

OUR
NETWORK



MEHTA CAD CAM SYSTEMS PVT. LTD.

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PATNA | LUCKNOW | SURAT | RAJKOT | RANCHI | BHUBANESHWAR | GUWAHATI | HUBLI | VIJAYAWADA | COIMBATORE | COCHIN | AGRA | GOA

Gloria
Series



2nd
Generation
Machine

GLORIA FIBER LASER
METAL CUTTING MACHINE

300W / 500W / 750W / 1000W / 1500W / 2200W / 3300W / 4000W / 6000W

Since 1989



About Us

The excellent reputation in the global market

equipped with key components from well known genuine brand from U.S.A., Germany, Russia, China

Mehta Cad Cam has pioneered Laser, CNC & Digital Printing technology applications in the wide diaspora of the Indian Industry.

Constant Innovation & Progressive investments over last 25 years makes Mehta Cad Cam the largest origination with three huge manufacturing plants & Head office in Ahmedabad. Over 22 branch offices across India, employing over 600 people and a developing distribution network world wide make Mehta Cad Cam the Market Leader.

Organizations Core values – Passion for Quality and Services are reflected by the In-house 'State of the Art' R & D facility that gives a cutting edge to the integrated automated manufacturing unit. Our products include fiber laser metal cutting machines, laser welding machines, CO2 laser engraving & cutting machines, online and offline marking machines for various applications for a wide range of fields in different industries. Mehta also provide almost all robotics solutions for laser cutting, welding in co2 and fiber laser.

The Founders at Mehta Cad Cam are committed to constantly develop the products and its applications to serve the customers by educating them of these new advancements in technology and thus enabling them to grow their business and in turn their life style.

Mehta Cad Cam has strategic partnerships and collaborations with key component manufactures in Germany, USA, Russia & China Etc. The integration of these quality key components makes the Mehta Cad Cam products are well known for reliability and performance not only in India but across the world.

Spectrum of Services

Project consultancy

Pre installation support

Onsite Installation

Training

Machine optimization

Preventing maintenance support

Onsite trouble shooting

Remote assistance

Component repairing

Spare parts support

Your satisfaction, happiness and growth

Other Range of Laser Products

Fiber Laser Marking Machine

Fiber Laser Welding Machine

Fiber Laser Cleaning Machine

Co2 Laser Engraving & Cutting Machine

Co2 Laser Marking Machine

Co2 3D Dynamic Laser Marking Machine for Large Marking Area



Saving of expensive metal sheet materials and saving of total cutting time is most important to increase the productivity and profitability. Trooper nesting and cutting software is the right answer to your this requirement. Trooper software will increase your programming efficiency, material utilization, cutting productivity dramatically.

The major advantage of Trooper Software

Trooper Software (Optional)

Import

- It can import any numbers of files at single time
- It can import DFX, DWG, CDL, IGES files
- Interactive mapping in trooper (geometry correction, string tags, layer mapping, multiple parts)

Nesting

- It can nest any numbers of sheets together
- It has a multiple nesting strategy
- Automatic common line nesting in Trooper with multiple strategies.

Programming

- Multiple Cutting orders
- Part Avoidance, Auto Bridge, Auto tabs and auto chain
- Automatic cropping of remnant
- Common line strategies
- I-Pierce (For pierce reduction)

Other Advantages

- Can manage compensation from Trooper itself (Kerf in computer)
- Can manage part library
- Multiple leadin\Leadout options
- Sheet inventory management
- And Many More....

Please contact at
92279 85721

GLORIA FIBER LASER METAL CUTTING MACHINE

Application Industries

Applied In Sheet

- **Metal Sheet Processing**
- **Aviation**
- **Aerospace**
- **Electronics**
- **Tube Fitting**
- **Automobile**
- **Food Machinery**
- **Textile Machinery, Precision Parts**
- **Ships**
- **Metallic Equipments**
- **Elevators**
- **Household Appliances Kitchen**
- **Utensils and Applications**
- **Craft Gifts**
- **Tool Processing**
- **Decoration**
- **Advertising**
- **Job Shop & Many other**
- **Manufacturing Industries**

Range of Materials that can be cut

- **Mild Steel**
- **Stainless Steel**
- **Aluminum**
- **Brass**
- **Copper**
- **Galvanized Sheet**
- **Titanium & more**



Mehta's Advance Cutting Heads



AC Servo Motors, Yaskawa, Japan



High Precision Helical Rack and Pinion



Low Backlash, Noise Less, High Precision Gear Box



Heavy Duty Structure



Aluminium Casted Beam



Imported Trouble Free Chiller

Machine Features

High quality rack & pinion, LM guide, gear box

effectively ensure laser cutting speed and accuracy.

