

MICRON LASERS

About us

- MICRON LASERS is a New Delhi based professional CNC machine Importer & Manufacturer Since 2013, which deals in CNC Router, Co2 laser machine, Fiber metal cutter, Fiber Marking & So on.
- If you are looking for an extremely wide range of CNC machine that you just simply can not find any where else then look no further. Here at Micron Lasers we provide best laser machines that we are supplying and selling all across INDIA.
- We are the PIONEER in the INDIA and we want you to take advantage of having this wonderful resource at your finger tips. At Micron Lasers we work around any type of issue that you may have related to any technical & production.
- Now seriously, who have you ever seen do that? I can answer that for you, no one. So what are you even waiting for? We will talk to you soon!

YOUR REQUIRMENT

- Laser platforms vary in terms of work area size and maximum laser power compatibility. When selecting your laser platform, make sure the platform is large enough for your application and can supply enough power to efficiently process your material.
- You should also consider what options you want, as different laser platforms can be equipped with different options. Try out several configurations until you find one that fits your needs.
- Also, don't forget that your needs may grow as your business expands. While every laser platform can be equipped with multiple laser sources, you cannot equip a platform with a laser source that exceeds its maximum laser power. If your throughput needs are moderate but may increase in the future, investing in a platform with a higher maximum laser power may prove to be a wise decision.



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ML 1410 CCD CAMERA ORIENTED LASER CUTTING MACHINE

APPLICABLE MATERIAL

Leather wool fabric, Cloth, Plexiglass, Rubber, Wooden Products, Woven Labels, Mdf, Acrylic etc.

APPLICABLE INDUSTRY

CCD Machine is applicable to trademark woven mark, embroidery labels. The Wearing lather, Cloth toys, Computer embroidery cutting, Templet cutting paper product industry.

CONFIGURATION

- ➔ Auto Camera Oriented capture photo
- ➔ Any angle & direction identify
- ➔ With combine function, big area cutting possible
- ➔ High cutting precision, Nobum, No yellow mark
- ➔ Easy/Friendly operation system
- ➔ Perfect optical system
- ➔ Interactive three types of data (u disk, pc, internet)
- ➔ Software support multiple formats : AI, PIT, JPEG, DXF,
- ➔ DST Seamless Compatibility with Corel Draw Card and Other Graphics Software.

TECHNICAL PARAMETERS

Model	ML1080CCD
Laser tube	CO ² EFR
Laser Power	60W/80W/100W
Cutting Speed	0-300mms
Engraving Speed	0-500mm/s
Repaating Precision	+/- 0.05
Working Area	1400mm x 1000mm
Power Supply	1PH+1AC /220V /15A /50-60Hz
Machine Size / Packing Size	1900x1500x1100mm / 2000x1600x1230mm
Weight	Around Net. W 350Kg, GW 380Kg
Environment Required	Temprature 15°-35° Humidity 30% (Non condensing)
Chiller	Industrial Chiller CW5000



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LASER CUTTING & ENGRAVING



ML 1410

1400x1000mm | 80W | 100W | 130W



MLD 1410

1400x1000mm | 80W | 100W | 130W



MLD 1610

1600x1000mm | 80W | 100W | 130W



ML 1613

1600x1300mm | 100W | 130W

2.

High Quality Cutting & Engraving

Wide Range To Suit Your Needs

Easy-to-use Control Panel

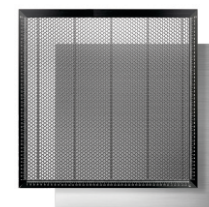
Programmable Origin

CO₂ Laser Tube

Copper Pulleys

Pass Through Doors

MACHINES



Honeycomb

Honeycomb aluminium grid is used for cutting thinner or softer materials which need additional support whilst cutting. The honeycomb table also minimizes beam reflection and aids with the ventilation to ensure a longer lifespan of the lens.



LaserWorks V8

Laserworks is a powerful program that allows you to perform laser cutting engraving operation it supports drawing points, lines, polyline, ellipse/ circle, rectangular/ square, bezier curve, text and for CAB models such as DXF, AI and PLT.



Cooling Unit

CO₂ laser tubes produce heat when operational. The cooling unit ensures that the tube stays within optimal temperature while in operation. This ensures a constant and safe laser output from your CO₂ tube.



Air-Assist Compressor

The air-assist compressor pushes air through the nozzle of the laser to aid in removing smoke and fumes from the path of the laser beam. This helps with the effectiveness of the cutting and to keep the lens clean and aiding in more effective cutting.



Air Extraction System

The air extraction system removes smoke and toxic fumes which may be produced when using the laser machine. This is to prevent the operator from inhaling any of these fumes.



3.



