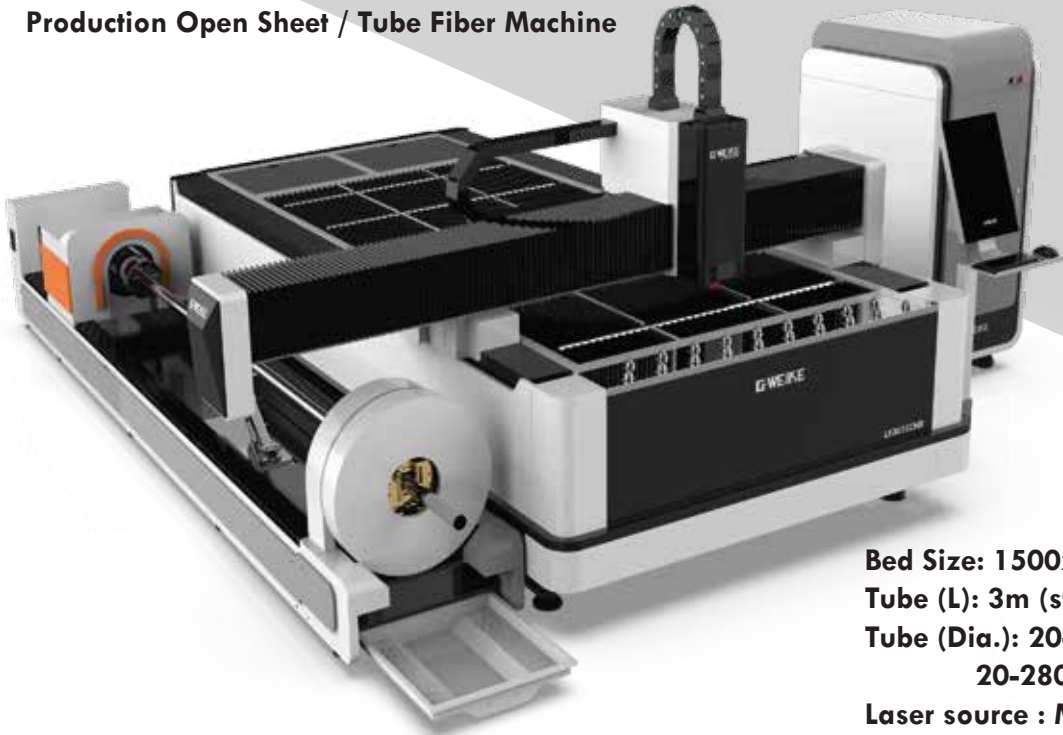


FROM \$119,800+GST

LF3015CNR FIBER LASER

Production Open Sheet / Tube Fiber Machine



Bed Size: 1500x3000mm Bed
Tube (L): 3m (standard), 6m, 8m
Tube (Dia.): 20-240mm (standard)
20-280, 20-360mm chuck
Laser source : MAX, Raycus or IPG
Power : 1kW, 1.5kW, 2kW, 3kW, 6kW

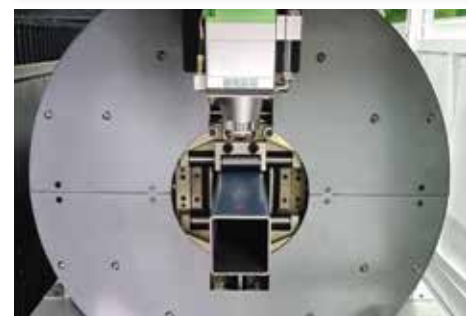
“The LF3015CNR is our production combination sheet and tube cutting machine in open format class 4 laser. Open up the possibilities for all your future fabrication projects. Cut round/Square/RHS standard closed profile tube with the basic TubesT Lite software, or upgrade to the TubesT Pro to cutting open profiles (C-channel/H-beam/Angle/Custom profiles shapes, draw detailed cuts and designs etc. Chuck options from 20-360mm diameter, tube length options up to 8m.”