Machine Frame and worktable adopts integrated welding made as standard large machine after stress relief annealing, machining on plano miller and then the vibration aging treatment. These sequence of processing of frames makes it high strength, high precision and keep the normal use of 20 years without deformation.

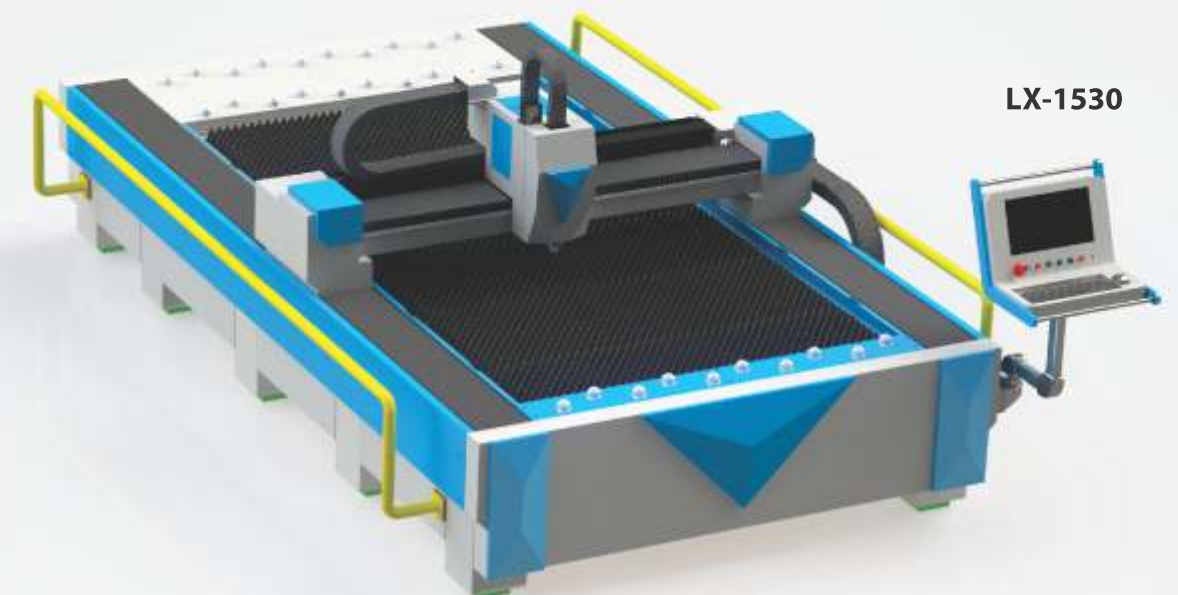
X and Y axis equipped with Yaskawa Japan, A.C servo motors and aluminum casted cross beam gives high precision, high speed, big torque, big inertia, performance stability and durability, guarantee the high speed and acceleration of the whole machine.



