



PREMIUM

L A S E R T E C H N O L O G Y



ENVIRONMENTALLY
FRIENDLY



Low Electricity
Consumption



Low
Maintenance



Customer
Support

Manufacturing Laser Cutting And Marking Machine

Shed No. 38 Supreme Industrial Estate, Kathwada - singarva Road, Kathwada
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For Sales & Service Inquiry

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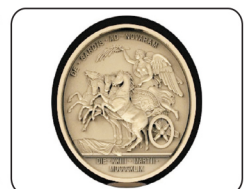
Email: sales@premiumlaser.in

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Fast, Powerful And Reliable Laser Marking Systems



Description		Applications
Laser Type	: Fiber Laser	Utensils Solar Industries Automobile Engineering Jewellery Medical Surgical Hardware & Bath Fitting Kitchenware
O/P Power	: 20W (Optional 30,50,100)	
Electric Consumption	: < 1 kw	
Graphics Format	: plt, DXF, BMP, JPT, TIF Etc.	
Laser Class	: Class IV	
Marking Speed	: <12000mm/Second	
Laser Life	: 100000+Hours (Main You Work Daily 8 Hours So 33 Years Life)	





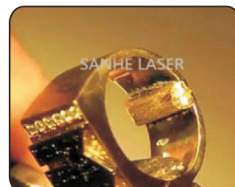
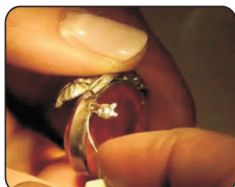
Gold Cutting Machine Close Model

Description

Laser Type	: ND:YAG Laser
OP/Power	: 200W, 300 watt
Singal Pules Max. Energy	: 90J & 125J
Electric Consumption	: > 6 kw
Graphic Format	: plt, DXF, BMP, JPT, TIF Etc.
Observing System	: 10X Microscope High Definition (Optional CCD)



Gold Laser Soldering Machine



Portable Laser Marking Machine

Description

Laser Type	: Fiber Laser
O/P Power	: 20W (Optional 30,50,100)
Electric Consumption	: < 1 kw
Graphics Format	: plt, DXF, BMP, JPT, TIF, BOT, GBR, DST, NC, GIF, PNG
Laser Class	: Class IV
Marking Speed	: <12000mm/Second
Laser Life	: 100000+Hours (Main You Work Daily 8 Hours So 33 Years Life)



Fly Online Laser Marking Machine



Description

Laser Type	: Fiber Laser
OP/Power	: 30W (Optional 50, 60, 100)
Electric Consumption	: < 1 kw
Graphic Formar	: plt, DXF, BMP, JPT, TIF Etc.
Laser Class	: Class IV
Marking Speed	: <12000mm/Second
Laser Life	: 100000+Hours (Main You Work Daily 8 Hours So 33 Years Life)



Description		Applications
Laser Type	: Co2 Laser	• Acrylic Cutting • Modeling • Plastic Cutting • Wood / MDF / Plywood • Fabrics / Embroidery
Working Area	: 600x900, 900x1300mm	
Average OP/Power	: 80W (Optional 60x100, 150)	
Engraving Speed	: 1-60000 min/mm	
Cutting Speed	: 1-10000 mm / min	

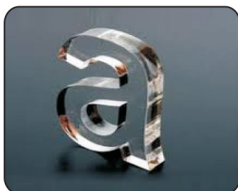


Co2 Laser Cutting Machine



UV Laser Marking Machine

Description		Applications	Features
Laser Type	: UV Laser	• Plastic, ABS, PP, Bakelite, Acrylic, MDF, Wooden, Cloth Etc. • Reliable & Movable machines. • Accurate & Fast Laser Beam Quality Marking.	• All Engineering & Industries Products Used. • Reliable & Movable machines. • Accurate & Fast Laser Beam Quality Marking.
O/P Power	: 3W (Optional 5, 10) Etc.		
Electric Consumption	: < 2 kw		
Graphics Format	: plt, DXF, BMP, JPT, TIF Etc.		

