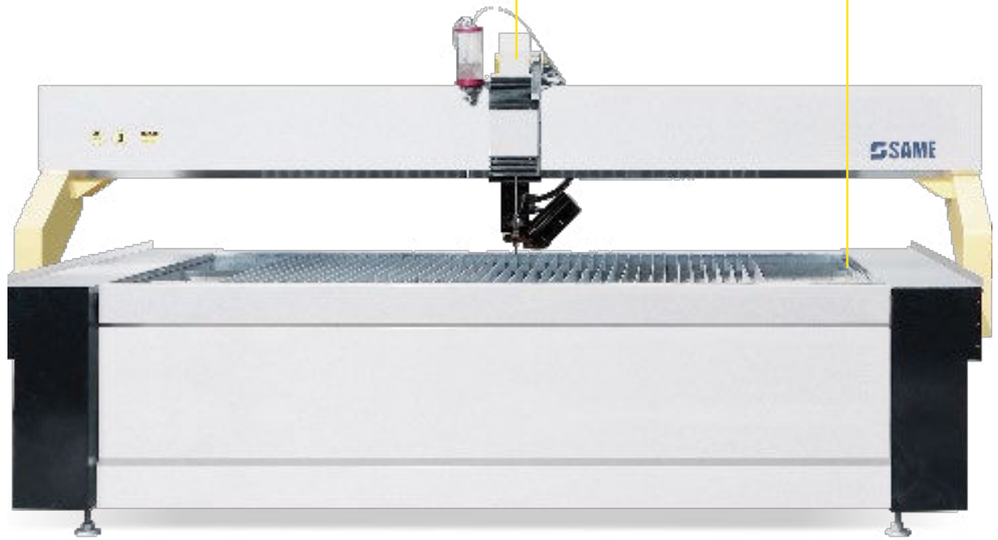
CNC 控制系统
CNC control system

自动供砂系统
Automatic abrasive feeder

50HE 液压式超高压泵
50HE Hydraulic ultra-high pressure pump

AB 五轴切割刀头
AB five-axis cutting head

3020 龙门式切割平台
3020 Gantry type cutting working table



Waterjet cutting machine(dual heads)for mosaic
马赛克专用水刀套机（双刀头）(50HE-2516L-3X）

2516WATERJET
CUTTING MACHINE FOR MOSAIC
2516 马赛克专用水刀套机

特点描述 / FEATURES

★针对马赛克行业量身打造
★切割速度最快可达 18 米 / 分
★不锈钢多重防尘系统，适应于各种恶劣的工作环境

★ Tailored for the mosaic industry
★ The fastest cutting speed up to 18 m/min
★ Stainless steel multiple dust-proof system, suitable for all kinds harsh working condition

