



Advanc
Laser Impex Pvt. Ltd.

MANUFACTURER OF
**Laser Cutting | Laser Welding
Laser Marking Machine**



CONNECT WITH US

INDUSTRIAL LASER WELDING MACHINE



200W



400W



600W

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	200W	400W	600W
LASER WAVELENGTH	1064 nm		
REFLECTOR IN CONDENSER CAVITY	CERAMIC CONDENSER CAVITY	DOUBLE LAMP CONCENTRATOR	DOUBLE LAMP CONCENTRATOR
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		

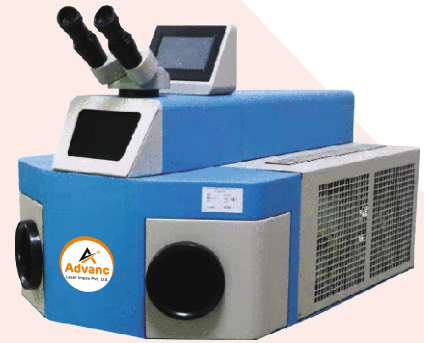
JEWELLERY SOLDERING / WELDING MACHINE



200W



200W



200W

APPLICATION SCOPE

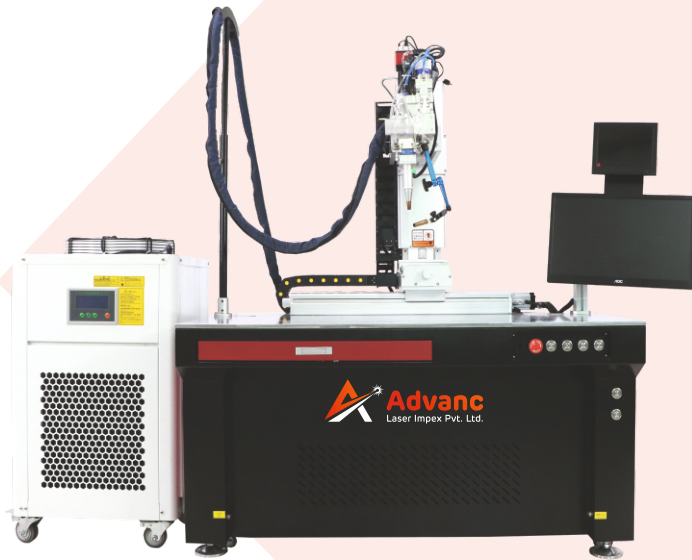
It is specially designed for the repairing and welding of precision instruments, all types of metal articles and gold, silver jewellery.



1. The machine of human body engineering design, more suitable for fine jewelry industry products, beautiful. stable performance is suitable for the need to work continuously for a long time.
2. The internal space is large, convenient tool and fixture is put.
3. The work area is equipped with a switch to adjust light, laser parameters such as, it is more convenient to use.
4. Convenient replacement and the working area clean and weld scrap recycling.
5. Adjustable brightness LED shadow less lamp ring type, welding position to observe more clearly.
6. The finer points of light, meet the demand of precise welding.

TECHNICAL SPECIFICATION

DEVICE / MODEL	200W	200W	200W
LASER WAVELENGTH	1064 nm		
REFLECTOR IN CONDENSER CAVITY	CERAMIC CONDENSER CAVITY	CERAMIC CONDENSER CAVITY	CERAMIC CONDENSER CAVITY
MAX LASER POWER	200W	200W	200W
RATED POWER	8KW	8KW	8KW
PLUSE WIDTH	0.1-10MS		
SPOT ADJUSTMENT RANGE	0.2-2mm	0.2-2mm	0.2-2mm
LASER FREQUENCY	1-20HZ	1-20HZ	1-20HZ
COOLING SYSTEM	1P	1P	0.6P
OBSERVING SYSTEM	CCD or Microscope		



APPLICATION SCOPE

Used in the welding of stainless steel, titanium steel, aluminum alloy, copper, galvanized sheet and other materials used in electronic appliances, confidential parts, automobiles, household appliances, tool processing and other industries.



MODEL FEATURES

1. Fast speed, large depth, small deformation, beautiful welding seam and less consumables.
2. The dedicated welding control system has high stability and is easy to understand and learn. It can realize continuous welding points, straight lines, circles, arcs, etc., and can be programmed arbitrarily;
3. The electric translation stage is adopted, with high repeat positioning accuracy, fast welding speed and fast processing speed;

TECHNICAL SPECIFICATION

DEVICE / MODEL	1000W	1500W	2000W
LASER WAVELENGTH	1080 (± 10) nm		
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	Cw1000	Cw1000
OBSERVING SYSTEM	CCD or Red Light		
WORKBENCH PARAMETERS			
STROKE OF XYZ	500X300X300MM		
POSITION ACCURACY	0.05MM		
REPEAT ACCURACY	0.05MM		
MAX MOVEMENT SPEED	200MM/S		
SIZE OF WORKBENCH	1300MM X 1000MM		
ACCESSORIES	SERVO, MOTOR, AXIS OF ROTATION, EXTENDED STOKE		

HANDHELD FIBER LASER WELDING MACHINE



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.



