

Brand New Design

5-axis linkage CNC ultra-high pressure waterjet cutting machine



X5

2D/3D Dynamic cutting

Equipped with the dedicated Lantek software, it has accomplished the 2D/3D cutting by offering tilt angles ranging from 0° to 90°, which has solve the traditional angle problems.

Advanced Control Technology

Advanced Yaskawa Servo Drive Technology, ESA CNC System, Line Positioning Accuracy of ±0.1mm, Angular Positioning Accuracy of 0.1°.

Precision manufacturing

Perfectly combined with DARDI's gantry waterjet-cutting Platform, we have varieties of models for you.

A wide field of application

It fulfills arbitrary curved surface machining like the oblique, vertical, conical surface, circular surface, rotating surface, playing groove, chamfering, etc, and can meet the high-precision processing requirements in industries containing machinery manufacturing, aerospace, rail transportation, ship, automotive, composites materials processing.



南京大地水刀股份有限公司
DARDI INTERNATIONAL CORPORATION

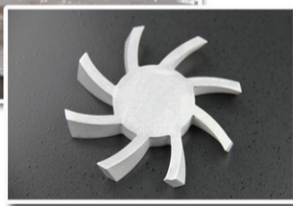
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Ultra-High Pressure Waterjet Cutting
Fine Processing & New Creation



▲ Five-Axis Cutting Scene

Five-Axis Cutting Effect ▶



▲ DWJ3020-BB-X5

C50H1 Ultra-High Pressure System

Model	DWJ3020-BB-X5	DWJ3040-BB-X5	DWJ3060-BB-X5	DWJ3080-BB-X5
Platform Dimension(mm×mm)	3170 X 2130	3170 X 4130	3170 X 6130	3170 X 8130
Effective cutting dimension(X,Y axis)	3000 X 2000	3000 X 4000	3000 X 6000	3000 X 8000
Z-axis travel	300mm	300mm	300mm	300mm
Position accuracy(X,Y,Z axis)	±0.1mm	±0.1mm	±0.1mm	±0.1mm
Rotation accuracy(A,C axis)	±0.1°	±0.1°	±0.1°	±0.1°
Maximum rotation speed(C-axis)	360°/S	360°/S	360°/S	360°/S
Maximum speed	10m/min	10m/min	10m/min	10m/min
Rotation axis range(C-axis)	±200°	±200°	±200°	±200°
Partial pendulum range(A-axis)	±90°	±90°	±90°	±90°

Model	DWJ4060-BB-X5	DWJ4080-BB-X5	DWJ40100-BB-X5	DWJ40120-BB-X5
Platform Dimension(mm×mm)	4170 X 6130	4170 X 8130	4170 X 10130	4170 X 12130
Effective cutting dimension(X,Y axis)	4000 X 6000	4000 X 8000	4000 X 10000	4000 X 12000
Z-axis travel	300mm	300mm	300mm	300mm
Position accuracy(X,Y,Z axis)	±0.1mm	±0.1mm	±0.1mm	±0.1mm
Rotation accuracy(A,C axis)	±0.1°	±0.1°	±0.1°	±0.1°
Maximum rotation speed(C-axis)	360°/S	360°/S	360°/S	360°/S
Maximum speed	10m/min	10m/min	10m/min	10m/min
Rotation axis range(C-axis)	±200°	±200°	±200°	±200°
Partial pendulum range(A-axis)	±90°	±90°	±90°	±90°