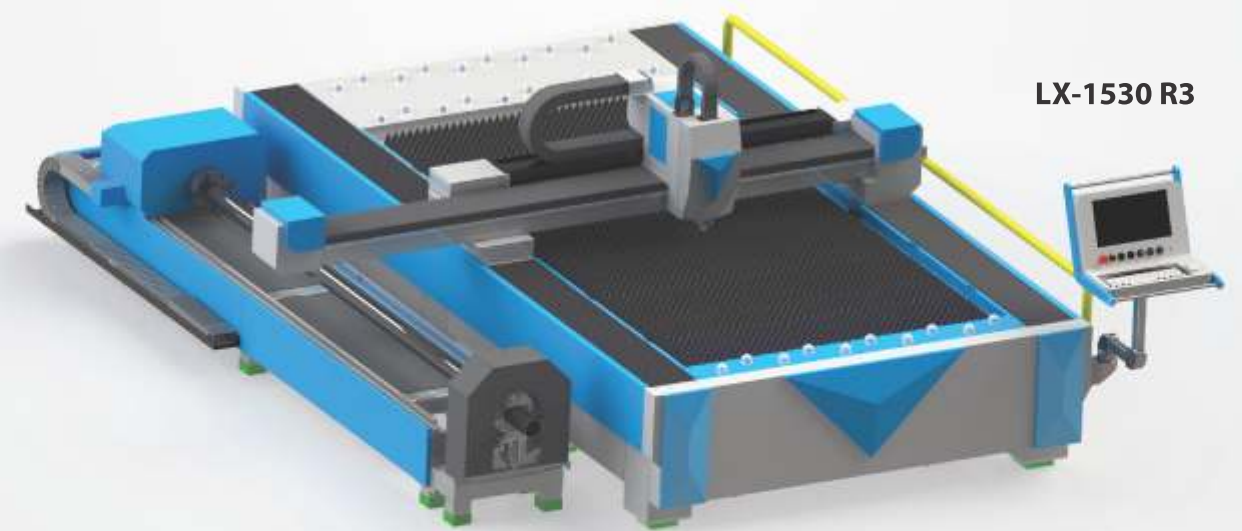
MCH-1R
Cutting Head
upto 2 KW

Gloria LX

For 500W, 750W



LX-1530



LX-1530 R3

Working Area: Standard

1300 mm x 2500 mm

1500 mm x 3000 mm

2000 mm x 4000 mm

Any size can be manufactured as per customers specifications.



