

2D Laser Cutting Machine

Model	SwiftX 3015HS/6000-12000
Cutting Table Size	1550*3050mm
X-axis Travel	3050mm
Y-axis Travel	1550mm
Z-axis Travel	350mm
Laser Power	6KW/12KW/20KW
Positioning Accuracy	±0.05mm
Repetitive Accuracy	±0.03mm
Rapid Speed	80m/min
Power	3 Phase 415V/50Hz (50-200A per phase)
Machine Weight	9500KG
Dimension	8500*3050*2180mm
Laser Source	Raycus/IPG fiber laser 6KW/12KW/20KW
Laser Head	Boci421/441/641
CNC Controller	FSCUT 4000E/FSCUT 8000E
Cabinet Electrical Components	SIEMENS/Schneider
Machine Frame	SwiftX 3015HS
Water Chiller	Specialized for 6KW/12KW/20KW laser

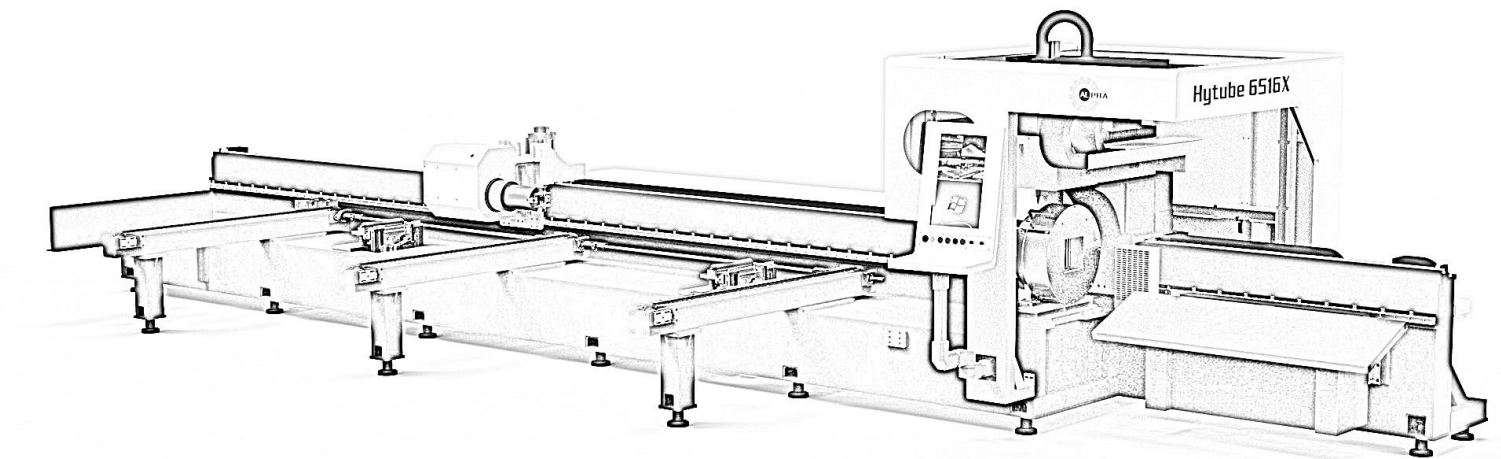
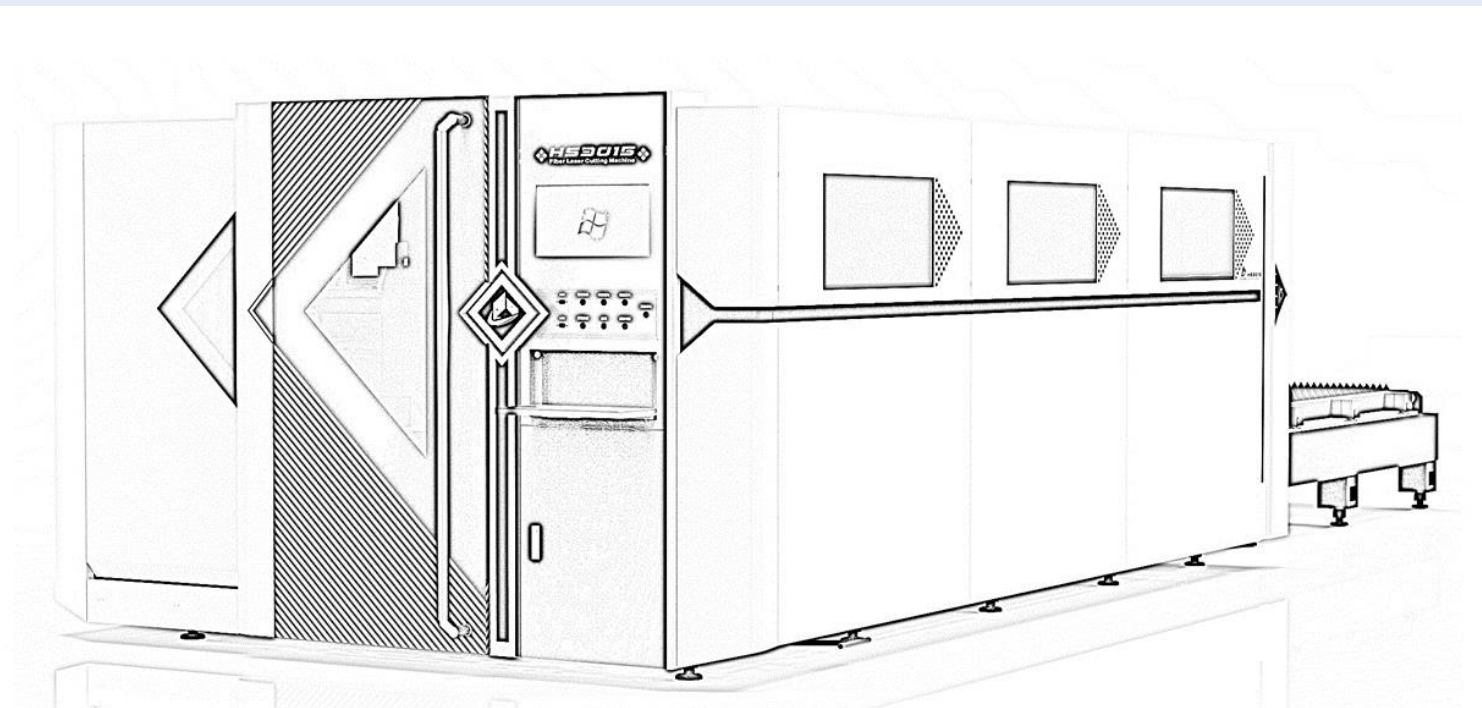
Laser Tube Cutting Machine