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ML 1325 Co2 Laser Cutting Engraving Machine



FEATURES

1. Using triangular structure on the bed's side, and with beam up and down in the middle which is stable and prevents deformation, ensuring that any corner off the machine evenly stressed, no deform for many years, guaranteed high accuracy.
2. Bed and X-axis beam with 6mm steel, machine's body is 1.5mm steel, wont be deform, maintain high precision for long time.
3. Rack and gears are precisely ground, wear-resistant and high-precision.
4. Helical gear reducer is 81 II wher other use 31 II reducer, much better quality and high precision.
5. Smoke exhaust system can move with head for better exhausting result.

4.

TECHNICAL PARAMETERS

Model	ML- 1325 Laser Machine	Control Software	Rdworks V8
Working Area	1300x2500mm	Working Table	Blade
Laser Tube Brand	Reci/EFR	Cutting Speed	0-600mm/s
Laser Power	100w/130w	Engraving Speed	0-1200mm/s
Cutting Head	Single	Reposition Accuracy	≥ + 0.01mm
Cooling System	Water Cooling	Minimum Letter Size	English 1mm
Stepper Driver Motor Brand	Yako/Leadshine	Supported Format	BMP, HPGL (PLT),DXF,G-code, DTS, AI
Contral System Brand	RDC6445G	Power Supply	Single Phase AC 220V 50HZ

SAMPLE

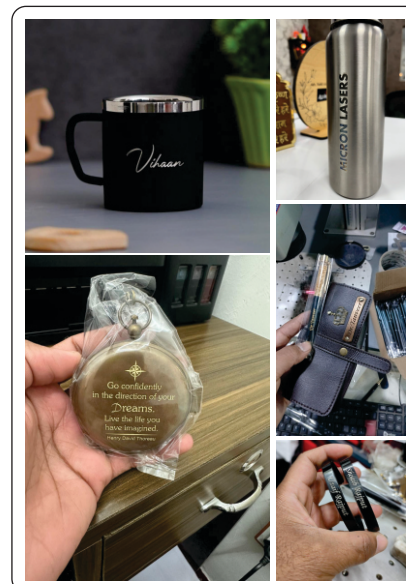


5.



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FIBER LASER MARKING MACHINE



APPLICATIONS

Widely used in electronic part and component, electrical engineering, electrical appliance, telecommunication product, car and motorcar spare part, instrument and meters, plastic case, aviation and aerospace, military product, hard wareitting ans accessory, facility, measuring implement, cutting tool, sanitary appliance, stationery, medicament, food and beverage, make-up, medicine packaging, medical instrument, clock and jewelry, light-through key board, solar pv and craft etc.

Widely suitable for various metals, alloy, metallic oxide materials and some non-metallic materials (silicon wafer, ceramics, plastic, rubber, epoxy resin, abs, printing ink, plating, spraying and coating film etc.



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FEATURES

- Strong software functions, convenient Control panel set and deal separately.
- Fiber laser : high-speed scanning galvo mirror, English opetation system.
- Professional control software is compatible with Auto CAD, Corel Draw and Photoshop etc.
- It could achieve the auto arrangement and amendment of letter, symbol, pattern. figure, image, bar code, 2d cod, serial number and auto increasing etc.
- It supports PLT, PCX, AI, DXF, BMP, JPEG formate pictures, It is also available by using TIFF, SHX character code.

TECHNICAL PARAMETERS

Model	ML- F20
Laser Wavelength	1064nm
Laser Power	20W-30W-50W Max
Marking Area	110 x 110mm (Standard) 200 x 200mm 300 x 300mm
Laser Device	Raycus high standard
Marking Depth	0.5 ~ 1.2mm
M2 / Beam Quality M2 : <1.2	Min. Line Width : 0.01mm (0.0004")
Min. Letter : 0.2mm (0.008")	Markign line speed : (Adjustable depending on material)
Power Supply : 220V / 50HZ / 1k VA	Cooling Method : Air Cooling
Warranty : One Year	Lead Time : 7-10 Days



UV Laser Marking Machine



Ultraviolet laser marking machine is mainly based on its unique low-power laser beam. It is especially suitable for the high-end market of ultra-fine processing. UV laser marking machine belongs to one of the high technology laser marking series. It is developed recently a new laser process technology. As traditional laser marking machine adopts heat process technology which will limit the marking fineness. But laser marking is a kind of cold working which decreases "heat influence" as much as possible.

APPLICATIONS

As the unique low power advantage of UV laser marking machine, it is used widely for ultra-fine process high-end market, such as the packing box of cosmetic, medicine, food, etc. The effect is very precise, clear and deep-set. Used for building material, electronic components, communication equipment, gift, plastic buttons, glassware, 3C industry, white house appliance etc.

The UV laser marking machine uses UV laser source to output laser, and then through the high speed scanning galvanometer system, it can be used to print permanent marks on the surface of various materials.

- The effects of marking is:
1. To expose deep matter through the evaporation of surface matter
 2. To engrave traces through the chemical and physical changes of surface matter caused by laser energy, or
 3. To burn out some substances by laser energy, and to display the patterns and characters needed to etch.