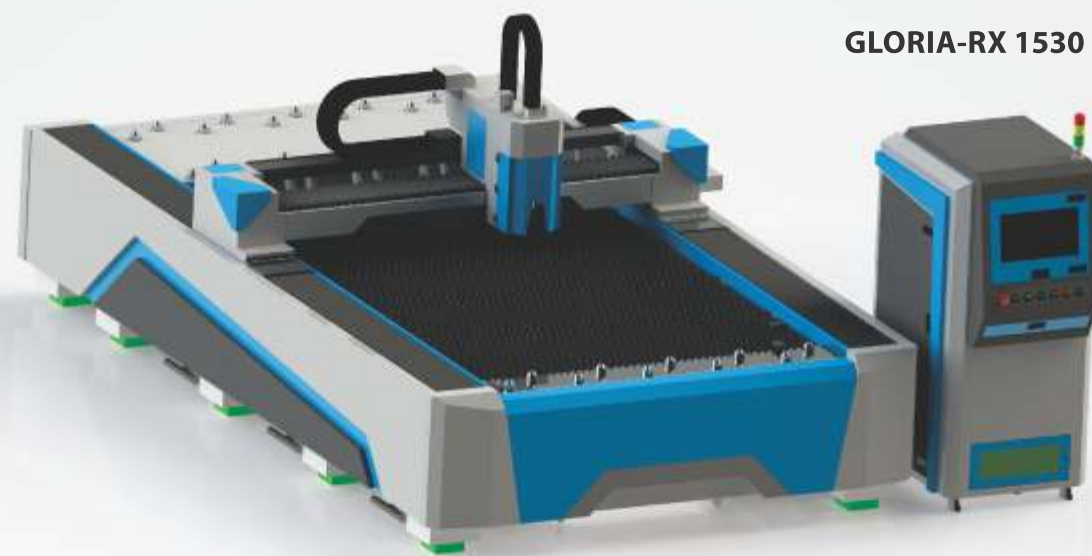
MCH-1R
Cutting Head
upto 2 KW



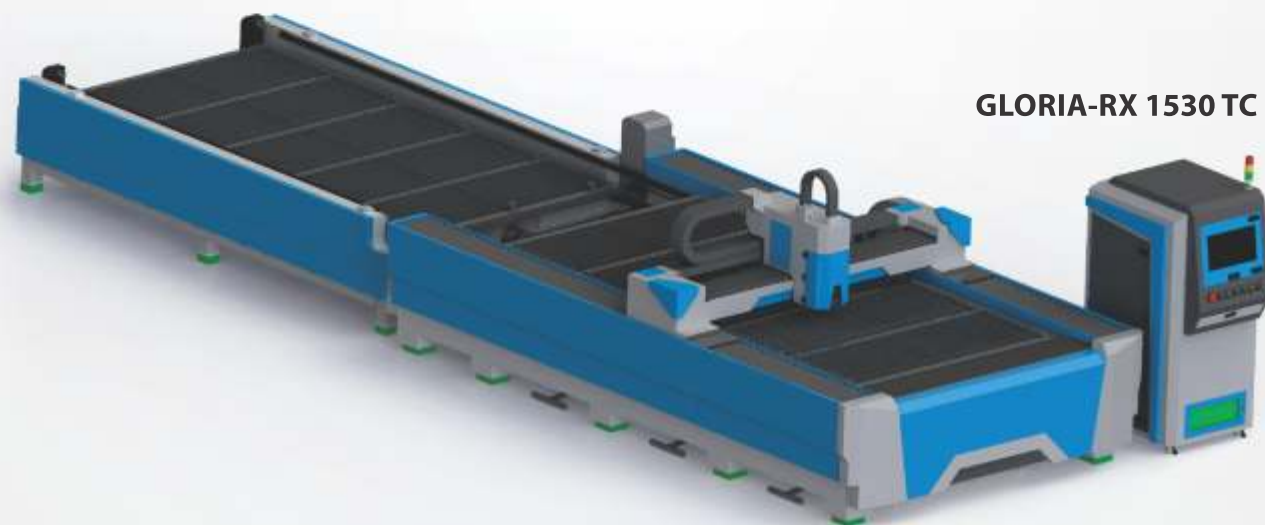
MCH-4A
Auto Focus Cutting Head
upto 4 KW

Gloria RX

For 1KW, 1.5KW



GLORIA-RX 1530



GLORIA-RX 1530 TC

Working Area: Standard

1300 mm x 2500 mm

1500 mm x 3000 mm

2000 mm x 4000 mm

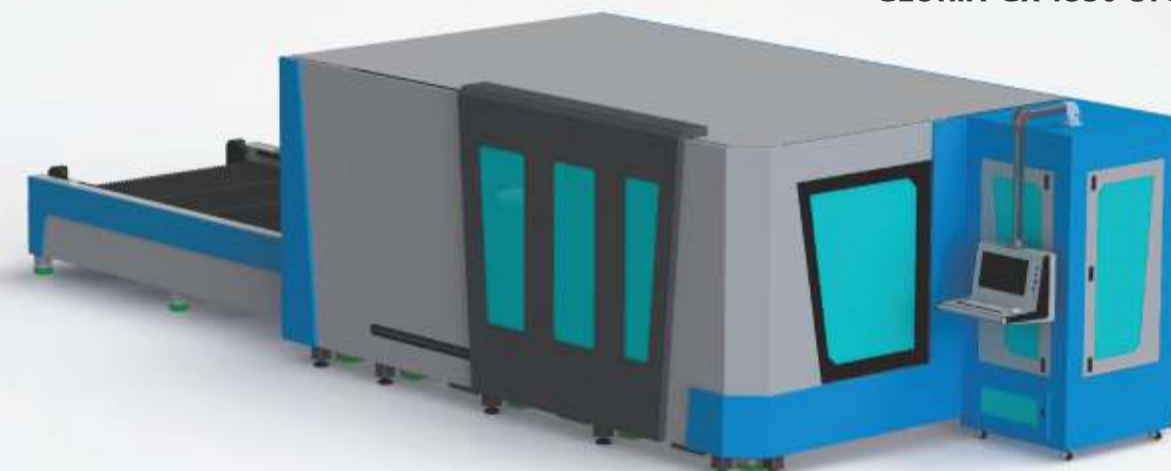
Any size can be manufactured as per customers specifications.