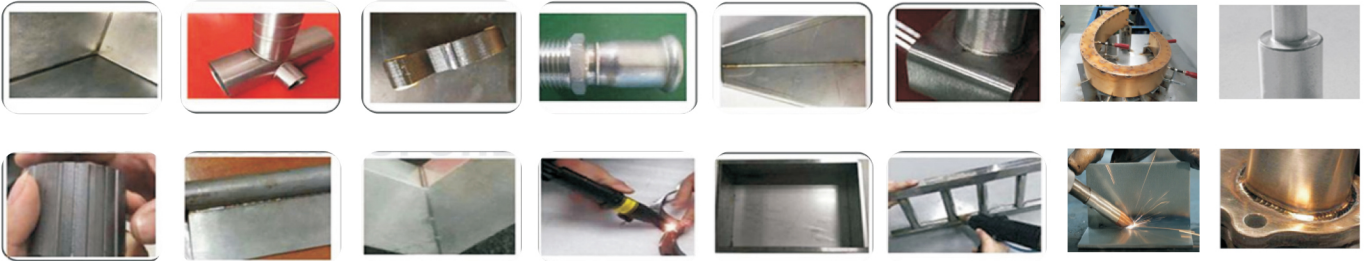


INDUSTRIAL LASER WELDING MACHINE



APPLICATION SCOPE

It is suitable for repairing cracks, chipping corners, touching edges and damaged sealing edges of hard materials such as molds, precision injection molding, die casting, stamping, stainless steel etc.



1. It adopted imported ceramic condenser cavity which is corrosion resistant and heat-resistant and has a long service life.
2. It has an advanced automatic shading system, eliminating stimulation to human eyes while working.
3. Its laser head can rotate 360 degrees. it can move up and down electrically with large worktable providing enough room for mold.
4. With higher welding energy, it can weld thicker wires than regular welders and the welding performance is more stable.

TECHNICAL SPECIFICATION

DEVICE / MODEL	1000W	1500W	2000W
LASER WAVELENGTH			
REFLECTOR IN CONDENSER CAVITY	CERAMIC CONDENSER CAVITY	DOUBLE LAMP CONCENTRATOR	DOUBLE LAMP CCNCTRATOR
MAX LASER POWER	200W	400W	600W
RATED POWER	8KW	12KW	16KW
PLUSE WIDTH		0.1-10MS	
SPOT ADJUSTMENT RANGE	0.2-2MM	0.3-3MM	0.3-3.5MM
LASER FREQUENCY	1-20HZ	1-30HZ	1-30HZ
COOLING SYSTEM	1.5P	3P	5P
OBSERVING SYSTEM		CCD or Microscope	

3 IN 1 LASER MACHINE (Cutting, welding, Dust remove)



APPLICATION SCOPE

It can be widely used in complex and irregular welding processes in kitchen cabinets and bathrooms, stairs, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel furniture and other industries.



MODEL FEATURES

1. The hand-held welding gun replaces the previous fixed optical path, which is more flexible and convenient, realizes long-distance laser welding, and over comes the limitation of the travel space of the workbench.
2. The red light is used for positioning, which is used for the calibration of the welding head position, the welding position is more accurate.
3. The laser welding depth is large and the welding is firm.
4. It is not easy to deform, easy to polish and polish, which solves the problems of welding penetration, welding flash and welding quality caused by argon arc welding.
5. It is used for various complex welds and spot welding of various devices.

TECHNICAL SPECIFICATION

DEVICE / MODEL	1000W	1500W	2000W
LASER WAVELENGTH		1080 (+10) MM	
OUTPUT FIBER LENGTH		10M	
MAX LASER POWER	1000W	1500W	2000W
RATED POWER	6KW	7KW	8KW
SUPPLY VOLTAGE (V)	220V / 50HZ	220V / 50HZ	380V / 50HZ
SPOT ADJUSTMENT RANGE	0.1-5MM	0.1-5MM	0.1-5MM
LASER FREQUENCY	1-10000HZ	1-10000HZ	1-10000HZ
COOLING SYSTEM	CW1000	CW1500	CW2000
OBSERVING SYSTEM		Red Light	



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