MAIN COMPONENTS: UV laser source, galvanometer, software control card, control box and cabinet, water chiller, flat work platform placing work pieces (optional).

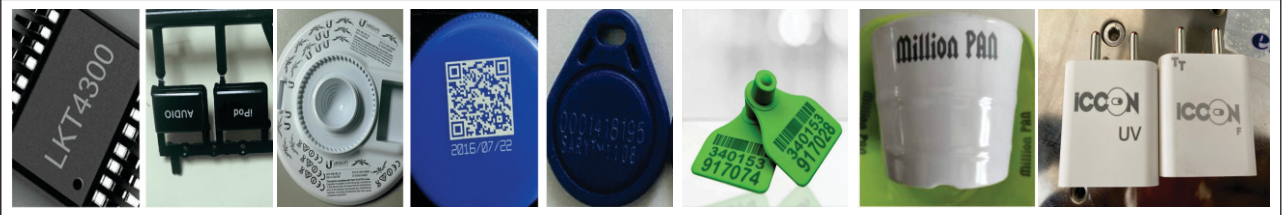


TECHNICAL PARAMETERS

Beam Quality	M2:1.2 (tem00 M)
Average Output Power	3W, 5W (Optional)
The Maximum Marking Speed	1200mm/s
Laser Wavelength	35nm
Marking Range	110x100mm, 150x150mm, 175x175mm
Laser Repetition Rate	20KHz-200KHz (Adjustment)
Power Adjustment Range	5%-100%
Minimum Character	0.2mm X 0.2mm
Marking Depth	0.01-0.2mm (Depending on the material)
Repeat Accuracy	0.001mm
Minimum Line Width	0.013mm
Power Consumption Of The Whole Machine	< 600W
Cooling System	Water cooling
Control Interface	USB
Continuous Working Time	24h
Power Requirements	AC220V/50Hz/2A

MAIN PARTS

Laser Source	1 Set	CRS Brand UV Laser Source
High-speed Galvanometer	1 Set	UV Laser Marker Special Galvanometer
F-theta Lens (Field Lens)	1 Pcs	F110mm
Control System	1 Set	Industrial Personal Computer
Control Software	1 Set	JCZ Ezcad Marking Controller Software
Control Board	1 Set	JCZ Ezcad Marking Controller Software
Water Chiller	1 Set	Industrial Water Chiller





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CO₂ LASER NON METAL MARKING MACHINE



TECHNICAL PARAMETER

Model	ML-30
Max. Laser Power	30W
Laser Wavelength	10.64um
Laser Repetitive Frequency	≤20KHz
Marking Depth	≤3MM
Marking Scope	130 x 130mm
Linear Speed	≤7000mm/s
Min. Linear Width	0.10mm
Consumed Power	1.2KW
Repeat Accuracy	0.002mm
Engraving Wire-speed	0.01-0.5mm (According to the material & Decision)
Min. Character	0.40mm
Repetitive Accuracy	±0.01mm
Electricity Source	220V / 50Hz / 8A
Location Precision	0.002mm
Cooling System	Air Cool

INTRODUCTION

Co2 laser marking machine adopts laser generator and high speed galvo scanner system. With high quality optic devices, high stability laser generator, full automatic control system. The machine system working with high precision and fast speed, very stable performance, can work continuously for a long time and can be applied directly in large quantities of online processing lines.

Nonmetal material such as bamboo, plexiglass, acrylic, cloth, leather, woller, rubber, paper. This series of machine is suitable to advertisement decoration, art gift, garment, leather, fabric, toy, computerized and clipping electron element, cutting of template, packing and printing, paper product and other speediness processing industries.

ADVANTAGES

Adopt top brand CO2 laser, its beam is of superior quality, stable light and low failure rate. Coordinated with the excellent servo motor the high speed scanning galvanometer is of high marking speed and precision. The industrial control computer has strong capacity of resisting disturbance, assuring the stable work during the long period of industrial environment. With powerful and friendly controller and software, easy operation, raise the working efficiency. With reasonable and whole structure design, better stability and higher reliability.

10.

FEATURE

- ➔ Metal laser generator, useful life 20,000 hours.
- ➔ Automatic number jump and counting function.
- ➔ Red light preview, clear marking position.
- ➔ High speed galvo scanner, fast speed, high precision, stable function.
- ➔ Full set imported optic lenses, low consumption, good focus performance.

Model	ML-30	ML-50	ML-100
Max. Laser Power	30W	50W	100W
Laser Wavelength	10.64um	10.64um	10.64um
Laser Repetitive Frequency	≤20KHz	≤20KHz	≤20KHz
Marking Depth	≤3mm	≤5mm	≤8MM
Marking Scope	130 x 130mm	260 x 400mm	260 x 400mm
Linear Speed	≤7000mm/s	≤7000mm/s	≤7000mm/s
Min. Character	0.40mm	0.40mm	0.40mm
Min. Linear Width	0.10mm	0.15mm	0.15mm
Repeat Accuracy	±0.01mm	±0.01mm	±0.01mm
Optical Parts	Imported Laser parts	Imported Laser parts	Imported Laser parts
Consumed Power	1.2KW	2KW	4KW
Electricity Source	220V/50Hz / 8A	220V/50Hz / 11A	220V/50Hz / 20A

SAMPLE



11.