MCH-4A
Auto Focus Cutting Head
upto 4 KW

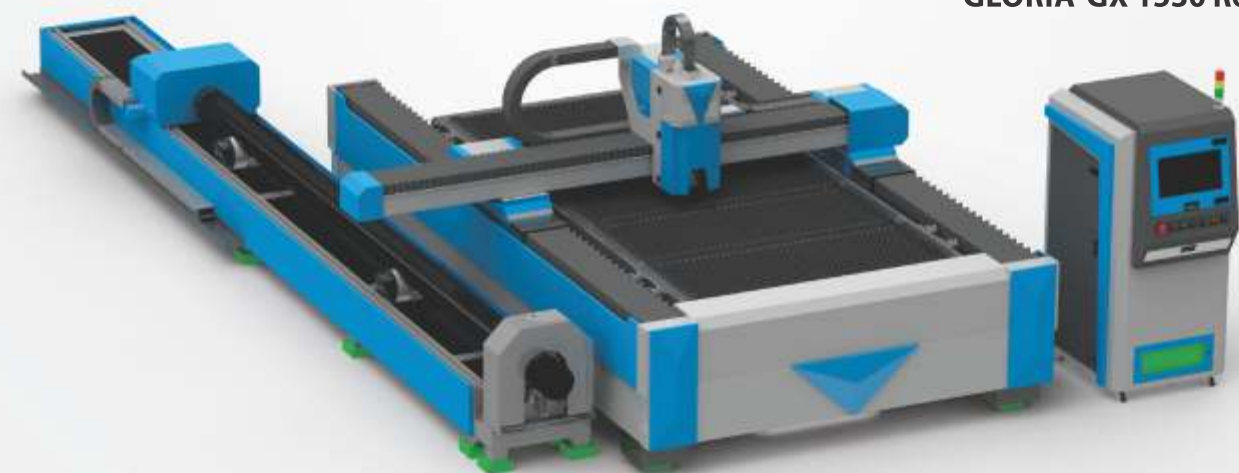
Gloria GX

For 2.2KW, 3.3KW



GLORIA-GX 1530 CTC

Our close body structure is designed with side door opening which is very convenient for operations & maintenance.



GLORIA-GX 1530 R6

Working Area: Standard

1300 mm x 2500 mm

1500 mm x 3000 mm

2000 mm x 4000 mm

Any size can be manufactured as per customers specifications.

Specification

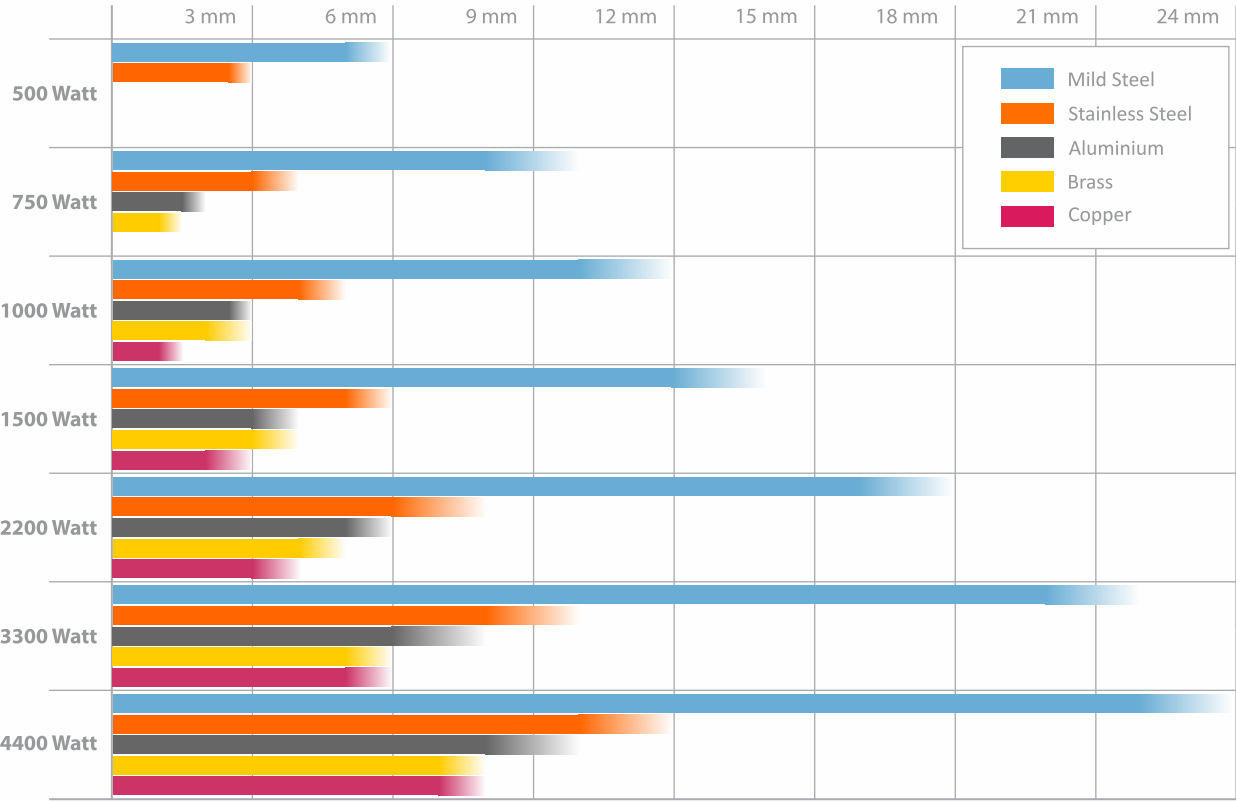
Model	LX-1530	RX-1530	GX-1530
Working Area	5 feet X 10 feet	5 feet X 10 feet	5 feet X 10 feet
Laser Source	500 / 750 Watt	1000 / 1500 Watt	2200 / 3300 Watt
Laser Type	Imported Original Fiber Laser	Imported Original Fiber Laser	Imported Original Fiber Laser
Laser Wavelength	1080 nm	1080 nm	1080 nm
Cutting Head	MCH-1R	MCH-1R / MCH-4A	MCH-4A
Max. Cutting Speed	30 m/min	40 m/min	60 m/min
Max. Traveling Speed	120 m/mm	120 m/mm	140 m/mm
Position Accuracy	<± 0.04 mm	<± 0.04 mm	<± 0.04 mm
Minimum Line Width	< 0.12 mm	< 0.12 mm	< 0.12 mm
Cooling System	Water Cooling	Water Cooling	Water Cooling
Drives & Control	Yaskawa 1.3 kw	Yaskawa 1.8 kw	Yaskawa 2.9 kw
Working Voltage	AC 440V	AC 440V	AC 440V
Weightage	3 ton	4 ton	6 ton

