

Waterjet cutting machine contains the following parts:

Working platform

CNC Cabinet

High pressure system

Integrated high-precision cutting head

Sand Control Systems



CT1525A/CT1525B/CT1525C working platform

Working platform size: 1600mm*2600mm

X-axis travel: 1500mm

Y-axis travel: 2500mm

Z-axis travel: 300mm

Water tanks: use of stainless steel.

Structure Type: Cantilever -type

Ball screw: with Taiwan IBB screw, enabling seamless movement, to ensure the smooth running machine

Repeat positioning accuracy: $\pm 0.02\text{mm}$

Cutting precision: $\pm 0.1\text{m}$

Note:

CT1525A come with High pressure system of HP3040

CT1525B come with High pressure system of HP3740

CT1525C come with High pressure system of HP7540

2. CNC Cabinet

Digital Control Systems: made in Shanghai, control system

Auto-Nesting system: made in Changzhou (to be AUTOCAD exported. DXF files (or other program documents) automatically converted into a CNC machining process

Between the PC and the CNC serial communication

Cut in point and cut out point automatic control, automatic nesting capabilities, automatic calculation of cutting length and cutting processing costs such as processing time functions (fool operation, high degree of automation,)

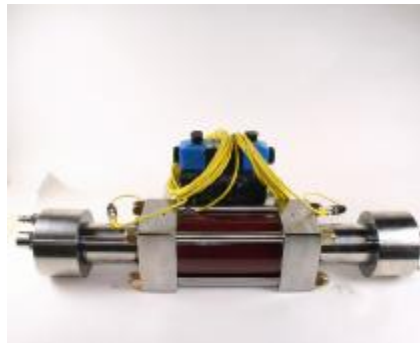
Drive power and motor: Taiwan's Far Eastern power AC servo drives and motors (Japan YASKAWA AC servo drive power and motor optional)

Power: 380VAC, 50Hz, three-phase five-wire system

Z-axis AC servo control movements



3. High pressure system (HP3040)



Model	HP3040	HP3740	HP7540
Drive system	Motor		
Pressure system	Intensifier		
Intensifier Qty.	1	1	2
Max. pressure	380MPa/55000psi	400MPa/60000psi	400MPa/60000psi
Max.flow rate	3.5L/min	3.7L/min	7.6L/min
Power	30kw	37kw	75kw
Pressurization rate	20:1	20:1	20:1
Oil pressure	0-20Mpa		
Oil type	Hydraulic oil 46# (Environment 15-40° C)		
Power supply	220/380/415V-AC 3 Phase		
CT1525A come with High pressure system of HP3040 CT1525B come with High pressure system of HP3740 CT1525C come with High pressure system of HP7540			

4. Integrated high-precision cutting head (With water switch, to prevent backwater, to prevent high-pressure water cuts the workpiece surface)



5. Sand Control Systems

Automatically controlled sand valves (precise control sand, greatly reducing the use of cost and avoid unnecessary waste)

Manually added sand material (with Automatic sand system can automatically send sand after the function)



Cutting sample

Cutting samples-Stainless steel



Cutting samples-Steel plate



Cutting samples-Aluminium



Cutting samples-Marble and granite



Cutting samples-Glass



Cutting samples-Rubber and plastic

