

FROM \$89,900+GST

LF3015P PRO FIBER LASER

Enclosed Compact Fiber laser with slide out table

Bed Size: 1500x3000mm Bed

Laser source : MAX, Raycus or IPG

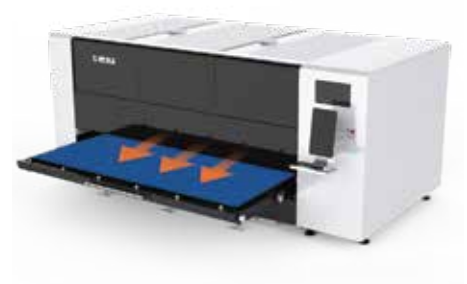
Power : 1kW, 1.5kW, 2kW, 3kW, 4kW, 6kW



“The LF3015P Pro is our new 3000x1500mm bed size machine, with slide-out table. This innovative design allows for a fully enclosed large-format bed size with minimal footprint in your factory floor. With slide out table, this machine can be easily loaded by overhead crane, jib-crane, forklift or by hand. The sliding table magnetically locks into place, with electronic closing access door for the ultimate safety enclosure.”

FEATURES:

- 3000x1500mm fully enclosed machine
- Smooth manual slide-out table design with magnetic locking
- Electronic closing main door/lid
- Compact design with built-in electronic cabinet
- Built in internal cameras and monitoring screen
- Cypcut software - Easy to use and compatible with most files
- Automatic edge seeking/ nesting / fly-cutting etc.
- BCS100 Automatic material tracking - Follows material surface allowing cutting of materials with slight bending or warping
- BOCI or Raytools precision automatic focussing laser head
- Large Portrait style monitor screen
- Built-in computer, screen and wireless controller
- Aviation 3rd generation aluminium gantry - Lightweight/strong
- Yaskawa motor drive - 1.0G 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 the bed on both sides allowing for easy loading and offloading
- Head tracking under-table exhaust system- follows the head while cutting for maximum extraction, exhaust fan included.
- Electronic regulators for all gas connections O₂, N₂ and compressed air, allowing for fully software-controlled pressure





“Highlighting above the compact all-in-one design, 90degree orientation of the gantry with longer X axis, allowing for faster overall production. High pressure extraction through the frame tracking the head which allows for optimal extraction, pull-out table design and Raytools precision cutting head.”

Technical Parameters	Specification
Laser Power	1kW, 1.5kW, 2kW, 3kW, 4kW, 6kW
Bed size	3000 x 1500mm
Machine Size	4700*3330*2415mm
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	80m/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	0.03 mm
Re-positioning accuracy	0.02mm
Minimum line width	0.1mm
Controlling Software	Cycut Control System 2000E, including nesting, edge seeking and automatic crash protection
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)