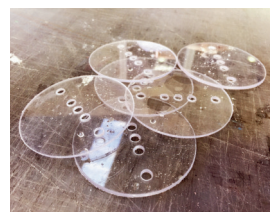




3-Axis

Plate Cutting



AC 5-Axis

3-D Cutting
Upto 75° angle



AB 5-Axis

Taper
Compensation
Upto 12° angle



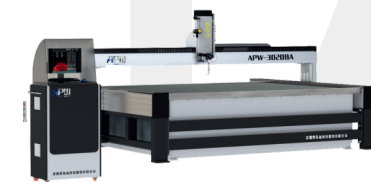
Shenyang All-Powerful
Science And Technology Stock Co., Ltd.



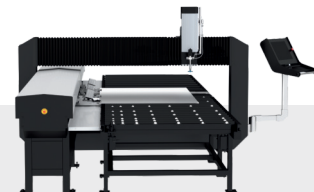
5 TYPES OF PUMP
3 TYPES OF HEAD



15 TYPES OF TABLE
MANY OPTIONS



classical



mobile clamps



cantilever



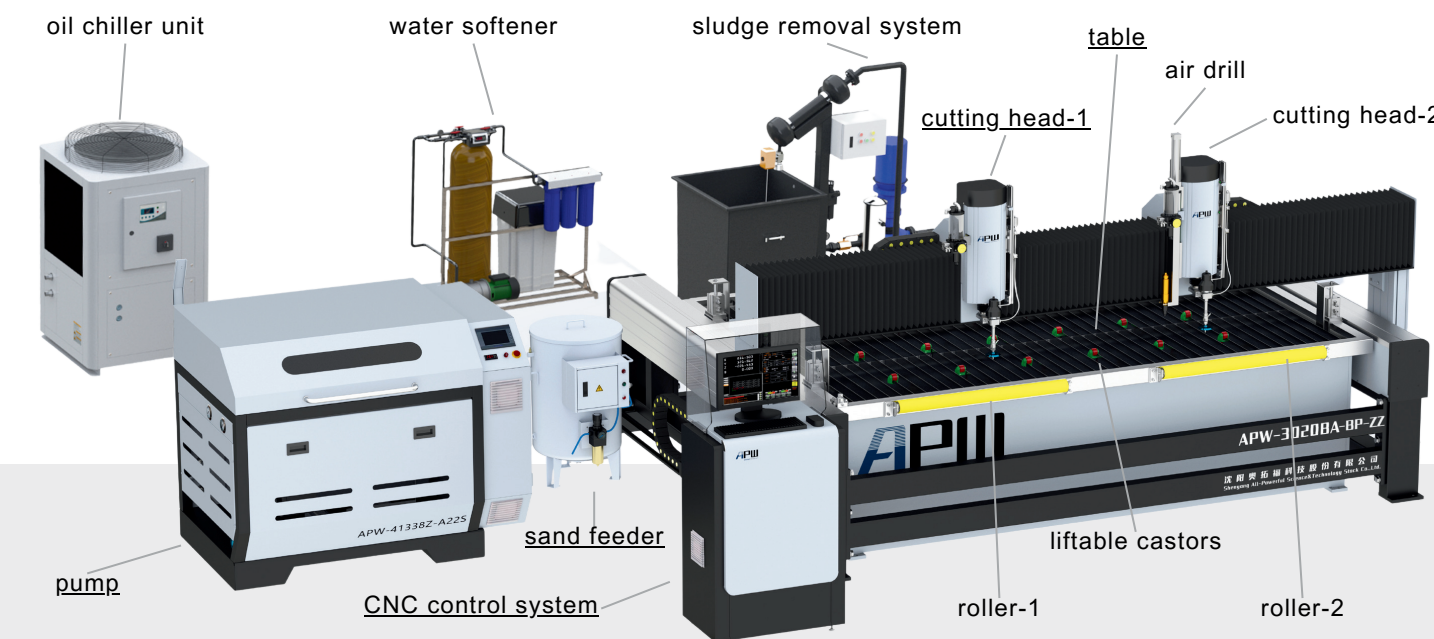
double Z axis



high Z axis



triple heads



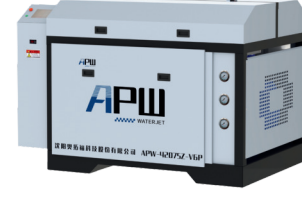
• underline parts are necessary for waterjet cutting machine, others are options



Classical - A series-A15 / A16
single or dual intensifiers



save energy - S series-A22S
servo motor



Powerful - V series
45/55/75KW



hyper-high pressure H series-V6
620MPa



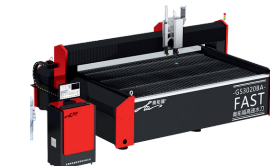
Advanced - AX series-A24W
dual intensifiers



