Accu Star Fiber Laser

Flatbed Metal Cutter
5'x10' Work Area
1500W - 2000W

Specifications:

- **Working Area:**   60" x 120" (1525mm x 3050mm)
- **Z-Axis Travel:**   4.7" (120mm)
- **Wattage Available:**   1500W / 2000W
- **Laser Generator:**   IPG
- **Laser Head:**   RayTools with Auto Focus
- **Control System:**   CypCut BCS 100
- **Laser Type:**   Continuous wave fiber laser 1.07μm wavelength, beam quality <0.373 mrad
- **Max. Speed:**   2,350 inch/min (60m/min) / Max Acceleration Speed: 0.8G
- **Positioning Accuracy:** ±0.05mm/m
- **Repeated Positioning**:   ±0.02mm/m
- **XYZ Servo Motors:**   Schneider or Delta (X: 1 x 1000W / Y: 2 x 1500W / Z 1 x 400W)
- **Reducer:**   Planetary gear box (France)
- **Energy Chain:**   Igus
- **Electrical Elements:**   Siemens/Schneider Electric
- **Computer:**   Lenovo
- **Power Supply:**   Three Phase 380V
- **Power Consumption:**   15kW-20kW depending on machine wattage
- **Air Assist:**   Oxygen or Nitrogen
- **Dimensions:**   180"L x 90"W x 70"H (4,572 x 2,286 x 1,778mm)
- **Gross Weight:**   6.500lbs (3,000kg)

- **Other Features:**
    - High quality Leitesen rack and pinion guide rails
    - Gantry constructed of special molded aircraft aluminum for rigidity and reliable performance
    - Automatic lubrication system (Lubrication reminder available)

- **Included with purchase:**
    - Cooling system: TeYu CWFL-1000, CWFL-1500, CWFL-2000 or Comparable
    - Exhaust fan: 380V - 50/60Hz - 3KW - 2900rpm
    - Operating Software (Cypcut)

- **Optional Upgrade:**
    - Upgrade to 60" x 240" (1525mm x 6100mm) work area