

FROM \$114,300+GST

LF60M TUBE FIBER

Tube Fiber Laser - Manual Loading

Power : 1kW, 1.5kW, 2kW, 3kW, 4kW, 6kW

Tube (L): 6m (standard), 9m and 12m available

Tube (Dia.): 20-240mm (standard)

20-280, 20-360mm chuck available

Laser source : MAX, Raycus or IPG



“The LF60M is our manual loading tube cutting machine. With quick pneumatic clamping design the machine will clamp down onto any diameter from 20-240mm as standard (or 20-360mm with chuck upgrade) without the need to change or adjust the clamping chuck. Fractional automatic supports keep the tube perfectly supported along the length while cutting and the enclosure surrounding the cutting head provide protection for the operator. ”

FEATURES:

- Up to 7m tube stock with model LF60M (10m stock length LF90M, 12.5m stock length with LF120M)
- Small end piece requirement – 100mm
- Dual electronic tube clamping and alignment - no manual chuck adjustment required
- Clamping range 20-240mm standard (20-280mm Chuck or 20-360mm chuck upgrade available)
- Fractional automatic supports along the length of the machine to avoid deformation during cutting (servo-controlled option available for longer weaker profiles such as bar and angle iron)
- Cypcut controller using TubesT Pro professional tube cutting and design software - allowing for all closed and open tube profiles, custom profile design, 3D cut design, array/nesting etc.
- Cypcut 5000 control system with BCS100 Automatic material tracking system track the capacitance anomalies to predict and avoid collisions and controls the tube support height electronically to improve cutting quality and precision
- BOCI or Raytools precision automatic focussing laser head with fine 3D tip (5-axis options available)
- Large Portrait style monitor screen with wireless controller
- TBI Ball screw drive system
- Panasonic Servo motors
- Hiwin guide rails
- Automatic lubrication system
- Electronic regulators for all gas connections O₂, N₂ and compressed air, allowing for fully software controlled pressure



