



TECHNO LASER

- **FIBER LASER MARKING MACHINE**
- **UV, CO2, FLY LASER MARKING MACHINES**
- **GOLD LASER CUTTING MACHINE**
- **CO2 LASER CUTTING & ENGRAVING MACHINE**
- **JEWELLERY LASER WELDING MACHINE**
- **HAND- HELD LASER WELDING MACHINE**
- **DIE AND MOULD LASER WELDING MACHINE**
- **LASER CLEANING MACHINE**
- **CNC WATER JET CUTTING MACHINE**
- **CNC FIBER LASER METAL CUTTING MACHINE**
- **CNC WOOD & STONE ROUTER MACHINE**
- **UV PRINTER**

COMPANY INTRODUCTION

About Us

Techno Laser, Incepted In The Year 2012 Has Emerged As A Leading Firm Engaged In The Manufacturing Of CNC Fiber Laser Metal Cutting Machine, Fiber Laser Metal Marking Machine, Laser Cleaning Machine, CNC Water Jet Cutting Machine, CO2 Laser Cutting & Engraving Machine, Laser Welding Machine, Laser Rust Removal Machine, CNC Wood Router, Jewellery Laser Welding Machine Our Products Are Known For Their Long Service Life, Easy Usage And Less Maintenance. We Offer The Most Efficient Products At Very Competitive Prices, Ensuring Value For Money With Outstanding Service Support. Our Ethical Business Practices And Customer-centric Approach Has Won Us Accolades From Our Esteemed.

Our Mission & Vision

We Believe That We Are On The Face Of The Earth To Make Great Products And That's Not Changing. We Are Constantly Focusing On Innovating. We Believe In The Simple Not The Complex. We Believe That We Need To Own And Control The Primary Technologies Behind The Products That We Make, And Participate Only In Markets Where We Can Make A Significant Contribution. We Believe In Saying No To Thousands Of Projects, So That We Can Really Focus On The Few That Are Truly Important And Meaningful To Us. We Believe In Deep Collaboration And Cross-pollination Of Our Groups, Which Allow Us To Innovate In A Way That Others Cannot. And Frankly, We Don't Settle For Anything Less Than Excellence In Every Group In The Company

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Fiber Laser Marking Machine



APPLICATIONS :

- Electrical Part And Component.
- Mobile Communications (Charger, Battery, Key board).
- Jewellery (Gold & Silver Cutting And Engraving).
- Building Materials, PVC Pipe.
- Instrument And Meters And Cutting Tool.
- Aviation And Aerospace.
- Military Product.
- Hardware Fitting And Accessory And Many More.
- All Type Of Metal Like Ss,ms,al,brass & Hard Plastics Etc

SAMPLES



Hardware



Kitchenware



Appliances Life



Cosmetics



Electronics



Lighting



Machinery



Bottle

AVAILABLE BODY OPTION

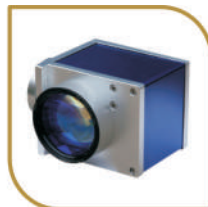


FEATURES

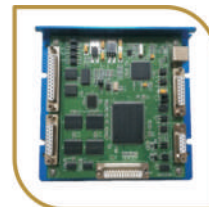
- Manual Handle Wheel
- Suitable For Metallic Material Marking
- High Speed Marking With Dual Focus Finder
- Long Z-Axis Travel



Fiber Laser source



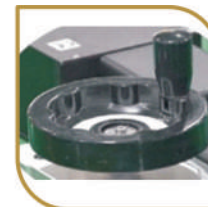
Sino Galvo Scan head
(Singapore)



JCZ original
control card



Optional :
Motorized Up & Down



Lifting Handle



Computer



Power supply



Foot pedal



F-theta lens

Marking Machines

UV Laser Marking Machine



FEATURES

Photoelectric Integration,
Anti - Interference
- Fully Sealed Structure,
Dust - Proof, Moisture -Proof

APPLICATION

Can Mark On All Type Of
Non Metal & Glass ,Pcb,Abs,Etc.