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ML 3030
CO² LASER MARKING
MACHINE



FEATURES

Auto water temprature protection voltage loss protection over electricity current protection instance stop.
Pc control system, PC and screen 2,66GCPU, 512M EMS memory, 80G hardware, 17 Professional control software-english interface, support many styles files from auto CAD Corel Draw, photoshop such as *PLT, BMP* and so on.

APPLICABLE METATERIALS & INDUSTRIES :

The machine is widely used in electronic component, instrument and meter, garment, leather The machine is widely used in electronic component, instrument and meter, garment, leather, suitcase and handbag, shoes, button, eye-glasses, medication, food and beverage, cosmeticts, packing, electronic equipment, etc. It is suitable for marking, engraving, hollowing out and cutiing out. nonmetallic materials or products.

GUARANTEE & AFTER- SALES SERVICE :

- 1) Machine warranty for 1 year.
- 2) Technical support by email, calling & on site visit.

TECHNICAL PARAMETERS

Model	ML- 3030
Wave Lenght of Laser	10.64nm
Laser Power	80W/100W
Marking Area	300x300mm 550x550mm
Marking Speed	7000mm/s
Laser Repetition Frequency	20KHz 100KHz
Repatition Precision	0.01 mm
Cooling System	Forced-air cooling
N.W	120Kg
G.W.	150 Kg
Packing Size	1.75x0.75x1.2m
Delivery Days	25 working days

SAMPLE





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MLR- 1325 CNC ROUTER

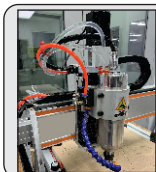


FEATURES

- Adopted Spare Parts Of High Quality To Slow The Fault Rate.
- High Precision Rack Gear Transition Ensure Fast Speed And High Accuracy.
- Equipped With Powerful Spindle Motor To Make Sure A Powerful Cutting And Steady Movement.
- Welded Structure By Thick Profiled Steel, Ensure Minimum Distortion, Excellent Rigidity And Powerful Strength.
- Electrical Protection Device Provided, The Machine Can Save The Original Cutting Or Engraving Work After Outage.

APPLICATION

Widely Used In 3d Carved Plates With Wave Patterns. Cabinet Door, Craft Wooden Door, Nonpinting Wooden Door, Screen, Craft Windows. Computer Desk And Panel Furniture Auxiliary Processing Ect.
Can Cut And Engrave Brass, Aluminium, Acp, Plastic Board, Mdf, Acrylic Etc.



Water cooled spindles

Water cooled spindles are perfect for smaller machines that can be used in private garages at home, due to the low noise. It keeps cool even when running at lower RPM. It comes with a water pump for the machine.



Air Cooled spindles

Air cooled spindles for CNC machines are great for manufacturing and industrial use. The higher power rating makes it perfect for continuous cutting of wood and other harder materials whilst still keeping the ability to cut softer plastics etc.



Rich Auto Alls Handset

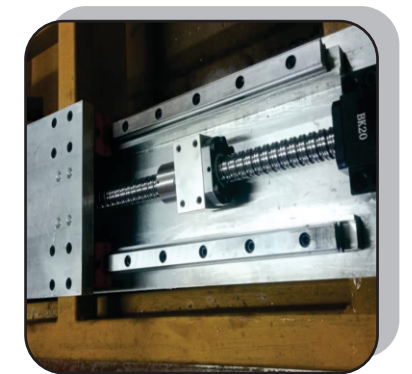
RichAuto Alls DSP handset is a powerful controller for CNC machines that is compatible with any software package that produces g-code. Ease to use and reliable. It automatically saves the interval if a power outage occurs.



