

Smart Cube Fiber Laser



Enclosed Metal Cutter
4'x4' Work Area
1500W - 4000W

Specifications:

- **Working Area:** 51" x 51" (1300mm x 1300mm)
- **Z-axis travel:** 4" (100mm)
- **Wattage Available:** 1500W / 2000W / 3000W / 4000W
- **Laser Generator:** IPG
- **Laser Head:** RayTools with Automatic Focusing
- **Control System:** CypCut BCS100
- **Laser Type:** Continuous wave fiber laser 1.07 μ m wavelength, beam quality <0.373 mrad
- **Max. No Load Speed:** 3300 inch/min (84m/min)
- **Positioning Accuracy:** ≤ 0.05 mm/m
- **Repeated Positioning:** ≤ 0.03 mm/m
- **XYZ Servo Motors:** Schneider or Delta (X 1 x 1,000W / Y 2 x 1,500W / Z 1 x 400W)
- **Pneumatic Control:** SMC or AIRTAC
- **Electrical Elements:** Schneider Electric, SMC, etc.
- **Air Assist:** Oxygen or Nitrogen
- **Gross Weight:** 5,500lbs (2,500kg)
- **Dimensions:** 85"W x 91"L x 83"H (2150mm x 2300mm x 2120mm)
- **Other Features:**
 - Automatic lubrication (lubrication reminder available)
- **Included with purchase:**
 - Cooling system: TeYu CWFL-1000/1500/2000/3000 or Comparable
 - Exhaust Fan
 - Operating Software (Cypcut)