CNC 控制系统
CNC control system

50HE 液压式超高压泵
50HE Hydraulic ultra-high pressure pump

自动供砂系统
Automatic abrasive feeder

2516 龙门式双刀头切割平台
2516 Gantry type dual-head cutting working table

双刀头
Dual cutting heads

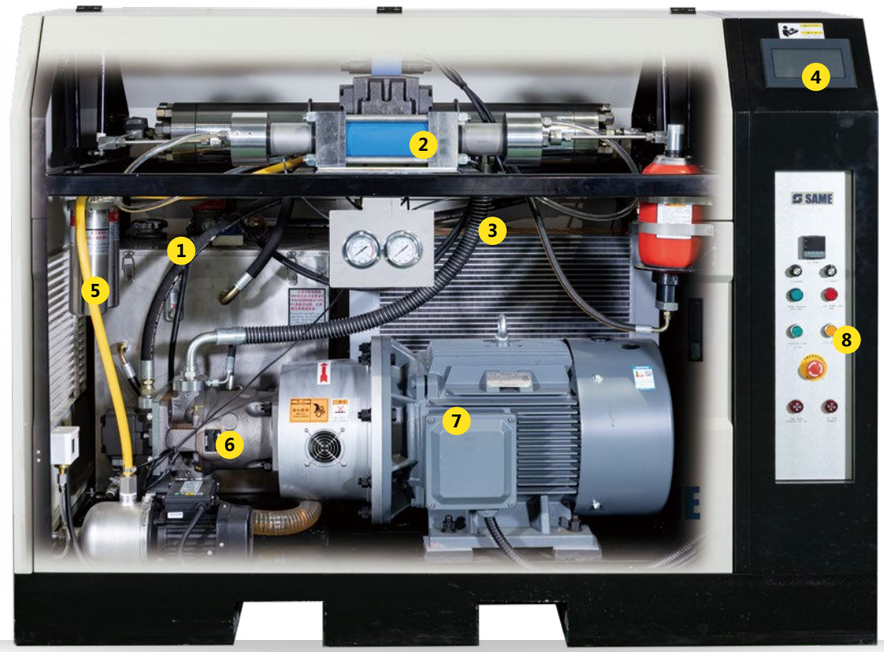
50HE

增压器式超高压泵（风冷）

ULTRA-HIGH PRESSURE PUMP WITH INTENSIFIER(AIR COOLING)

- 按照 CE, ISO9001 国际标准设计
- 采用高性能液压泵
- 进口 PLC 系统及人机对话窗口
- 可设置两级压力，适应各种材料切割
- 内置风冷系统，无需外接冷却水源

- Designed based on CE and ISO9001 standards
- Adopt high performance hydraulic pump
- Imported PLC system and friendly man-machine interface
- Setting two levels pressure for cutting different kind of materials
- Built-in air cooling system, no external cooling water source



1

伺服电液比例阀
Servo electro-hydraulic proportional valve

不锈钢液压油箱
Stainless steel hydraulic oil tank

2

水刀专用电液换向阀
Special electro-hydraulic reversing valve for waterjet

3

风冷却系统
Air-cooling system

4

人机对话窗口
Man-machine interface

5

不锈钢供水、过滤系统
Stainless steel water supply and filtration system

6

高性能变量柱塞泵
High performance variable piston pump

7

三相异步电动机 IP55
Three-phase asynchronous motor IP55

8

软起动器
Soft starter

性能技术参数 / TECHNICAL PARAMETER

外形尺寸（长 * 宽 * 高）Dimension(L*W*H)	1800*1000*1400(mm)
重量 Weight	1130kg
电机功率 Power rate	37kW/50HP
最高输出压力 Max. Pressure	420MPa/4200bar
持续工作压力 Working pressure	300-350MPa
最大水流量 Max. Flow rate	3.7L/min
最大宝石喷嘴孔径 Max. Orifice	ϕ0.35mm
工作电源 Power supply	380V 50Hz
供水流量 Water supply	≧15.1L/min
供水压力 Water pressure	≧0.1MPa