VACUUM BRUSH



DUST COLLECTOR

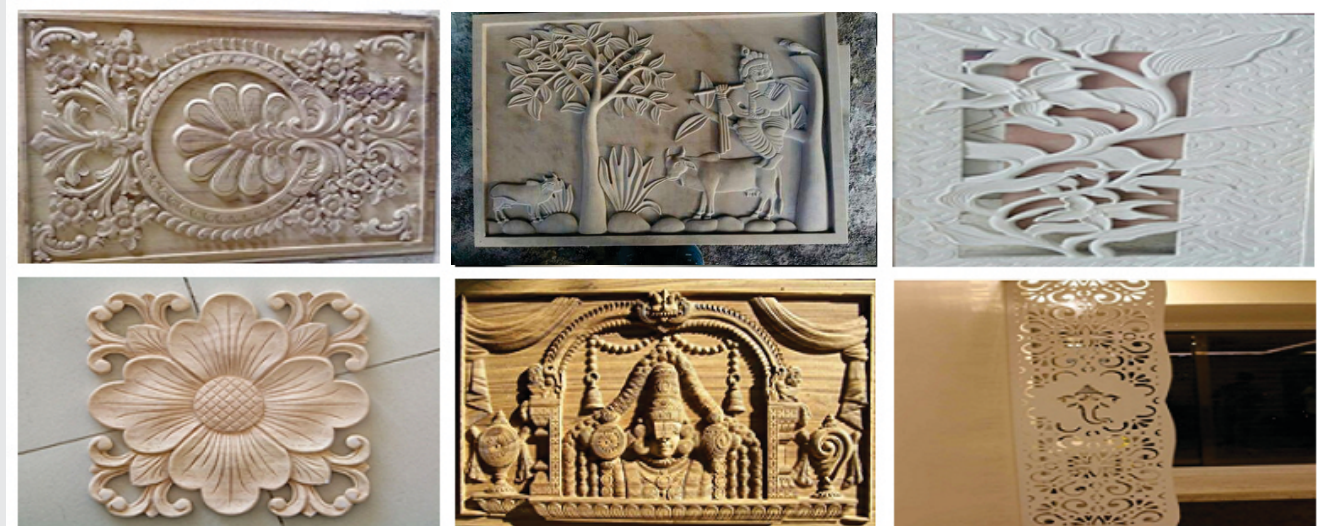


COUPLING Z AXIS

TECHNICAL PARAMETERS

Model	MLR- 1325	Working Voltage	AC 220V Single Phase
Working Area	1300 x 2500 x 300mm	Platform	Aluminium T-Slot
Maxing Moving Speed	1000mm/min	Cross Beams	Steel
Reposition Accuracy	<0.6mm / 300mm	Machine Size	3000x1900x1700mm
Max Engraving Speed	6000 - 18000 RPM	Tool Diameter	q3.175, q4, q6, q12
Spindle Power	3.5KW Air Cooled	Feeding Height	300mm / 200mm
Motor	CW Stepper Motor	Engraving Instruction	HPGL, G-code
X,Y,Z Guide Rail	Hiwin Square Linear Rail	Drive	YAKO-YKD2608/2811

SAMPLE





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CNC STONE ROUTERS



MLR 1325

1.3m x 2.5m | 6KW
Water Cool Spindle Heavy Table



MLR 1530

1.3m x 2.5m | 6KW x 2 Dual Head
Water Cool Spindle Heavy Table

16.

Rich Auto A11s control System

Wide Range To Suit Your Needs

Automatic Oil Pump*

High Quality Cutting & Machining

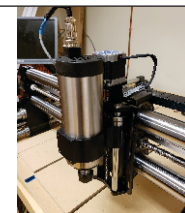
One button Origin

High Quality Spindles

High Grade Aluminium Table

ReInforced Steel Fram

Efficient Stepper Motors



Water cooled spindles

Water cooled spindles are perfect for smaller machines that can be used in private garages at home, due to the low noise. It keeps cool even when running at lower RPM. It comes with a water pump for the machine.



Air Cooled spindles

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Rich Auto A11s Handset

RichAuto A11s DSP handset is a powerful controller for CNC machines that is compatible with any software package that produces g-code, Ease to use and reliable. It automatically saves the interval if a power outage occurs.



Automatic Oil Pump

The automatic oil pump takes away the need for you to manually lubricate the CNC router. The pump automatically lubricates the running gears and rail of the machine to ensure maximu efficiency and stepper motors last longer.



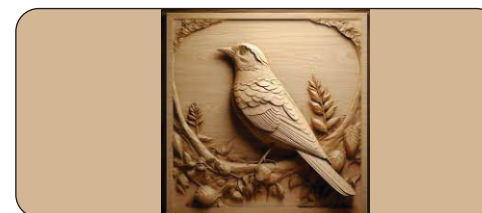
VACUUM BRUSH



DUST COLLECTOR



COUPLING Z AXIS



17.



MICRON LASERS

ML 1325

WOOD CNC ROUTER



APPLICATION

Widely use in 3d carved plates with wave patterns. cabinet door, craft wooden door, non-painting wooden door, screen, craft windows, computer desk and paner furniture auxiliary processing, etc. can engrave brass, aluminum, ACP board, MDF, wood, corian, iron, plastic board, PVC. acrylic ect.

