

FROM \$103,500+GST

LF3015GA FIBER LASER

Production Enclosed Fiber Laser with Rear Loading Table

Bed Size: 1500x3000mm Bed, 1500x3000mm loading table

Laser source : MAX, Raycus or IPG

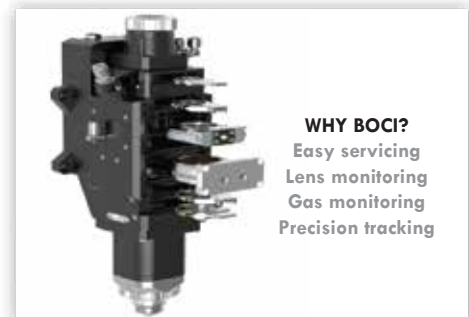
Power : 1kW, 1.5kW, 2kW, 3kW, 4kW, 6kW, 8kW, 12kW, 15kW, 20kW

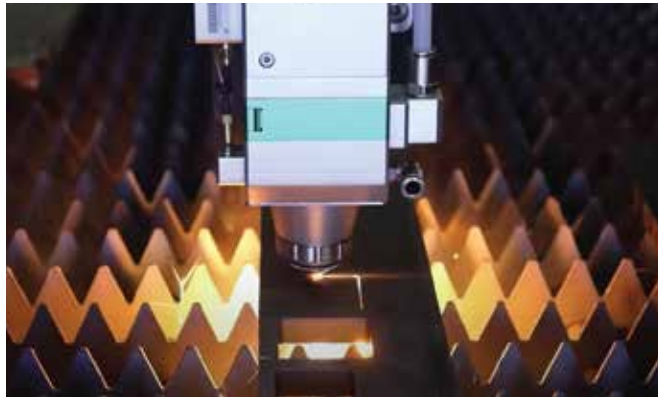
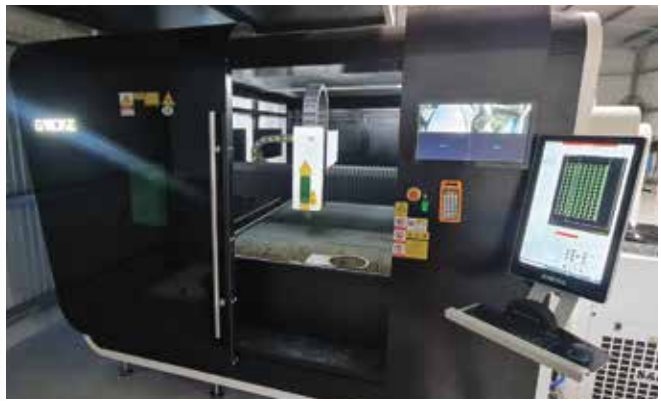
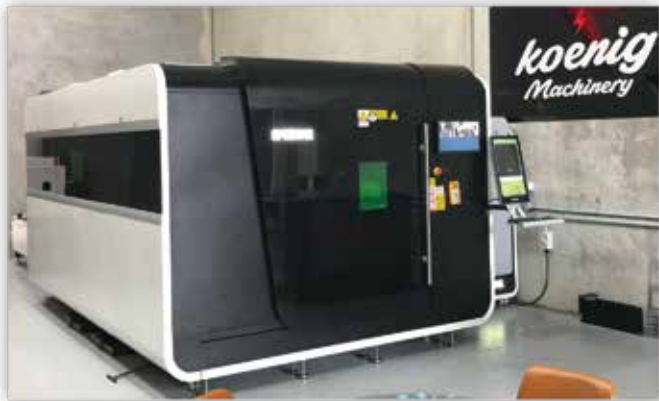


“The LF3015GA is our most popular machine. With rear loading table and separate air-conditioned electrical cabinet this machine is the ideal heavy production solution for all Australian climates. This model has a larger Yaskawa motor set that the LF3015GA Pro or LF3015P Pro, giving it huge 1.5G acceleration, for faster cutting/jogging time and therefore production time.”

FEATURES:

- 3000x1500mm fully enclosed machine with loading table
- Fully enclosed main table, with interlocking safety sensors
- Separate air-conditioned electrical 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 - 1.5G 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 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





“Electrical cabinet can be located on the left, right or alternative location depending on your factory layout. Full enclosure with large access door, internal cameras, monitoring screen and large portrait style control screen. With 6kW cut up to 25mm mild steel. Above, cutting 12mm plate like butter!”

Technical Parameters	Specification
Laser Power	1kW, 1.5kW, 2kW, 3kW, 4kW, 6kW, 8kW, 12kW, 15kW, 20kW
Bed size	3000 x 1500mm with loading table (also available in 4000x1500mm, 4000x2000mm)
Machine Size	8120*2849*2310mm
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 8kW+ = BOCI BLT642H
Cooling Type	Industrial Water Cooling – S&A water chiller
Moving Speed	120m/min
Acceleration	1.5G
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	Cypcut 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 6kW = 415V 50Hz 63amp 1.5kW = 415V 50Hz 32amp 8kW = 415V 50Hz 80amp 2kW = 415V 50Hz 50amp 12kW = 415V 50Hz 100amp 3kW = 415V 50Hz 50amp 15kW = 415V 50Hz 120amp 4kW = 415V 50Hz 60amp 20kW = 415V 50Hz 150amp
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)