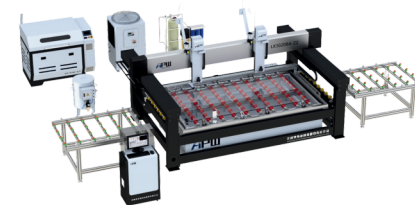
big loading & lifter



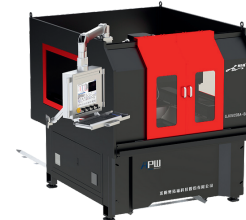
lifter



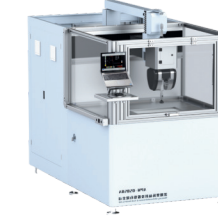
fast running



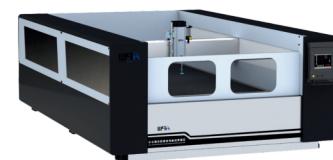
2 heads & roller table



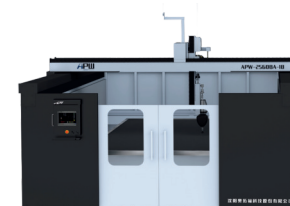
mobile tank & high precision



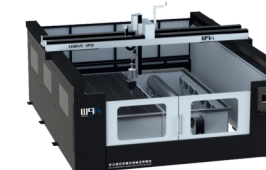
Marble tank & 3D cutting



protection & clean



big table & high Z & work cell



sheet & tube; 2 in 1

THE BIGGEST WATERJET FACTORY IN CHINA



APW waterjet R&D Center



APW waterjet factory

www.waterjetapw.com
apw@apw.cn



one set of standard waterjet includes 5 parts
a high-pressure pump, a cutting table, a cutting head, a sand feeder and control system.

APW-3020BA-A15-B-DXACWZ

Bridge Design Accurate Easy to Operate

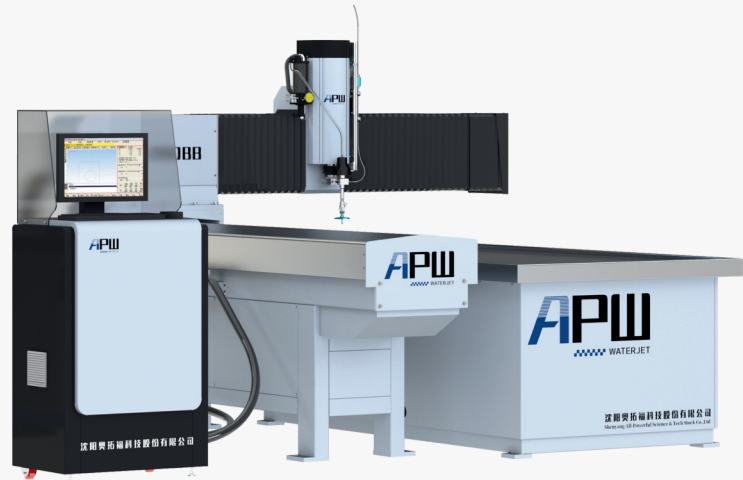
Specification			
Bridge size	3000 mm	Control	CNC
Base size	2000 mm	Way of Drive	Servo Control
Repeatability	0.03 mm	Ball Screw	TBI (Taiwan)
Cutting Accuracy	0.1 mm	Linear Guide	WON (Korea)
Traverse Speed	10m/min	Cutting Head	3-Axis / 5-axis
Load Capacity	500KGS/m ²	Ambient Temp.	5-40°C
Structure	Bridge Style	Nozzle & Orifice	Made in USA

More Sizes Available					
bridge-BA	2015	2040	3015	3060	4060
X-Travel mm	2000	2000	3000	3000	4000
Y-Travelmm	1500	4000	1500	6000	6000
Z-Travel mm	150	150	150	150	150



APW-2010BB

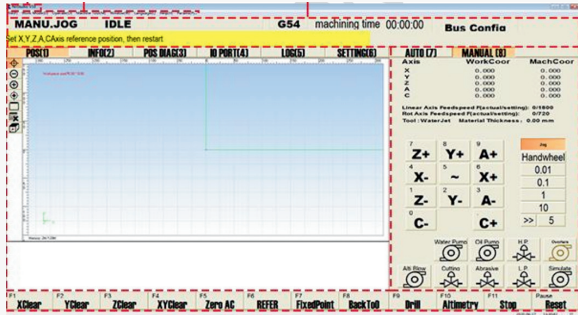
Cantilever Design Quick Installation
Small Footprint



Specification			
X-Travel	2000 mm	Control	CNC
Y-Travel	1000 mm	Way of Drive	Servo Control
Repeatability	0.03 mm	Ball Screw	TBI (Taiwan)
Cutting Accuracy	0.1 mm	Linear Guide	WON (Korea)
Traverse Speed	10m/min	Cutting Head	3-Axis / 5-axis
Load Capacity	500KGS/m ²	Ambient Temp.	5-40°C
Structure	Cantilever Style	Nozzle & Orifice	Made in USA