TECHNICAL PARAMETERS

Model	MLR- 1325 CNC WOOD ROUTER	Platform	T-Slot 3mm Aluminium
Working Area	1300x2500mmx300mm	X, Y, Z Guide Rail	China TOP Brand X,Z, 20mm Y- 25mm
Spindle Power	3.5KW/4.5KW/6KW	Rack	1.5 M
No. Of Spindles	One/Two	Inverter Brand	Best (Option : Fuling)
Conctrol System	DSP Rich Auto	Max Engraving Speed	6000-24000RMP
Motor	Servo Motor	Maxing Moving Speed	10000mm/min
Driver	Servo Driver	Tool Diameter	@3.175, @4, @6, @12
Dust Collector	Optional	Engraving Instruction	HPGL, G Code
Working Voltage	AC220V/50HZ (AC can use 380V)		



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DETAILS

- Machine Body Is Using 6mm Steel, Move Stably Even Put Heavy Material On It, No Shake
- 3mm Aluminium Table, Make Machine Stronger And More Stable
- Machine With Thicker Sheet Metal, Stronger And More Stable
- The Machine Adopt 1.5m Rack And 25mm Guide Rail, More Stable Operation
- The Head With A Dust Cover To Protect The Spindle From Dust And Debris, Smooth Running And Long Life
- Machine Installed Indicator Light, It Will Show Machine Working Condition Clearly, More Convenient For Using

SAMPLE





MICRON LASERS

1500W FIBER HANDLE LASER WELDING MACHINE



FEATURES

- The Electro-optic Conversion Efficiency Is High.
- Thick Plate Deep Melting Without Splash.
- Anti-high-reaction Ability.
- Thin Plate Welding Is Efficient.
- The Output Fiber Length Can Be Customized.
- Wide Modulation Frequency Range.
- Maintenance-free Operation.
- Water Cooling Is More Stable.

PRODUCT DESCRIPTION

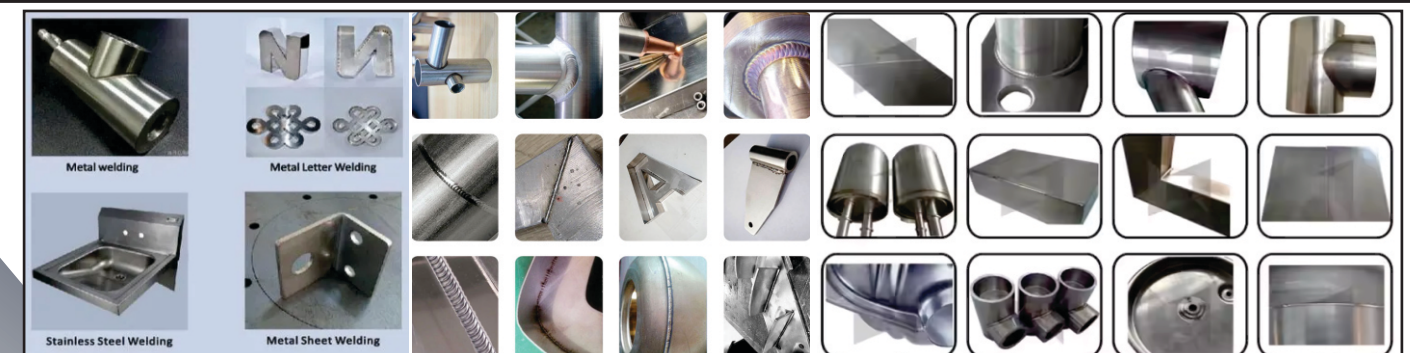
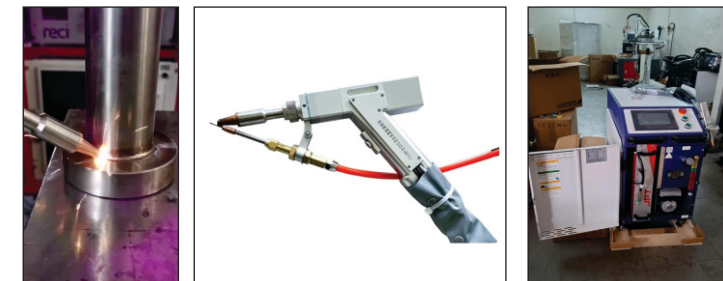
Laser welding is a high efficient precision welding method which is in the use of high energy density laser beam as a heat source. Laser welding is one of the important aspects of laser processing technology. Laser radiates and heats the workpiece surface, The surface heat diffuses to the inside through heat conduction, Then the laser makes the workpiece melting and form the specific welding pool by controlling the laser pulse width, energy, peak power and repetition frequency. Due to its unique advantages, it has been successfully applied to the precise welding for micro parts and small parts. Laser welding is fusion welding technology, laser welder puts laser beam as the energy source, and make it impact on the weldment joints to realize welding.