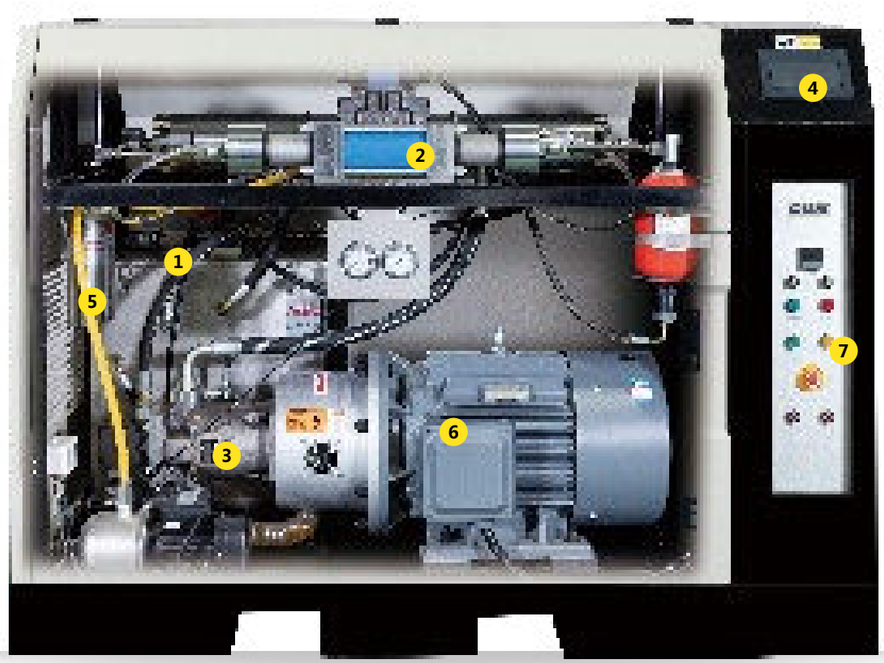
50HC

增压器式超高压泵（水冷）

ULTRA-HIGH PRESSURE PUMP WITH INTENSIFIER(WATER COOLING)

- 按照 CE, ISO9001 国际标准设计
- 采用高性能液压泵
- 进口 PLC 系统及人机对话窗口
- 可设置两级压力，适应各种材料切割
- 采用高效率的外置水冷却系统

- Designed based on CE and ISO9001 standards
- Adopt high performance hydraulic pump
- Imported PLC system and friendly man-machine interface
- Setting two levels pressure for cutting different kind of materials
- Adopt high efficiency external water cooling system



1

伺服电液比例阀
Servo electro-hydraulic proportional valve

不锈钢液压油箱
Stainless steel hydraulic oil tank

2

水刀专用电液换向阀
Special electro-hydraulic reversing valve for waterjet

3

高性能变量柱塞泵
High performance variable piston pump

4

人机对话窗口
Man-machine interface

5

不锈钢供水、过滤系统
Stainless steel water supply and filtration system

外置水冷却系统（选配）
External water cooling system(optional)

6

三相异步电动机 IP55
Three-phase asynchronous motor IP55

7

软起动器
Soft starter

性能技术参数 / TECHNICAL PARAMETER

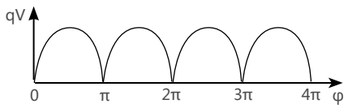
外形尺寸（长 * 宽 * 高）Dimension(L*W*H)	1800*1000*1400mm
重量 Weight	1130kg
电机功率 Power rate	37kW/50HP
最高输出压力 Max. Pressure	420MPa/4200bar
持续工作压力 Working pressure	300-350MPa
最大水流量 Max. Flow rate	3.7L/min
最大宝石喷嘴孔径 Max. Orifice	ϕ0.35mm
工作电源 Power supply	380V 50Hz
供水流量 Water supply	≧15.1L/min
供水压力 Water pressure	≧0.1MPa

HJ400

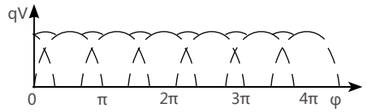
直联式超高压泵
DIRECT-DRIVE ULTRA-HIGH PRESSURE PUMP

- 节能专利技术，每小时实际耗电 5-10 度；
- 与液压增压器式高压泵比较，同等压力，切割效率提升 20%；
- 无液压传动环节，维修简单；
- 低能耗，大流量，高压力。

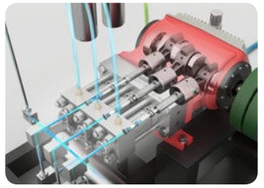
- Patented energy saving technology, consume 5kw-10kw of electricity per hour.
- Compare with the ultra-high pressure oil pump with intensifier, cutting efficiency increase by 20% at same pressure.
- No hydraulic transmission link, easy for maintenance.
- Low energy consumption, large flow rate and high pressure.

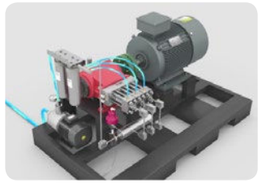


增压器的流量曲线



直联泵的流量曲线





性能技术参数 / TECHNICAL PARAMETER

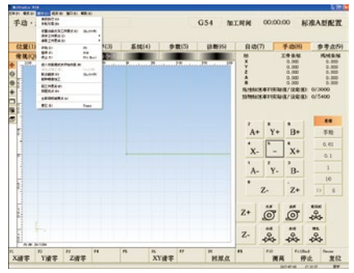
外形尺寸 (长 * 宽 * 高) Dimension(L*W*H)	1600*980*950mm
重量 Weight	600kg
电机功率 Power rate	18.5kW/25HP
最高输出压力 Max. Pressure	400MPa/4000bar
持续工作压力 Working pressure	200-300MPa
最大水流量 Max. Flow rate	4L/min
最大宝石喷嘴孔径 Max. Orifice	ϕ0.35mm
工作电源 Power supply	380V 50Hz
供水流量 Water supply	≧15.1L/min
供水压力 Water pressure	≧0.1MPa