Model	HyTube 6523X
Pipe diameter (maximum outer diameter)	Circular tube ϕ 15 - ϕ 220mm Square tube 15 * 15-220 * 220mm Other pipe types: maximum diagonal \leq 220
Laser Power	1.5-6KW
Effective travel of X-axis	0-6500mm
Travel Y-axis	600mm
Z-axis travel	0-250mm
B-axis travel	±720°
U-axis (swing axis)	±45° (optional)
Maximum speed of X-axis	100m/min
Y-axis maximum speed	100m/min
Z-axis maximum speed	40m/min
Maximum speed of B-axis	120/rpm
Maximum speed of U-axis	1800°/min (optional)
accelerated speed	0.6G

Please contact us if you need customized machine to suit your application.



Alpha CNC Group Pty Ltd
21/2-4 Picrite Close, Pemulwuy NSW 2145
Phone: 02 9683 6117
Web: www.alphacnc.com.au
Email: info@alphacnc.com.au



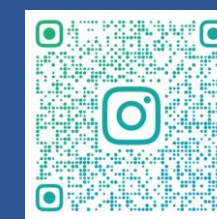
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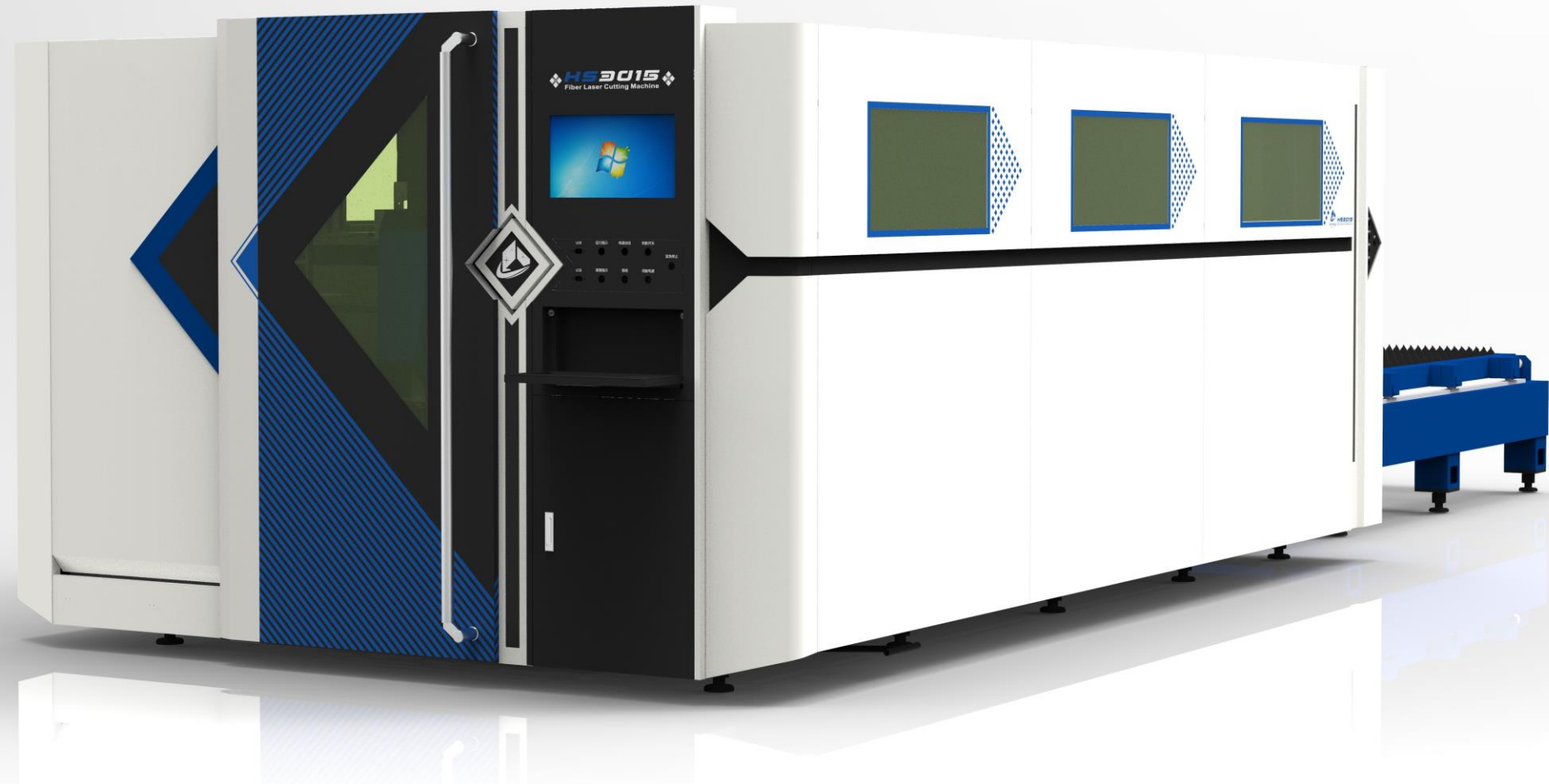
Fiber Laser Cutting Machine

1.5KW-20KW Laser

One-stop Supplier of Sheetmetal Machinery

Metal Mastery in Every Machine, Precision in Every Piece

Disclaimer: Technical details are based on the latest edition at publication and subject to change. Copyright reserved @ Alpha CNC



Boci BLT Laser Head

Cost-effective smart cutter that focuses on 2D, 3D and bevel cutting machine, delivers a great performance with stable cutting, simple installation and setup, available for power levels below 30KW.



- Stable and efficient cutting
- Easy to maintain, low cost to repair
- Anti collision protection
- Protective screws keep cutting head from damage