TECHNICAL PARAMETERS

Laser Source	Max	Handle	Aluminium Hand-held, Light And Easy To Use
Laser Power	1500W / 2000W / 3000W	Weave Length	1080nm+5
Laser Incidence	Coaxial	Power Stability	±1.5%
Laser Wavelength	1080	Laser Repetition Frequency	50-50,000hz
Collimated Focal Length	50mm	Beam Quality	$m^2 \leq 1.3$
Focusing Focal Length	100mm	Red Light Indicates Output Power	0.1-1mW
Operating Voltage	AC 220v 50HZ	Fiber Core Diameter	25um
Cross Power	<5000w	Output Cable Length	10m
Gas Source	0.2Mpa (Nitrogen)	Operating Mode	Continuously
Cooling Style	Water Cooling	Interface Type	QBH

PRODUCT DETAILS

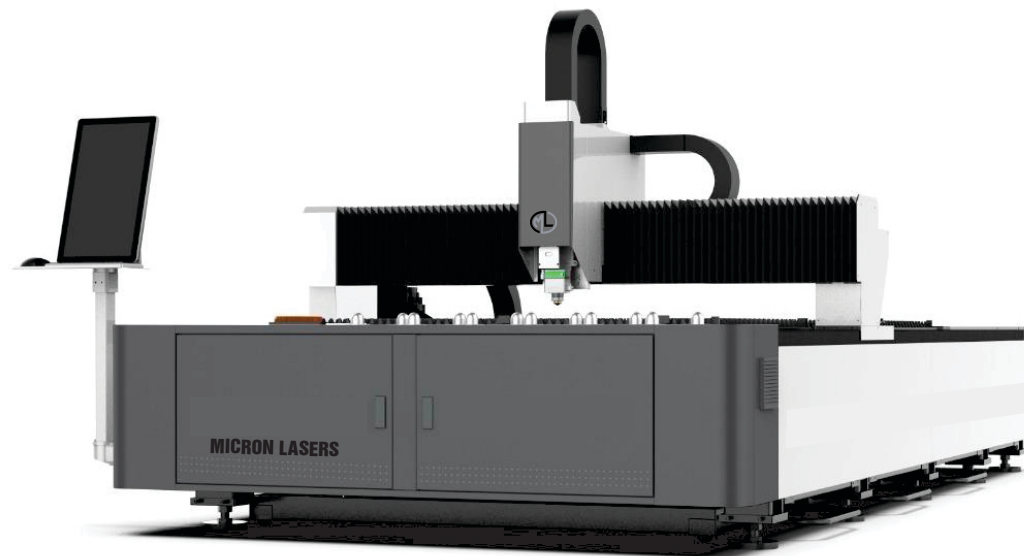
The custom welding head is designed with the body engineering design method, fully considering the comfort of the customer for long-term use, and has the protective measures of the butt welding material to prevent the customer from accidentally injuring others, At the same time, nozzles with different angles can be configured to meet the needs of customers to weld different products.





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ML 1530 Fiber Laser Cutting Machine



TECHNICAL PARAMETERS

Model	ML- 1530	Accelerated Speed	1.5G
Working Area	1500x3000mm	Positioning Accuracy	+0.01mm/m
Laser Cutting Control System	CypCut 2000	The Best Running Speed	0-20m/min
Laser Cutting Heaad	RAYTOOLS Head Auto Focus BM 110	The Max Running Speed	60m/min
Laser Device	MAX	Max Cutting Speed	50m/min (up to material thickness, machine power)
Servo Motor	Taiwan DELTA Servo Motor	Cooling Way	Water Cooling
Driver	Delta	Water Tank	1.5P for 1000W , 2P for 1500W (Double Temperature Dual Control)
Reducer	Italy Motovario	Applicable Material	Stainless Steel/ Galvanized Sheet/Carbon Steel Aluminum and other metal
Transmission	Taiwan SHAC guide rail China Leadrack/Taiwan YYC gear and rack	The Whole Machine Power	1500W-16KW
Lance Lance	USA II-VI	Computer with Original Laser Software	WiFi Funtion Available
Proportion Valve	Japan SMC	Standard Accessory	Water Chiller, Exhaust Blower, Protective Mirror
Solenoid Valve	Japan MSC	Power Supply	380V/50HZ
Gas	N2-stainless steel or less than 2mm carbon steel aluminum brass 02-carbon steel (cutting with gas is better than cutting with air compressor, but use air compressor, the cost will be lower)		

SAMPLE



FEATURES

1. SOLID MACHINE BODY

Heat treatment to strengthen the intensity and stiffness of base.
Its structure matches industrial machine tool standard with high accuracy and rigidity, and machine mechanical steel has been completely removed during the welding of process of welding and machining.

2. HIGH CUTTING ACCELERATION AND PRECISION

Max cutting acceleration for this machine can be to 1.5G, wich can ensure the machine cuts corner or turning point very smoothly, higher cutting precision and speed.

3. HIGH PRECISION MACHINE WORKTABLE

The Deviation of worktable levelness is with + 0.01mm. So the worktable will be hard to be out of shape during a longer period working.