CNC

控制系统
CONTROL SYSTEM

- 系统支持 DXF 文件无需 CAM 软件，降低编程难度，节省成本；
- 支持同一图形上不同线段的角度及速度设置，实现不同坡口的线段连续切割；
- 采用激光测高，有效解决接触测量导致岩板弯曲不平的问题；
- 对图形中不同倾角的邻线段采取优化走刀策略，保证较好的切割效果；
- 支持拆单软件及 CAD 刀路，实现不同倾角切割；
- 自动识别内孔和外框，实现优化运动切割；
- 支持不同倾斜角不同刀补，保证加工精度一致性；
- 支持图层方设置工艺参数，提高加工效率。

- System supports DXF files without CAM software, which reduces programming difficulty and saves costs.
- Support the angle and speed setting of different line segments on the same graph to realize continuous cutting of lie segments with different bevels.
- Laser height measurement is used to effectively solve the problem of uneven rock slab bending caused by contact measurement.
- Adopt an optimized cutting strategy for adjacent line segments with different inclination angles in the graph to ensure better cutting effect.
- Support splitting software and CAD tool path to realize cutting at different inclination angles.
- Automatically recognize the inner hole and outer frame to realize optimized cutting.
- Support different inclination angle and different tool compensation to ensure the consistency of cutting accuracy.
- Support layers to set process parameters to improve cutting efficiency.



性能技术参数 / TECHNICAL PARAMETER

外形尺寸 (长 * 宽 * 高) Dimension(L*W*H)	600mm*550mm*1500mm
重量 Weight	200kg
电源 Power supply	380V 50Hz

自动供砂系统
AUTOMATIC ABRASIVE FEEDER

特点描述 /FEATURES

- 自动供应切割磨料到切割刀头，缺磨料时可自动警报，结构简单，容易操作，维护方便。
- Delivery abrasive to cutting head automatically, alerting automatically when there are lack of abrasive. It's simple structure and easy to operate and maintenance.

性能技术参数 / TECHNICAL PARAMETER

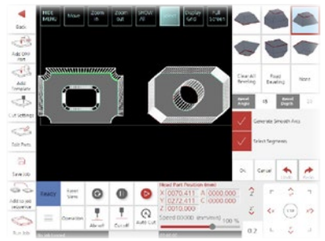
外形尺寸（长 * 宽 * 高） Dimension(L*W*H)	600*550*1200mm
重量 Weight	80kg
电源 Power supply	220V
最大供气压力 Max. Air pressure supply	0.2Mpa
控制电压 Voltage	24V
总功率 Power rate	30W

德国倍福控制系统（选配）
GERMANY BECKHOFF CONTROL SYSTEM(OPTIONAL)

特点描述 /FEATURES

- 美国 Contronest CNC 控制器运行基于德国高性能倍福 ® 嵌入式工业 PC，得益于 Ether CAT© 技术，接线更少，维护成本更低；
- 结合无与伦比的高级 5 轴软件补偿和精细的激光测绘可以实现更高精度的斜角切割；
- 嵌入式 CAM 程序，带有 DXF 检查器的 DXF 导入，自动刀补，自动导入 / 导出的引刀线和高级倒角选项；
- 全面的材料数据库帮助选定最佳切割时所需的压力和磨料速率。此外，它会根据系统推荐的切割速度不断的调整，以达到节省电量 / 磨料以及增加效率；
- 具有 PLC 功能的集成操作界面运行在同一控制器下控制高压泵、磨料速度以及设置切割压力，同时，它检测警报以及所有关于泵和机床的运行记录。