More Sizes Available					
CATILEVER-BB	2010	2015	3015	3020	4015
X-Travel mm	2000	2000	3000	3000	4000
Y-Travel mm	1000	1500	1500	2000	1500
Z-Travel mm	150	150	150	150	150

NC STUDIO CNC CONTROL SYSTEM

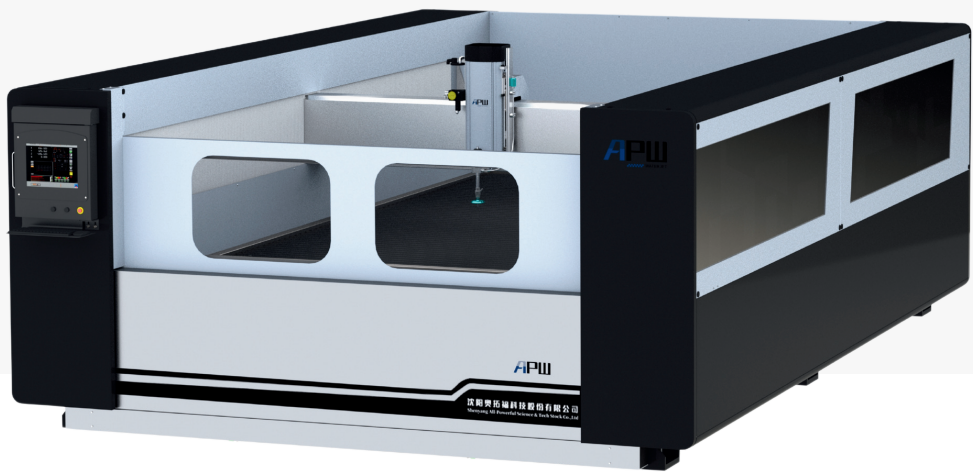


Multiple O- point settings
built - in CAM; wear - and - tear part management

supports multiple process settings
(bridging, micro - linking, chamfering, beveling, sorting, vertical)

supports the linkage of various auxiliary functions
(laser height detection, edge - finding, barcode scanner reading, drill bit, lifter)

ceramic sink cutting treatment (visual contour extraction)



APW-3020BA-18

Fully Enclosed Design Cutting Table
Safe and Clean

Specification	
Bridge size	3000 mm
Base size	2000 mm
Repeatability	0.03 mm
Cutting Accuracy	0.1 mm
Traverse Speed	10m/min
Load Capacity	500KGS/m ²
Structure	Fully Enclosed platform

Control	CNC
Way of Drive	Servo Control
Ball Screw	TBI (Taiwan)
Linear Guide	WON (Korea)
Cutting Head	3-Axis / 5-axis
Ambient Temp.	5-40°C
Nozzle & Orifice	Made in USA

More Sizes Available			
ENCLOSED: BA-18	3020	3060	4060
X-Travel mm	3000	3000	4000
Y-Travelmm	2000	6000	6000
Z-Travel mm	150	150	150



APW-A15-B

Classic Efficient Safe Stable
Dual-Intensifier Design Available (One work, One backup).

Specification	
Power Rate	37 KW
Max. Pressure	420 MPA
HP Water Flow Rate	3.7 L/min
Max. Orifice Size	0.33 mm
Electricity Supply	AC 380V 50HZ 3PH
Ambient Temp	5 - 40°C
Accumulator	1.2L
Oil Tank	114L
Size	1710*1025*1191mm
Weight	980KG

APW-V6PLUS

Hypertherm Intensifier Faster Cutting Speed

Specification	
Power Rate	75 / 45 / 55 KW
Max. Pressure	413.7 MPA
HP Water Flow Rate	8.4 L/min(75KW) / 6L/min(45/55KW)
Max. Orifice Size	0.5 mm(75KW) / 0.45mm(45/55KW)
Electricity Supply	AC 380V 50HZ
Ambient Temp	5 - 40°C
Accumulator	1.2 L
Oil Tank	200 L
Size	2100*1270*1420mm
Weight	1700KG



APW-A22S

Servo Motor Design Engergy Saving up to 30%

Specification	
Power Rate	37.9 KW / 38.8KW
Max. Pressure	413.7 MPA
HP Water Flow Rate	3.7 L/min
Max. Orifice Size	0.33 mm
Electricity Supply	AC 380V 50HZ
Ambient Temp	5 - 40°C
Accumulator	1.2 L
Oil Tank	100 L
Size	1715*1035*1191 mm
Weight	1100KG



SINCE 2001

THE BIGGEST WATERJET FACTORY IN CHINA

SINCE 2001