MICRON LASERS

SINGLE BED
WITH
PIPE CUTTING



Laser Cutting Machine Model	3015 (4015, 4020, 6015, 6020
Laser Power	1500W-6000W
Laser Type	Fiber Laser Source Max/Raycus
Processing Area	3000mm x 1500mm
Chuk Clamping Rang	10-260mm
Chuk Clamping Stroke	<6300mm
X/Y Axis Positioning Accuracy	+0.05mm/m
X/Y Axis Repeated Positioning Accuracy	+0.03mm
Maximum Operating Speed	100m/min
Maximum Running Acceleration	1.0g
Max Load of Workbench	700kg
Clamping Range	Round: 10-10mm, Square : 10-230mm
Maximum Laoad of Chuk	260kg
Machine Dimensions Approx. (L*W*H*)	8400mm x 3400mm x 2000mm



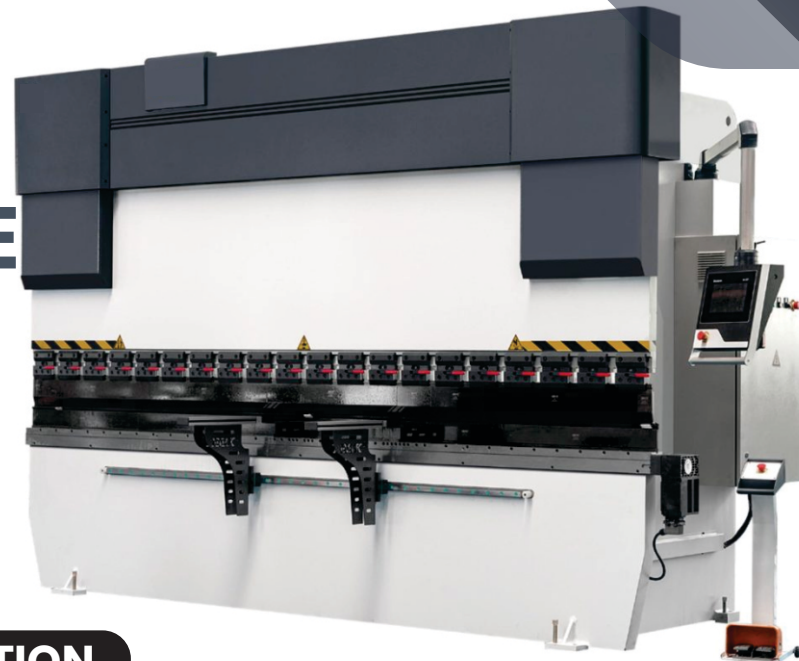
MICRON LASERS

PROFESSIONAL PIPE
CUTTING MACHINE



Laser Cutting Machine Model	Laser Tube Cutting Machine
Laser Power	1500W-6000W
Laser Type	Fiber Laser Source Max/Raycus
Maximum Machine Tube Length	<6500mm
Maximum Speed	100R/min
X/Y Axis Positioning Accuracy	+0.05mm/m
X/Y Axis Repeated Positioning Accuracy	+0.03mm
Maximum Operating Speed	100m/min
Maximum Operating Acceleration	1.0g
Maxmum load (Single tube)	260kg (<43kg/m)
Clamping range	Round: 10-230mm, Square : 10-230mm
Machining material wall thickness range	>0.8mm
Tail length	>80mm (The front card avoids and the rear card is held separately)
Machine Dimensions Approx. (L*W*H*)	9700mm x 2300mm x 2500mm

CNC PRESS
BRAKE MACHINE



CNC MACHINE SPECIFICATION

Cnc Press Brake		Unit	80 Ton 2500	110 Ton 3200	110 Ton 4000	125 Ton 3200	125 Ton 4000	160 Ton 3200	160 Ton 4000	200 Ton 3200	200 Ton 4000
Maximum Bending Force		KN	800	1100	1100	1250	1250	1600	1600	2000	2000
Bending Length		mm	2500	3200	4000	3200	4000	3200	4000	3200	4000
Distance Between Columns		mm	1980	2655	3355	2655	3355	2655	3355	2655	3355
The Depth Ot The Throat		mm	300	350	350	350	350	350	350	350	350
Stroke		mm	150	200	200	200	200	200	200	200	200
Maximum Opening Height		mm	400	455	455	455	455	475	475	475	475
No Load Speed Of Slider		mm/s	180	180	180	180	180	160	160	140	140
Slider Working Speed		mm/s	14	13	13	13	13	10	10	10	10
Slider Return Speed		mm/s	170	170	170	160	160	140	140	110	110
Main Motor Power		kw	5.5	7.5	7.5	11	11	11	11	15	15
Weight Approx		kg	5500	6800	7500	7500	8500	10000	11000	12000	13000
Numerical control system		Swiss CYBELEC CNC System Controls Y1, Y2, X, R Axis and Mechanical deflection Compensation									
Back Gauge	X Axis	Precision	mm	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10
		Trip	mm	600	600	600	600	600	600	600	600
		Maximum Speed	mm/s	200	200	200	200	200	200	200	200
		The Motor Power	kw	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85

MICRON LASERS



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