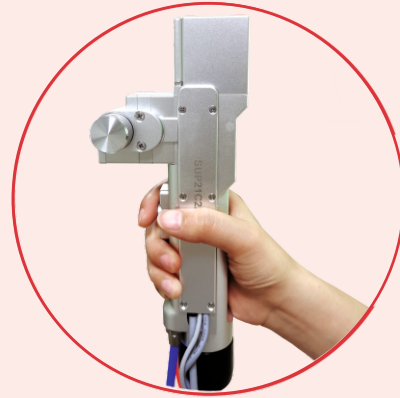
MODEL FEATURES

1. The hand-held welding gun replaces the previous fixed optical path, which is more flexible and convenient, realizes long-distance laser welding, and overcomes 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

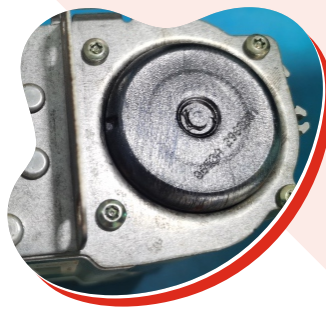
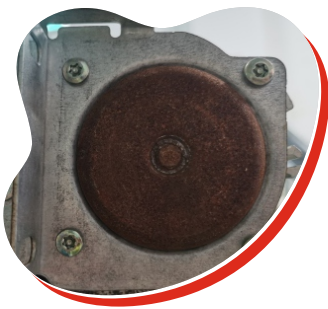
DEVICE / MODEL	1000W	1500W	2000W
LASER WAVELENGTH	1080 (± 10) nm		
OUTPUT FIBER LENGTH	10M		
MAX LASER POWER	1000W	1500W	2000W
RATED POWER	6KW	7KW	8KW
SUPPLY VOLTAGE (V)	220V / 50HZ	220V / 50HZ	380V / 50HZ
SPOT ADJUSTMENT RANGE	0.1-5MM	0.1-5MM	0.1-5MM
LASER FREQUENCY	1-10000HZ	1-10000HZ	1-10000HZ
COOLING SYSTEM	Cw1000	Cw1500	Cw2000
OBSERVING SYSTEM	Red Light		

FIBER LASER RUST CLEANING MACHINE



APPLICATION SCOPE

Can be widely used in auto parts, mold cleaning, transportation pipelines, ship transportation, aerospace machinery, precision machinery and other cleaning.



1. Non-contact cleaning, does not damage the parts themselves.
2. The laser cleaning head is lightweight and can be operated by hand for a long time.
3. No chemical cleaning solution, no consumables, safe and environmentally friendly.
4. The operation is simple, it can be used immediately after power on, and it can be hand-held or cooperated with a manipulator to realize automatic cleaning.

TECHNICAL SPECIFICATION

DEVICE / MODEL	1000W	1500W	2000W
LASER WAVELENGTH	1080 (± 10) nm		
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		

FIBER LASER MARKING MACHINE

Fiber Laser/Co2 LASER / UV LASER



APPLICATION SCOPE

- Electrical Engineering and Electrical part and component
- Telecommunication product and Mobile communications (cover, battery, keyboard)
- Jewelry, eyeglass, clocks and craft
- Building materials, PVC pipe
- Car motor car spare part
- Instrument and meters and cutting tool
- Plastic case
- Aviation and aerospace
- Military product,
- Hardware fitting and accessory
- Sanitary appliance
- Stationery,
- Food and beverage
- Medicine package and medical instrument
- Solar Power industry: Silicon wafer

TECHNICAL SPECIFICATION

MODEL	AXIS 20	AXIS 30	AXIS 50
LASER POWER	20W	30W	50W
LASER WAVELENGTH	1064 nm		
LASER FREQUENCY	20K HZ-80KHZ		
LINEAR SPEED	7000 mm/s max		
MARKING SIZE	70*70mm/110*110mm/175*175mm/200*200mm/300*300mm		
MINI FONT HEIGHT	0.2 mm		
MIN LINE WIDTH	0.01 mm		
REPETITION ACCURACY	±0.003 mm		
OPERATING POWER	0.5KW/AC220V/50Hz		
FILE FORMAT SUPPORT	AI, PLT, PCX, DXF, BMP		
CODES	2D MATRIX, LINEAR BARCODE		
WORK ENVIRONMENTS	10-40°C, HUMIDITY : 10%-90%		
COOLING TYPE	AIR COOLED		



Advanc Laser Impex Pvt. Ltd.

Manufacturer of : Laser Cutting | Laser Welding | Laser Marking Machine

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