1.5KW - 20KW

FIBER LASER POWER INCLUDED

CYPCUT LASER SOFTWARE INCLUDED

INDUSTRY LEADING

2 YEAR WARRANTY

1.Raytools Laser Cutting Head;
2.Japan Fuji Servo motor and driver ;
3.Taiwan Apex Rack gear with double driver;
4.Taiwan Hi-win Guide Rail;
5.France moto Reducer;
6.Hanli/SA Water Chiller;
7.CYPCut Control system;
8. Max Laser Source
9.France Schneider electrical part;
10.Japan SMC Pneumatic Components;
11.Lenovo Computer+Auto camera vision system;
12.Heavy Machine Bed 3500+KG;
13.Protection Cover
14. Automatic table

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MACHINE SPECS

Specification Item	Details
Laser Power	1,500W-12,000W
Working Area	60”x120”(1525mmx3050mm)
OverallDimensions	233”Lx106”W x 90”H(5,930 x2,700x2,260mm)
Weight	7,716 lbs
PositioningAccuracy	+0.05mm/1,000mm
RepeatedPositioningAccuracy	+0.02mm /1,000mm
Maximum Speed	60m/min
WorkingEnvironment	Temp:0-45℃,Humidity:5-80%non-condensing
Motion ControlSystem	CypCut
Format	LXD, DXF, PLT, AI, NC etc.
Supply Voltage	Three Phase 208V/240V/480V (Transformer included)
Laser Head	Raytools or BOCI
Lubrication System	Optimized Autolubrication System

SAMPLE

1.5KW-20KW POWER

CUTTING CAPABILITIES REFERENCE CHART

Safety & Compliance

i. Safety features included (e-stops, guards, interlocks)
- Emergency stops, interlocked doors, full enclosure

ii. Compliance certifications (e.g., CE, UL, OSHA, FDA, ATEX)
- CE, OSHA, RoHS

iii. Safety category or Performance Level (PL or SIL rating)
- EN ISO 13849-1 compliant

iv. Risk mitigation notes (if any)
- Automatic shutdown on door opening, smoke extraction system

Installation Requirements

i. Foundation or anchoring details
- Level concrete floor, no anchoring required

ii. Required clearances (for access, ventilation, service)
- 1 m (3.3 ft) clearance on all sides for service access

iii. Environmental requirements (temperature, humidity, cleanroom class)
- 5–40°C (41–104°F), ≤95% RH, non-condensing

iv. Utility connections (electrical, air, water, drains)
- Electrical: 220–240V, 3-phase, 60Hz
- Air: 90–145 psi, 6–10.6 CFM
- Water: Not required

v. Lifting/handling instructions or special tools
- Forklift-compatible base, lift from designated points