- Contronest USA CNC controller runs on German made high performance Beckhoff® embeded industrial PC, and Thanks to Ether CAT© technology, less wiring and a lower maintenance are needed;
- Combining unmatchable advanced 5 axes software compensation and fine laser mapping can achieve higher accurate bevel cutting;
- Embedded CAM Program carry with, DXF import with DXF-checker, automatic tool compensation, and automatic lead in/out of lead-line and advanced chamfer options;
- Comprehensive material database determines the optimal pressure and abrasive rate for cutting. Also, it will determine the recommended variant cutting speed along the path to save power/abrasive and increase efficiency;
- Integrated operation interface with PLC functions runs under the same controller to control the pump, the abrasive rate , and set the cutting pressure. It also monitors the alarms and all the pump's and machine's events.

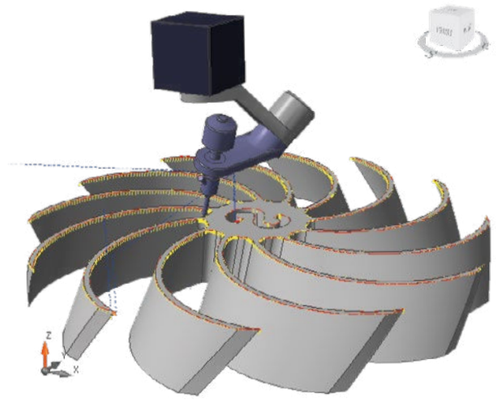


CAM 软件（选配）
DEDICATED CAM SOFTWARE(OPTIONAL)

特点描述 /FEATURES

- 专用 CAM 软件可以便捷的导入 CAD 图形以及 3D 图形，支持 DXF、DWG、IGS 等常用格式，对图形进行规划后可以快速的生成切割路径并进行切割；
- 可以直接扫描图形轮廓并生成图形，经过处理后可以非常方便的切割该图案；
- 瓷砖切割和嵌套功能在石材拼花具有非常实用的功能，可以非常方便的实现板料自动填充，并可以对各类板料进行排版规划切割；
- 可以快捷地对选中的图形进行全自动排版（单板料或多板料排版），并规划各个图形的排版数量；
- 实用的坡口切割功能，包括上坡口、下坡口、上下复合坡口等，软件还可使用共边切割、动态穿孔等水切割平台专用的特殊功能。

- The dedicated CAM software can easily import CAD and 3D graphics, support common formats such as DXF, DWG, IGS,etc., and can quickly generate cutting path and carry out cutting after graph planning.
- It can scan the contour of the graph directly and generate the file. After the processing, the pattern can be cut very conveniently.
- Ceramic tile cutting and nesting functions have very practical functions in stone parquet, which can be very convenient to realize the automatic filling of sheet materials, and can nest planning and cutting of all kinds of sheet materials.
- Quickly and automatically nesting can be done for the selected graphics (sheet or multi sheets nesting) and planning the number of graphic nesting.
- Practical bevel cutting functions, including up bevel, down bevel and their combination, etc. the software can also use common edge cutting dynamic piercing and other special functions in waterjet cutting process.



瑞士 Allfi 磨料输送罐（选配）
ALLFI ABRASIVE DELIVERY SYSTEM(OPTIONAL)

特点描述 /FEATURES

- Allfi 磨料输送罐源于瑞士 allfi 水切割配件公司。可以数字化精确的调整进砂量（它的持续配量范围从 0-36kg/ 小时，或者 0-600 克 / 分钟）系统可以由外置的模拟信号或者电位器控制。

- The Allfi abrasive delivery system originated from the Swiss Allfi Waterjet Accessories Company. Allfi abrasive delivery system can be adjusted very precisely (continuous dosing in a range from 0-36kg /hour or 0-600g/min). The system are controlled by external analogue signal or a potentiometer.

allfi® SwissQuality

上料翻转台（选配）
LOADING FLIP PLATFORM(OPTIONAL)

特点描述 /FEATURES

- 上料翻转台可以解决大批量生产加工时频繁上下料的问题，提高工作效率，对需要加工大型工件的客户提供便利。
- The loading turnover platform can solve the problem of frequent loading and unloading in mass production, improve work efficiency, and provide convenience to customers who need to cut large workpieces.

