



## HyTube Fiber Laser

**Tube Cutter**  
**20' Work Area**  
**2000W - 3000W**

### Specifications:

- **Tube length (X-Axis):** 244" (6200mm)
- **Tube Diameter:** Standard round or square: 0.78" to 8.66" (20 to 220 mm)
- **Y-Axis:** 7.87" (200mm)
- **Z-Axis:** 6.3" (160mm)
- **A, B-axis:** Infinite rotation
- **Wattage Available:** 2000W / 3000W
- **Laser Resonator:** IPG
- **Laser Head:** Precitec with Auto-Focus (Germany)
- **Laser Type:** Continuous wave fiber laser 1.07 $\mu$ m wavelength, beam quality <0.373 mrad
- **Max Positioning Speed:** X,Y positioning speed 3,900 inch/min (100m/min) / 100rpm
- **Positioning Accuracy:** X, Y-axis:  $\pm 0.03$ mm/m (Repeat Positioning Accuracy:  $\pm 0.05$ mm/m)  
A, B-axis:  $\pm 30$ " (Repeat Positioning Accuracy:  $\pm 10$ " )
- **Air Assist:** Oxygen or Nitrogen
- **Dimensions:** 472"L x 169"W x 110"H (12,000 x 4,300x 2,800mm)
- **Machine Weight:** 16,534lbs (7,500kg)
- **Other Features:**
  - Accepts multiple tube shapes, including round, square, triangular, rectangular, oval, and waist round.
  - Auto-recognition tube type system allowing multiple different tube types to be loaded together unsorted.
  - Specially designed flexible tube support device keeps a tight grip on the tube during feeding and rotating.
  - FASTCUT CNC system: Integrates professional tube cutting platform for powerful but simple operation.
- **Included with purchase:**
  - Cooling system
  - Exhaust Fan
  - Operating Software
- **Machine Options:**
  - Optional automatic loading by whole package tube
  - 160mm Chuck: accepts up to 6.3" diameter (160mm)
  - 320mm Chuck: accepts up to 12.6" diameter (320mm)
  - 400mm Chuck: accepts up to 15.7" diameter (400mm)
  - 500mm Chuck: accepts up to 19.7" diameter (500mm)