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- Laser Engraving
- Wood Engraving
- Plasma Cutting
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AdvanceCAM CNC Router



Model	XJ1218	XJ1224	XJ1325
Working/ Traveling Area	1,200x1,800x70mm	1,200x2,400x70mm	1,300 x 2,500 x 200mm
Spindle Motor	2.2KW inverter with water cooling system	3.0KW inverter with water cooling system	3.5 KW inverter with water cooling system
Work Type	Mainly used for cutting and engraving on acrylic, crystal, marble, wood, MDF , HDF etc.		
Motor Drive	Precision Stepping Motor (optional Servo)		
Drive Mechanism	German imported ball screw Z axis Gear-wheel on XY axis		
Resolution	0.01mm		0.02mm
Max Motion Speed	7,000mm/min		50,000mm/min
Max Engraving Speed	4,000mm/min		20,000mm/min
Speed of Spindle	24,000rpm		
Engraving Tools	Collet ER20: 3.175, 4.00, 6.00, 12.70mm		
Other Items	Frame Cast iron , Surface Profile Aluminum , Dust Collector		
Controlling Code	Standard G code / M code		
Operating Voltage	AC220/60Hz or AC380/60Hz		
Software's	Ucancam / ArtCam with RichoAuto handheld DSP Controller		
Optional Parts Modification	Spindle (HSD Italian Made) 3.5 , 4.0 , 4.5 , 6.5 kW Air Cool System X,Y,Z axis Motors & Driver (Japanese Yaskawa / Panasonic) Frequency Inverter : Delta 2.2, 3.5, 4.5, 6.5 kW Controller Unit : RichoAuto Handheld DSP controller / NC Studio / Mech 3 DSP Automatic tools changer , Rotary Attachment,		

Model	QX-6090	QX-1290	QX-1325
Engraving Area	600x900mm	1200x900mm	2500x1300mm
Laser Power	60W	80W	80W
Laser Type	CO2 Laser Tube		
Engraving speed	0-1000mm/s		
Cutting speed	0-600mm/s		
Resetting accuracy	<0.01mm		
Cutting depth	Acryl 0-10mm(others depend on materials)	Acryl 0-20mm(other depths on materials)	
Minimum Shaping Character	1.5x1.5mm		
Power supply	220V±10% 60HZ or 110V±10% 60HZ		
Gross power	1200W	1200W	1500W
Software supported	ArtCut, CorelDraw, PhotoShop, AutoCAD		
Graphic format supported	PLT, DXF, BMP, JPG, GIF, PGN, TIF		
Water Cooling: (Yes / No)	Yes		
Maximum Height of Materials to Engrave (mm)	280mm(Up and down by motor)		
Drive Method	Step Motors (Optional Servo)		
Water Cooling: (Yes / No)	Yes		
Laser Tube(life hours)	1800-2000 Hours (after that can be replace easily)		
Optional Parts for Customization:	Rotary Attachment on Cylindrical shape Servo Motors (Japanese Yaskawa / Panasonic)		

These Laser machine uses blocking design, easy to install and adjust, the machine frame in reason, the materials can put into from the front and behind, it can Exhaust the smoke on the above and below of the laser machine, it use offline control system, English LCD, USB interface, support CAD and CorelDraw output directly.



AdvanceCAM Laser Cutting and Engraving Machine



AdvanceCAM Plasma Cutting Machine



Model	QX-6090	QX-1325	QX-1530
Working area(mm)	600x900	1300x2500	1500x3000
Transmission system	XY Gear Rack from Taiwan , Z Ball screw from Taiwan		
Lead rail system	Linear round guide rail		
Plasma	Power 7.0 kw, Plasma Current 60A	Power 8.5 kw Plasma Current 80A	Power 8.5 kw Plasma Current 100A
Cooling Type	Water-cooling		
Origin	China (LGK)		
XYZ Drive systems	Chinese Stepper Motors / Servo Panasonic/Yaskawa (optional)		
Machine body	Iron cast welded		
Software environment	Windows 98/2000/XP/Vista/7		
Control System	DSP (USB)		
Compatible file formats	G code; *.u00; *.mmg; *.plt.		
CAD/CAM Software	Ucancam V9		
Working Voltage	AC380V 60Hz (3 Phase) or AC220v 60Hz		
Cutting speed	8.0m/min		
Processing materials	Iron Plate, Aluminum Plate, Galvanized Sheet, White Steel Plate, Titanium plates		
Cutting thickness	0.3-22mm Max cut: 40mm Depends on the materials		
Optional Parts for Customization	American Haibao (American Hyperthermia) Plasma power Japanese Servo Motors Air Compressor, Honey Comb Surface Profile with Sink Bed		

Note: Larger Machine can be built on special order