落地上料翻转台
（只适配悬臂 4020 机型）（选配）
LOADING PLATFORM(OPTIONAL)

特点描述 /FEATURES

- 落地上料翻转台可以解决大批量生产加工时频繁上下料的问题，提高工作效率，对需要加工大型工件的客户提供便利。
- The hydraulic loading platform can solve the problem of frequent loading and unloading in mass production, improve work efficiency, and provide convenience to customers who need to cut large workpieces.

AC 五轴切割系统（选配）
AC 5-AXIS CUTTING SYSTEM(OPTIONAL)

特点描述 /FEATURES

- 实现 0° ~±45°范围内任意角度切割；
- 岩板加工必备；
- 解决传统水切割斜度问题，轻松实现 2D/3D 切割。

- AC 5-axis cutting head system can offer 0° ~±45° bevel cutting.
- Essential for cutting sintered stone plate.
- Solve traditional waterjet cutting bevel problem, and easily realize 2D/3D cutting.

性能技术参数 / TECHNICAL PARAMETER

A 轴旋转角度 A axis	±67°
C 轴旋转角度 C axis	±360°
切割工件角度 Bevel cutting	±45°

AB 五轴切割系统（选配）
AB 5-AXIS CUTTING SYSTEM(OPTIONAL)

特点描述 /FEATURES

- 升级后的 AB 五轴相对传统 AB 五轴，效率提升 10% 以上；
- 制作完美拼花必备，实现完美尖角，省去打磨环节，有效节省人工。

- The upgraded AB five-axis compared with the traditional AB five- axis, the efficiency is improved by more than 10%.
- Essential for make perfect marble mosaic and parquet tile, achieve perfect sharp corners, eliminate grinding process, and save labor effectively.

性能技术参数 / TECHNICAL PARAMETER

A 轴旋转角度 A axis	±10°
B 轴旋转角度 B axis	±10°
切割工件角度 Bevel cutting	±5°

WT 系列悬臂式切割平台
CANTILEVER TYPE CUTTING WORKING TABLE

特点描述 /FEATURES

- 高强度悬臂结构，可从三面上料
- 总线伺服系统，实现精准切割
- 自动润滑系统
- 水箱与运动结构分离，精度更高

- High strength cantilever structure， load from three sides
- NC servo system for precise cutting
- Automatic lubrication system
- The water tank is separated from the cantilever moving structure for higher precision

性能技术参数 / TECHNICAL PARAMETER

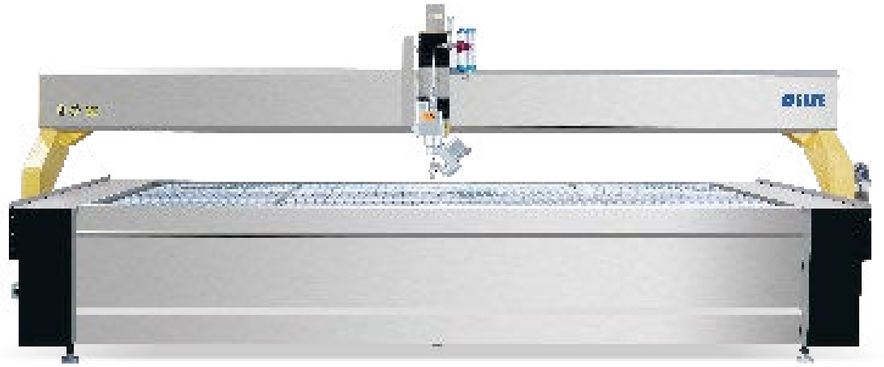
型号 (Type)	2516	3020	4020
外形尺寸 (mm) Dimension	3450*3200	3950*3800	4950*3800
最大切割范围 (mm) Max. Cutting Range	2500*1600	3000*2000	4000*2000
Z 轴行程 Travel of Z axis	150mm		
控制精度 Control accuracy	±0.01mm		
切割精度 Cutting accuracy	±0.1mm		
重复定位精度 Re-positioning accuracy	±0.025mm/m		
机床空载最快移动速度 Max. Moving speed	18000mm/min		

