



MADE BY MEHTA, FOR THE WORLD

TRiO

FIBER LASER HAND-HELD WELDING MACHINE



INNOVATIVE PRODUCT AWARD 2022



BY WELDFAB TECH AWARDS 2022



3 In 1 Welding Machine Welding | Cutting | Cleaning

Best Welding Quality on
M.S., S.S., Aluminum & Dissimilar Metals

High Speed, Low Deformation
Easy to Adopt & Reduce Labor Dependency
Best Welding Quality & Most Powerful Process

Welding Machine + Cutting Machine + Cleaning Machine = TRiO

FEATURES

1. Laser Welding Function

a) Spot and Seam Welding

Fiber Laser Welding Machine is capable of doing Spot and Seam Welding Which is Very Convenient and make it all-in-one machine.

b) Uniform Weld Spot

The Spot Energy Distribution of Fiber Laser Welding Machine is Uniform and it Has The Best Spot Needed for Welding Characteristics.

c) Suitable for all Kinds of Weld Seams

Fiber Laser Welding Machine Adapts to All Kinds of Complex Welds, Spot Welding on Various Devices and Welding Seams of Thin Plates Within 1mm. It Has Fast Welding Speed, Large Depth and Small Deformation.

2. Laser Cutting Function

Hand-held Laser Cutting Machine is very easy to use in cutting function like traditional function cutting. it can cut in any shape and cut M.S., S.S., and Aluminum upto 2 to 4 mm.

3. Laser Cleaning Function

Fiber Laser Cleaning Function Is use to Remove Paint, Rust, Oil Content from the Surface of Metals, It can be used for pre and post weld cleaning. It is applicable in ship building industry, Auto Parts, Rubber Molds, Tire Molds, Tracks, Environmental Protection and other industries.



Nozzle Assembly



Software



Wire Feed Unit



Electrical Connections

Fast Switching

One Machine With Multiple Functions



Laser Welding



Laser Cleaning



Laser Cutting

CUTTING THICKNESS

Upto 2mm of S.S.

Upto 3mm of M.S.

Upto 1.5mm of Aluminum

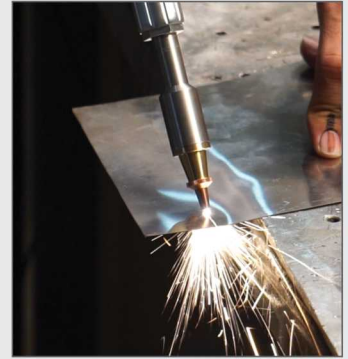
Specification

Model	WG-1000	WG-1500	WG-2000
Laser Power	1000W	1500W	2000W
Wavelength	1080±5 nm		
Laser Frequency	50Hz-5KHz		
Adjustable Power Range	10-100%		
Power Consumption	7 KW	9 KW	11 KW
Cooling Method	Water Chiller (Inside)		
Weight	300 KG		
Laser Source	Raycus		
Welding Head	Wobble Welding Gun with Feeder		

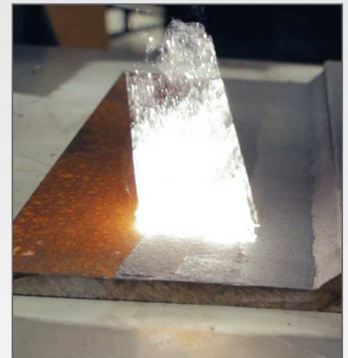
Specifications are liable to change without prior notice.



Laser Welding



Laser Cutting



Laser Cleaning



MADE BY MEHTA, FOR THE WORLD

Manufactured & Marketed by:
MEHTA CAD CAM SYSTEMS PVT. LTD.

Head Office & Manufacturing Facilities
Plot No. 3, Road No. 1, Kathwada GIDC,
Ahmedabad, 382 430, Gujarat. INDIA

Contact:
Tel.: +91-792970 0235 / 7575009626
Fax.: +91-7926840554

For Immediate Assistance, **Contact 072290 93988, 092276 78044**



mktg@mehtaindia.com



www.mehtaindia.com

DELHI | MUMBAI | CHENNAI | KOLKATA | BANGALORE | HYDERABAD | JAIPUR | RAIPUR | INDORE | LUDHIANA | CHANDIGARH | PUNE | NAGPUR | PATNA | LUCKNOW | SURAT | RAJKOT | RANCHI | BHUBANESHWAR | GUWAHATI | HUBLI | VIJAYWADA | COIMBATORE | COCHIN | AGRA | GOA



dun & bradstreet