Specifications are liable to change without prior notice.

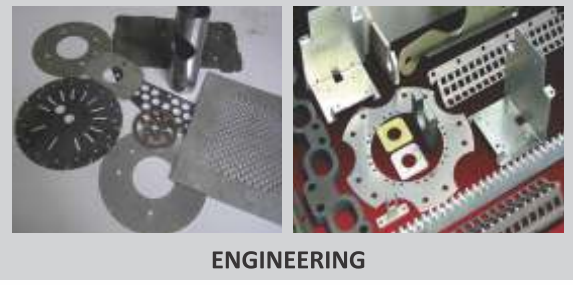
Gloria Machine
Model No List

Model No.	Working Area	Description
LX SERIES		
Gloria LX-1325	1300 x 2500 mm	Laser Cutting machine with 4 ft. x 8 ft. working area
Gloria LX-1530	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area
Gloria LX-1530R-3/6	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Rotary Attachment. for 3/6 Mtrs Pipe
Gloria LX-2040	2000 x 4000 mm	Laser Cutting machine with 6.5 ft. x 13 ft. working area
RX SERIES		
Gloria RX-1530	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area
Gloria RX-1530R-3/6	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Rotary Attachment. for 3/6 Mtrs Pipe
Gloria RX-1530TC	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing Facility.
Gloria RX-1530CTC	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing & Close Body Facility.
Gloria RX-1530TCR	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing & Rotary Attachment Facility.
Gloria RX-2040	2000 x 4000 mm	Laser Cutting machine with 6.5 ft. X 13 ft. working area
GX SERIES		
Gloria GX-1325	1300 x 2500 mm	Laser Cutting machine with 4 ft. x 8 ft. working area
Gloria GX-1530	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area
Gloria GX-1530R-3/6	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Rotary Attachment. for 3/6 Mtrs Pipe
Gloria GX-1530TC	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing Facility.
Gloria GX-1530CTC	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing & Close Body Facility.
Gloria GX-1530TCR	1500 x 3000 mm	Laser Cutting machine with 5 ft. x 10 ft. working area With Table Changing & Rotary Attachment Facility.
Gloria GX-2040	2000 x 4000 mm	Laser Cutting machine with 6.5 ft. x 13 ft. working area

