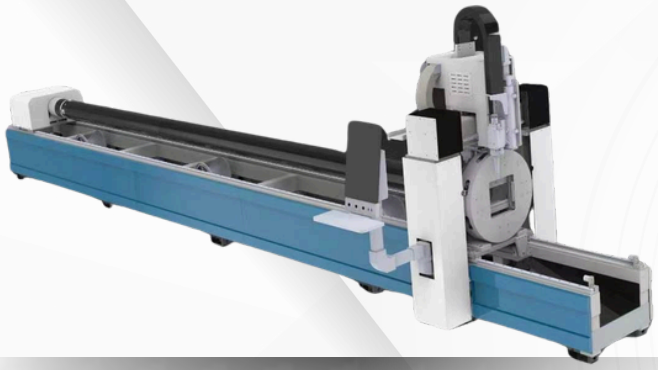
LONE STAR CUTTING SOLUTIONS

# Longhorn

## LASER TUBE CUTTING MACHINE

SCAN TO LEARN MORE ABOUT THE LONGHORN



### COMPATIBLE MATERIAL PROFILES

### WHY CHOOSE LONGHORN?

- ✓ Affordable entry point into fiber laser tube cutting
- ✓ Compact footprint maximizes shop floor space
- ✓ Processes multiple tube and profile types on a single machine
- ✓ High-speed laser cutting improves throughput and productivity
- ✓ Simple operation with built-in graphics library and intuitive controls

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Available Lengths | 24ft |
| Cutting Process | Fiber Laser |
| Cutting Function | Straight Cutting |
| Cutting Accuracy | ±0.011 in |
| Cutting Speed | Up to 314 ipm |

### MACHINE FEATURES

- Process round tube, rectangular tube, angle, channel, and oval profiles
- RayTools CNC Control System
- Built-in graphics library
- High-Speed tube processing
- Gear and rack transmission system
- Auto material indexing
- High Pressure air or O2
- Use-friendly operator interface

### LONGHORN SERIES 6

- Max. Round: 6 inches
- Max. Square: 6" x 6"
- Max. Angle/Channel: 6 inches
- Fiber Laser: 3kW or 6kW

### LONGHORN SERIES 12

- Max. Round: 12 inches
- Max. Square: 10" x 10"
- Max. Angle/Channel: 10 inches
- Fiber Laser: 3kW or 6kW

### FIBER LASER - MAXIMUM CUTTING CAPACITY

| LASER SOURCE | MILD STEEL | STAINLESS | ALUMINUM | BRASS | COPPER |
|---|---|---|---|---|---|
| 3.0Kw | 1/2" | 1/4" | 3/16" | 3/16" | 3/16" |
| 6.0Kw | 3/4" | 5/8" | 5/8" | 5/16" | 1/4" |

### LET'S BUILD YOUR SOLUTION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### IDEAL APPLICATIONS

- Mechanical & HVAC
- Structural Fabrication
- Pipe Fabrication
- Sign & Display Manufacturing