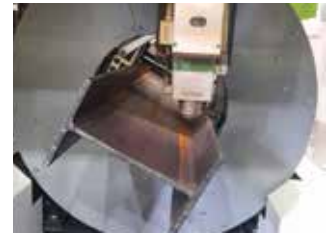
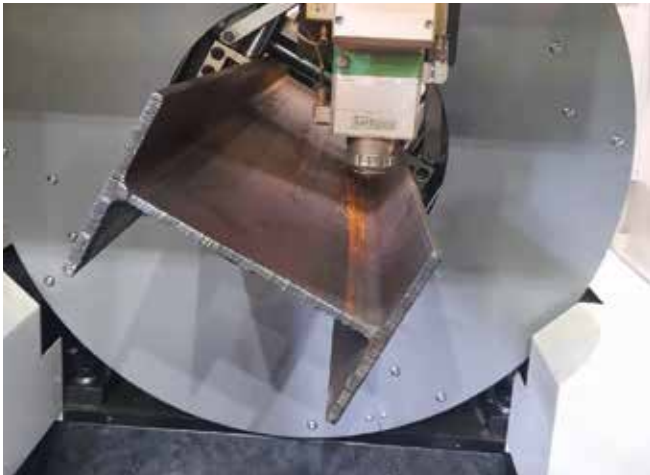
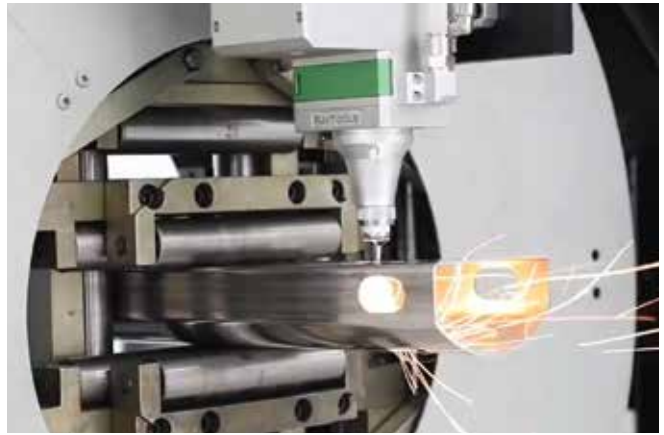
FEATURES:

- 3000x1500mm open sheet cutting bed
- 3m tube length (standard, 6m or 8m available)
- 20-240mm tube (standard), 20-280 or 20-360mm chuck available
- Support rollers for precision cutting - avoiding tube flex
- Separate air-conditioned electrical cabinet
- Cypcut software for sheet cutting, TubesT Lite for tube cutting (standard) TubesT Pro upgrade recommended
- BCS100 Automatic material tracking - Follows material surface allowing cutting of materials with slight bending or warping
- BOCI or Raytools precision automatic focussing laser head
- Positioning and re-positioning accuracy 0.02mm
- Large Portrait style monitor screen
- Built-in computer, screen and wireless controller
- Aviation 3rd generation aluminium gantry - Lightweight/strong
- Yaskawa motor drive - 1.5G Acceleration
- YYC rack pinion and gear system
- French Moto Reducer gear reducer
- Heavy pallet welded bed - for increased stability and lifetime
- Automatic lubrication system
- Ball bearing rollers for loading on the front
- Drive assembly below bed allowing for easy loading
- Electronic regulators for all gas connections O₂, N₂ and compressed air, allowing for fully software-controlled pressure



WHY BOCI?
Easy servicing
Lens monitoring
Gas monitoring
Precision tracking





Technical Parameters	Specification
Laser Power	1kW / 1.5kW / 2kW / 3kW / 4kW / 6kW
Bed size	3000 x 1500mm (also available in 4000x1500mm, 4000x2000mm, 6000x2000mm)
Tube Length	3m Standard (6m or 8m available)
Clamp Diameter	20-240mm standard (20-280mm Chuck or 20-360mm chuck upgrade available)
Machine Size	4600*3500*1700mm
Laser source type	MAX, Raycus or IPG
Laser Head Type	Automatic focussing laser head 1-2kW = Raytools BM111 3kW = BOCI BLT421 4-6kW = BOCI BLT441
Cooling Type	Industrial Water Cooling – S&A water chiller
Moving Speed	120m/min
Acceleration	1.0G
Laser Output Control	0-100% set by software
Drive method	YYC Rack and pinion system, Moto Reducer gear reducer, with Yaskawa motor drive
Positioning Accuracy	0.02 mm
Re-positioning accuracy	0.02mm
Minimum line width	0.1mm
Controlling Software	Cypcut Control System 2000E – sheet cutting, TubesT lite (standard) or TubesT Pro upgrade - tube
Graphic Format Supported	Graphics files - Ai, DXF, PLT, Gerber, G code – MaterCam, Type3, Wentai etc.
Compatible Software	Illustrator, photoshop, CorelDraw, Autocad, Solidworks, MaterCam, Type3, Wentai etc.
Colour Separation	Yes (imports colours to control cutting layers)
Auxiliary Equipment	Exhaust Fan, Industrial water-cooling unit
Power Supply	Machine: 1kW = 415V 50Hz 20amp 1.5kW = 415V 50Hz 32amp 2kW = 415V 50Hz 50amp 3kW = 415V 50Hz 50amp 4kW = 415V 50Hz 60amp 6kW = 415V 50Hz 63amp
Gas Regulation	Software controlled electronic low- pressure O2 regulator (for fine adjustment at low pressure) And high pressure N2 and Compressed air electronic regulator (high pressure cutting)
Gas connection	O2 (mild steel and copper cutting) – 4 pack min Min 99.7% purity – 10m3/h maximum flow rate – 10bar max pressure N2 (Stainless, Aluminium, Brass and thin Mild steel cutting) – 9 pack min Min 99.9% purity – 40m3/h maximum flow rate – 24bar max pressure Compressed air (Stainless, Aluminium, Brass and thin Mild steel cutting) SEE OUR 18DHY-18Bar or 20DHY-20Bar COMPRESSOR OPTIONS
Working Environment	Temperature:0-45C, Humidity 5-95% (No Condensate Water)