

ISO 9001:2015 CERTIFIED COMPANY



*Trust
in
quality
with
us*



MECHOTRONICS PVT. LTD.



INTRODUCTION

"Trust in Quality with Us" is another name of Sigma Mechatronics Pvt. Ltd. Sigma Mechatronics Pvt. Ltd. has been in Laser, CNC and Industrial automation industries since most recent 20 years. We are the well reputed manufacturer and supplier of laser machines for innovative customized applications. In the range of latest most recent 20 years, our directors' diligent work indicate our business new apex state.

We predominantly deal in so many types of laser items which accept worldwide highly developed technology, for example, Fiber Laser Cutting Machine, Fiber Laser Marking Machine, Laser Welding, Solar Cell Scribing Machine, Micro Machining, Diamond Laser Cutting 4P Machine and CNC Industrial Automation, and so forth.

We also provide spare parts of related machineries. Our highly trained, skilled & enthusiastic production & service team supports the customers in every stage so as to achieve the peak level & most reliable quality control. In India we are managing many organizations and now energetic to shake hands with abroad organizations. Essentially, the primary vision of the organization is to give Best Quality items to the clients and Provide "Speedier and Superior after Sales Services" to end clients according to their Requirements.

WHAT IS SIGMA ?

Sigma is a consequence of amazing understanding of all Directors. Sigma is not just a name but it is a brand which gives you innovative customized technology for Laser Machineries, which resulted error free & Quality products.

The company has well equipped R & D department at its assembling unit at Ahmedabad, Gujarat, India. The company has a decent client base for laser applications as well as strong support services in design, software, hardware and spares. As a strong customer focused approach and the constant quest for quality has enabled Sigma to achieve success in its core business. Besides, the end users are richly benefitted by the material processing methods undertaken by Sigma at its laser job shops located at different locations in Ahmedabad, Baroda, Surat, Pune, Bangalore etc.

As a firm client centered methodology and the consistent mission for quality has empowered Sigma to make progress in its center business. In addition, the end clients are luxuriously profited by the material preparing techniques attempted by Sigma at its laser workshops situated at various areas in Ahmedabad, Surat and so forth.

FIBER LASER CUTTING MACHINE OPEN TYPE WITH SINGLE PALLET

CF 3015B

Technical Data

laser power	300 W to 6 KW*
laser wavelength	1064 nm
working size	3000 X 1500mm*
Max. positioning speed	100m/min
Max. accelerated	1.0G/2.0G*
X,Y-axis positioning accuracy	± 0.05mm
X,Y-axis repeating positioning accuracy	± 0.03mm
Working voltage	380V 50HZ
Total power	8 to 45 KW*
Transmission	Precise pinion and rack, dual-drive transmitting*

* Option Available

300W TO 6KW CF 3015B



CFH3015B
Samples
demonstration



**FIBER
LASER CUTTING
MACHINE
OPEN TYPE
WITH AUTO
EXCHANGEABLE
PALLET CHANGER**

CF 3015B

Technical Data

laser power	300 W TO 6KW*
laser wavelength	1064 nm
working size	1500 x 3000 mm*
Max. positioning speed	100m/min
Max. accelerated	1.0G/2.0G*
X/Y-axis positioning accuracy	± 0.05mm
X/Y-axis repeating positioning accuracy	± 0.03mm
Working voltage	380V 50HZ
Total power	8 to 45KW*
Transmission	Precise pinion and rack, dual-drive transmitting*

* Option Available

300W TO 6KW CF 3015B



CFH3015B
Samples
demonstration



FIBER LASER CUTTING MACHINE WITH TUBE / PIPE CUTTING ATTACHMENT

CFT 3015B

Technical Data

laser power	300 W TO 6KW*
Function	Sheet, Square, Rectangle & Round Pipe
Max. Router of Tube/pipe	3000/6000 mm*
Max. Dia of round tube	150mm / 200mm
Mini. Dia of round tube	25mm / 50mm
Max. Size of square tube	Diagonal <=200mm
Positioning accuracy	± 0.03mm/m
Max. rotary speed	33r/min
Max. loading weight	120kg
Feature	Low speed rotate, Hig loading weight

* Option Available

300W TO 6 KW CFT 3015B



CFT3015B
Samples
demonstration



FIBER LASER CUTTING MACHINE CLOSE TYPE WITH AUTO PALLET CHANGER & KENOPY

CFH3015A

Technical Data

laser power	300W
laser wavelength	1064 nm
working size	1500 x 3000 mm
Max. positioning speed	100m/min
Max. accelerated	1.0G/2.0G*
X/Y-axis positioning accuracy	± 0.05mm
X/Y-axis repeating positioning accuracy	± 0.03mm
Working voltage	380V 50HZ
Total power	8 TO 45KW*
Machine weight	10000 Kg*
Transmission	Precise pinion and rack, dual-drive transmitting

*Option Available



300W TO 6KW CFH 3015A



CFH3015A
Samples
demonstration



FIBER LASER CUTTING MACHINE NANO

- Mainly used for small & Precision Parts of Gold, Silver, Brass, Copper, Aluminum, S.S. & M.S.
- Full enclosure protection design.
- High-speed , High-precision , High-reliability.
- Easy and convenient to operate

CF0505

Technical Data

Laser Power	300 / 500 / 700 / 1000W*
Servo Motors Drive	Panasonic / Yaskawa*
Working area	505x505mm/805X805mm* with marble
Cooling System	Constant temperature, water cooling
Overall power consumption	<9KW*
Working voltage	220V 50Hz(60Hz)



CLOSE TYPE - NANO 300W TO 1KW CF0505

CF0505
Samples
demonstration





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Manufacturing Plant

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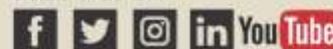
Bangalore

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