TECHNICAL SPECIFICATION

Source	JPT,GW
Watt	3w,5w,10w
Marking Area	70x70 Up To 300x300mm
Cooling	Water Cooled
Wavelength	355nm
Power Requirement	230v
Weight	100 Kgs



CO2 Laser Marking Machine



TECHNICAL SPECIFICATION

Brand	Coherent, Synard,Crd,Dawi,Efr,Reci,Youngli
Laser Type	Metal Tube, Glass Tube
Watt	30w 60w 100w,150W, UP TO 300W
Marking Area	70x70,100x100,150x150,300x300 600X600,800X800,1200X1200
Cooling	Water Cooled
Wavelength	1030 - 1070 Nm
Power Requirement	230v



APPLICATION

Acrylic Engraving & Cutting, MDF Engraving & Cutting, Paper Cutting,
Leather Engraving & Cutting, Engraving on Wood & Bamboo,ETC.

Fly - Online Marking Machine



FEATURES :

All Types For PVC Pipe Industries
Products Used.
Reliable & Movable Machines.

APPLICABLE MATERIALS

Mainly Use To Print ,CPVC,UPVC,PVC Pipe,

TECHNICAL SPECIFICATION

Laser Type	Fiber & Uv Laser
Watt	3W,5W,30W ,50W
Cooling	Water Cooled
Power Requirement	230v



Gold Laser Cutting Machine

AVAILABLE BODY OPTION



FEATURES

- Focused On High Reflective Noble Metal Material Cutting
- 9k-gold-24k-gold, Silver And Bronze Of All Grade
- No Cutting Burr With Shining Cutting Edge
- Recycling Collection System Loss Rate: 1.0-4.0g/kg
- Thickness Cutting Range Gold/ Silver/ Copper 1mm-3mm

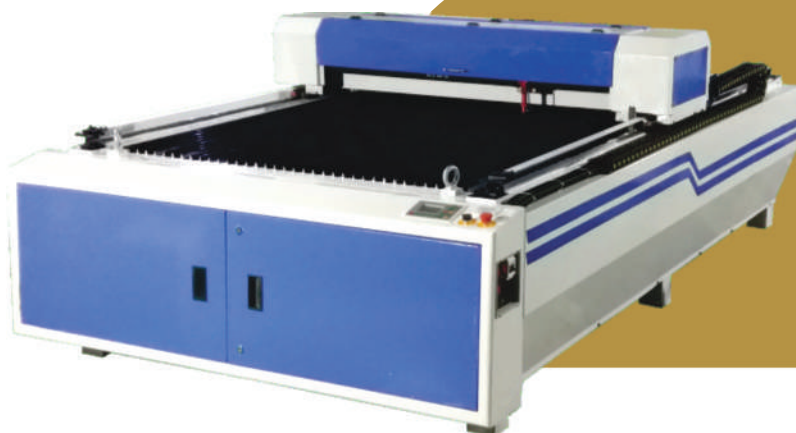
SAMPLES



SPECIFICATIONS :

Laser Power	30W	50W	60W	80W	100W
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/250*250mm 300*300mm				
Min Font Height	0.2 mm				
Min Linewidth	0.01 mm				
Repetition Accuracy	±0.003 mm				
Operating Power	0.5KW/AC220V/50Hz				
File Format Support	AI, PLT, PCX, DXF, BMP				
Work Environments	10-40? iAHumidity: 10%-90%				
Cooling Type	Air Cooled				
Gauge Cutting	15 to 35				