WL 系列龙门式切割平台
GANTRY TYPE CUTTING WORKING TABLE

特点描述 /FEATURES

- 创多重防尘系统有效阻隔水砂进入
- 总线伺服系统，实现精准切割
- 自动润滑系统

- Multiple dust proof system effectively blocking water and abrasive
- NC servo system for precise cutting
- Automatic lubrication system



性能技术参数 / TECHNICAL PARAMETER

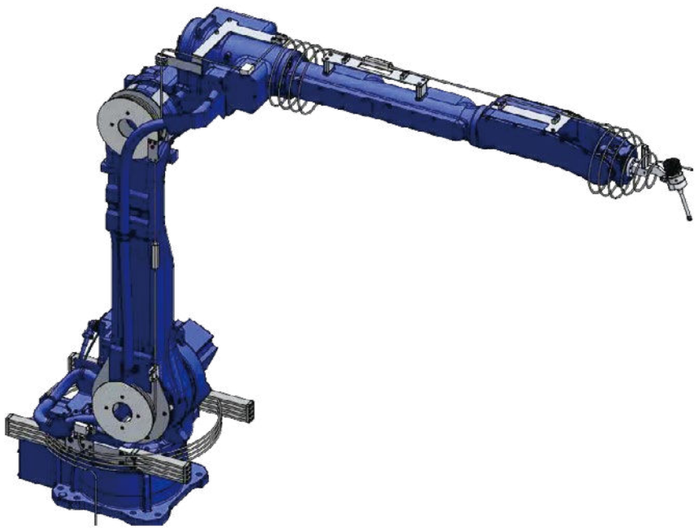
型号 (Type)	2516	3020	4020	6030
外形尺寸 (mm) Dimension	3400*2650	3900*3050	4900*3050	6950*4050
最大切割范围 (mm) Max.Cutting Range	2500*1500	3000*2000	4000*2000	6000*3000
Z 轴行程 Travel of Z axis	150mm			
控制精度 Control accuracy	±0.01mm			
切割精度 Cutting accuracy	±0.1mm			
重复定位精度 Re-positioning accuracy	±0.025mm/m			
机床空载最快移动速度 Max. Moving speed	18000mm/min			

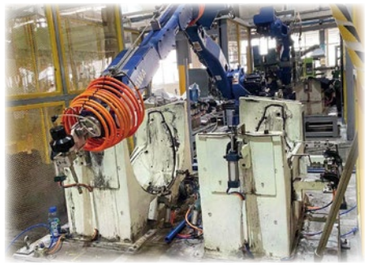
机器人水切割工作站
ROBOT WATERJET CUTTING STATION

特点描述 /FEATURES

- 柔性生产
- 切割精度高、稳定性好
- 可使用多台机器人协同工作来提高生产效率
- 实现 3D 切割

- Flexible production
- High cutting accuracy and good stability
- Multiple robots can be used to work together to improve production efficiency
- Realize 3D cutting