- Groups of internal sensors for real time close-loop monitor
- Rapid diagnosis with early warning message



Yaskawa Servo Motor

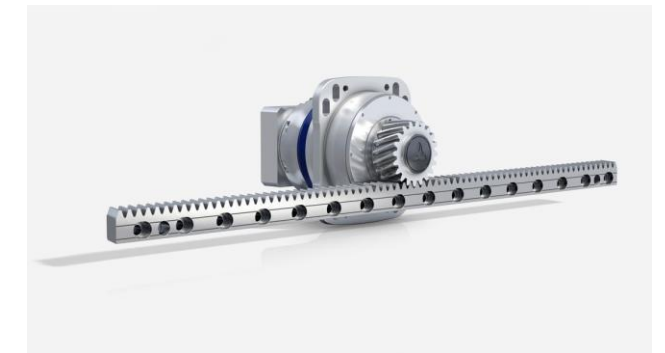
Yaskawa has a strong reputation in the field of automation, and their servo motors are considered reliable solutions for demanding industrial environments. As technology continues to advance, Yaskawa consistently innovates to meet the evolving needs of the automation and motion control industries



WITTENSTEIN | alpha

WITTENSTEIN ALPHA

ALPHA is a product line within WITTENSTEIN's portfolio, specifically known for its high-precision gear reducers and gearboxes. These gear drives are designed to provide precise motion control in various applications. ALPHA gear drives are often used in conjunction with servo motors and other motion control components to achieve accurate and reliable mechanical power transmission.



BOSCH
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Rexroth Linear Bearing and Rail

Bosch Rexroth is a well-known global supplier of advanced automation and control solutions, including linear motion systems. When it comes to linear bearings and rails, Bosch Rexroth offers a range of products designed for precise and reliable linear motion applications in various industries.



IPG Photonics and Raycus laser sources excel in performance, reliability, and versatility, making them a top choice for industrial applications. Key advantages include high power efficiency, long lifespan, precise beam control, and adaptability to diverse materials.

