

## 6" BLM #Lasertube LT7



### 6" BLM Laser Tube Cutting Machine

- Model: Lasertube LT7
- Specifications (preliminary subject to buyer)

- **Stock Number:**  
AM21299C
- **Brand:** BLM
- **Capacity:** 6 inches

confirmation):

- Diameter range: 12mm (1/2") to 125.4mm (6")
- Capable of processing round, square, rectangular and special shaded tubes plus angle iron, channel and flat bar
- Round tube diameter
- Minimum: 12mm (1/2")
- Maximum: 152.4mm (6")
- Square/Rectangular tube diameter:
- Minimum: 12mm x 12mm (1/2" x 1/2")
- Maximum: 15.4mm x 152.4mm (0.6" x 6")
- Maximum diagonal: 215mm (8.5")
- Material types: mild steel, stainless steel, aluminum, other alloys
- Maximum bundle weight: 5,000 kg (11,000 lbs)
- Maximum bar weight: 23 kg / meter (15 lbs / foot)
- Tilt cutting head: +/- 45 degrees

Includes (preliminary subject to buyer confirmation):

- BLM ADIGE 'Tube' Cutter 3D cutting head with Active Focus
- Siemens Simatic PC touch screen controller
- Control interface - guided graphical operator interface (HMI)
- Tele-diagnostic capability via internet connection
- Fully automatic bundle loader
- Maximum bar length: 8.5m (27'10")
- Minimum bar length: 1.9m (6'3")
- Finished part unloader
- Maximum part length: 4.5m (14') front
- Universal support rollers
- IPG YLS 4 kW fiber resonator - 4 kW compact multi-mode fiber laser system
- IPG closed loop chiller - provides laser resonator cooling
- Front conveyer shuttle tables for cut parts collection

Active tools:

- Active Speed - independently modulate all parameters in a coordinated way to cover entire cutting range with a quality cut
- Active Piercing - faster piercing on thicker material to increase productivity
- Active Focus - automatic adjustment of focal length to handle varying thickness
- Active Marking - mark your part, track your job
- Technology package:
- Active Scan - laser/camera measurement system for compensations of bow/twist (standard shapes)
- Active Weld - camera weld system

(internal/external)

- Delicate tube handling - rubber and nylon guards designed to minimize tube marring
- Rear scrap conveyor - metal belted conveyor to collect part scrap and end cuts
- Sideros dust collector EC04 HC/S
- Side parts kit - comprised of consumable spare parts

#### ARTUBE:

- USB hardware key
- CAM module
- IGES / STEP importation module
- CAD module
- Part viewer - graphical simulation of part programs to demonstrate feasibility
- Guards and fencing
- Fume extraction and filtering system
- Water chiller system
- Auxiliary components