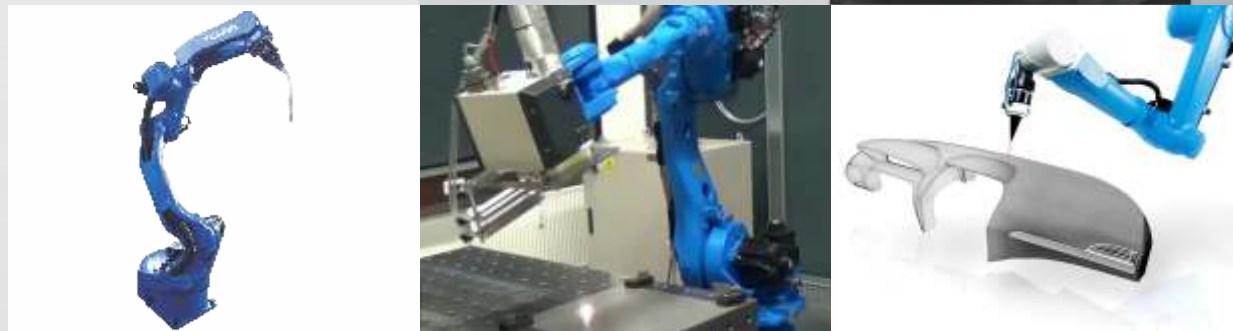
Cutting Thickness Chart



Sample of Fiber Laser Cutting Machine



**Integrated robotics
solutions for Laser cutting,
laser & mig welding applications
(Fiber Laser & Co2 Laser)**



Laser Welding Machines Galaxy Series (Nd : YAG Laser & Fiber Laser)



**GALAXY -
WDF Series**
Fiber Laser, 4 Axis High
Precision Welding



**Yag Pen
Welding
Machine**

GALAXY- WY-FT Series

Double Output
Laser Welding Machine
(Additional Fiber
Cable & Gun)

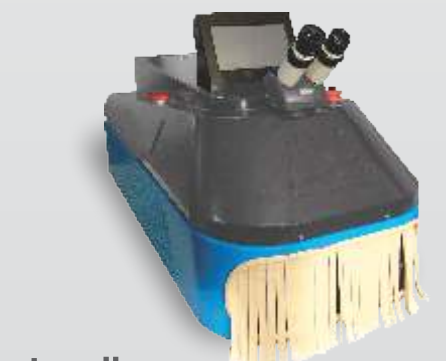


Fiber Laser Pipe Welding Machine



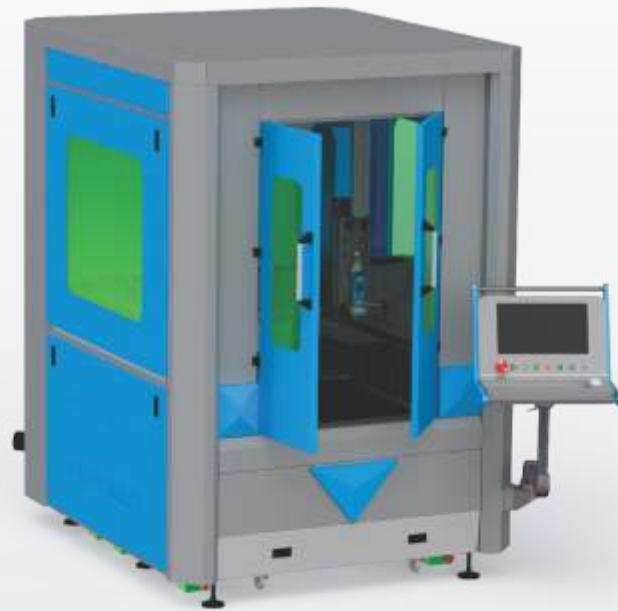
GALAXY- WD Series

Multi Axis (4 Axis)
Auto Laser
Welding Machine



**Jewellery
Welding Machine**

Fiber Laser High Precision & Micro Cutting Machine Q Series



Laser Cleaning Machine Nova Series



Online / Offline Laser Marking & Coding Machines

- Fiber Laser Marking
- Co2 Laser Marking
- UV Laser Marking
- Green Laser Marking

Evan 20, 30,50,100 watt



LaserJet F Series Fiber Laser



LaserJet C Series Co2 Laser