切割刀头配件图 /Cutting Head Accessories

AC 五轴砂管
AC 5-Axis Nozzle Tube

混合腔
Mixing Chamber

水开关维修包
On/off valve repair kit

宝石喷嘴
Jewel Orifice

刀头阀体
Cutting Head Valve

集流管
Pick-Up Tube

刀头气缸
Cutting Head Cylinder

HJ400 直联式超高压泵 /Direct- Drive Ultra-High Pressure Pump Accessories

不锈钢弹簧
Stainless Spring

出水阀座
Valve Seat of Outlet

出水引导阀
Guided Vale of Outlet

动态封圈
Dynamic Seal

封圈座
Sealing Seat

高压缸
Cylinder

进水阀片
Water inlet valve

静态密封件
Static Seal

气动拉杆封
Pneumatic Rod Seal

水封
Water Seal

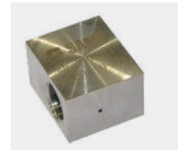
陶瓷柱塞杆
Ceramic Plunger

轴承座
Bearing Housing

50HE/HC 油压机高压泵配件图 /50HE/50HC Hydraulic Ultra-high Pressure Pump Accessories

大阀体
Check Valve Body

左右端盖
Right and Left End Bell



两通接头
Two-Way Coupling

出水阀体
Outlet Body

出水阀芯
Outlet Poppet

柱塞套
Sleeve

出水阀座
Insert

磁座
Magnet Base

端帽
End Cap

高压缸
Cylinder

进水阀芯
Inlet Poppet

油缸活塞
Piston

密封铜环
Copper Seal Ring

三通接头
Three-Way Connector

陶瓷柱塞杆
Ceramic Piston

压紧扣环
Pressing Ouch

压紧螺栓
Connection Bolt

油缸
Hydraulic Oil Cylinder

销售网络与服务
SALES NETWORK AND SERVICE

SAME®
中国 - 广州
Guangzhou, China

对所有已经购买华臻产品的客户，华臻将提供如下服务：

- 为用户培训设备操作人员，能使得客户在最短的时间内了解和掌握华臻水刀的工作原理、操作方法、维修方法，保证客户在最短的时间内熟练运转机器。
- 提供设备的安装调试，12 个月（或 2500 小时）的质保期（以先到为准）。
- 终生负责维修，保证零配件长期供应，解决客户后顾之优。
- 服务网络跟踪电话回访、客户走访，以多种方式及时解决客户的实际问题。
- 对新产品和新技术，享受特优价升级。

销售网络遍布 80+多个国家 SALES NETWORK MORE THAN 80 COUNTRIES

德国 澳大利亚 美国 日本 西班牙 俄罗斯 新西兰 法国 沙特 比利时 韩国 土耳其
约旦 泰国 秘鲁 智利 挪威 伊朗 埃及 丹麦 波兰 南非 也门 印尼
捷克 巴林 巴西 荷兰 英国 越南 印度 科威特 新加坡 阿根廷 墨西哥
菲律宾 尼泊尔 肯尼亚 立陶宛 以色列 摩洛哥 叙利亚 乌克兰 阿联酋 阿塞拜疆 罗马尼亚
黎巴嫩 卢森堡 葡萄牙 奥地利 卡塔尔 加拿大 匈牙利 利比亚 意大利 马来西亚 委内瑞拉
厄瓜多尔 拉脱维亚 斯尼兰卡 毛里求斯 塔吉克斯坦 哈萨克斯坦 马达加斯加 阿尔及利亚 特立尼达和多巴哥

AFTER-SALE SERVICE:

- Train operators for operation and maintenance of SAME waterjet, make sure customers understand the work principle, skills of operation and maintenance; ensure customers to run the machine skillfully in the shortest time.
- Provide equipment installation and commissioning, 12 months (or 2500 hours) warranty period (whichever comes first).
- Lifetime maintenance, ensure long-term spare parts supply, solve customers' problems.
- Our service team will follow up, telephone support and customer visit, and solve the actual problems for customers in a variety of ways timely.
- Upgrade new products and new technologies with preferential price.

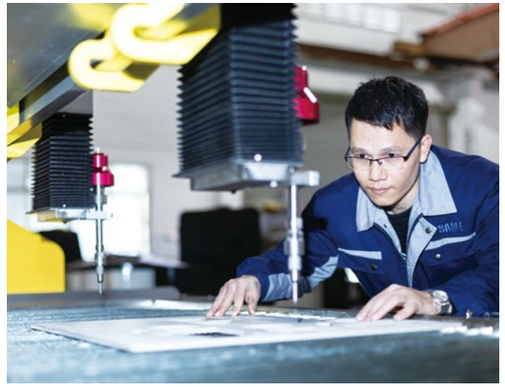
团队风采
Team Work

售后
After-Sales

维护
Maintenance

调试
Commissioning

教学
Training



KEEP IMPROVING 精益求精

严谨的装配工艺

RIGOROUS ASSEMBLY PROCESS

先进的加工设备

ADVANCED MACHINING EQUIPMENT

精密的检测设备

PRECISION TESTING EQUIPMENT