CO2 Laser Cutting & Engraving Machine



MODEL	TLC-9060	TLC-1390/1410/1610	TLC-1325
X,Y Cutting Area	900 X 600	1300 X 900 / 1600 X 1000	1300 X 2500
Laser Power	80W / 100	W130W / 150W	100W/130W
Travelling Speed	<500mm/s		
Reposition Accuracy	+0.01mm		
Minimum Letter Size	1mm (English Font)		
Power Adjustment	1 to 100%		
Maximum Cutting Thickness	Upto 15mm Acrylic	Upto 20mm Acrylic	Upto 25mm Acrylic
Working Table	Blade and Honeycomb(Optional)		
Driving System	Stepper Motor		
Operating System	Windows 7 32 bit/64 bit/Windows 10		
Interface	USB interface		
Supported Format	BMP PLT DST,AI,DXF,etc.		
Working Voltage	Single Phase AC220V±10%, 50-60Hz (Required Earthing)		
Running Environment	45°C; Humidity 5%-95% (without condensed water)		
Overall Dimension(LxWxH)	1420 X 1020X 980	1820 X 1320 X 980	3650 X 1883X 940
Weight	250kg	410kg	870kg
Power Consumption	3 Kw – 10 kw		

AVAILABLE OPTION

Double Head, Four Head, Motorized Up Down,

STANDARD ACCESSORIES

Standard Blower Compressor, Honeycomb & Strips Table, Chiller.

APPLICATION

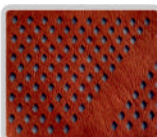
Acrylic Engraving & Cutting, MDF Engraving & Cutting, Paper Cutting, Leather Engraving & Cutting, Engraving on Wood & Bamboo, Cutting of different 3D models and Many more.



Paper Cutting



Leather Engraving



Leather Cutting



MDF Cutting



Acrylic Cutting & Engraving

Jewellery Laser Welding Machine



PARAMETERS

MAX.Output Power	200W
Wavelength	1064nm
Type of Laser	Nd: Y AG
Pump Source	Xenon Lamp
Max.Single Pulse Energy	90J - 140J
Pulse width	0.1-20ms
Frequency	0-100HZ
Solder Joint Size	0.2-2.0mm
Max.Welding Depth	1.0mm
Cooling Way	Water Cooling
Power System	7KW
Power Requirement	220V+10%



ITALIAN MODEL



FEATURES

- gold & silver repair
- 24Hr Continuously working
- High speed Welding compatible
- First and last pulse equally usable
- Maintenance free operation
- Maximized peak power over full
- Operational repetition rate

Hand-held Laser Welding Machine



TECHNICAL SPECIFICATIONS :

Country of Origin	Made in India
Brand	techno laser
Laser	Raycus,Jpt,lpg,Max
Capacity	1000 - 4000w
Material	SS, CS, AL Products and Galvanized Sheet
Length of Optical Fiber	5m/8m
Welding Head	dual protective lens+adjustable laser spot (1-3mm)
wire feeder	optional

FEATURES

- SMALLER SIZE, FLEXIBLE AND CONVENIENT
HIGH-QUALITY WELDING, FIRM WELDS
LOW USE AND MAINTENANCE COSTS



Die And Mould Laser Welding Machine

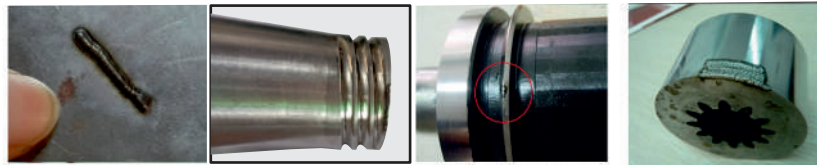


TECHNICAL SPECIFICATION

Laser Power	400w /600w
laser type	YAG laser
Lense	Taiwan
Power Supply	380V (3 Phase)
Spot Diameter	0.2-0.5mm
Type	Water Cooled
Note	CW Laser Type Also Available,
Optional	Fly,Crane,3-5 Axis

APPLICATION

For Repairing And Welding On All Type of Mould like Injection, die Casting And Repairing For Casting, Machining Parts, Such As Sand Hole, collapse, Cutting Processing Etc, and Welding For All Kinds Of Metal Structure, Also Like Gold And Silver Jewelry Processing.



Laser Cleaning Machine



TECHNICAL SPECIFICATION

Machine model	TLRCM -50/100/200/300w
Laser source	RAYCUS/IPG/JPT
Laser power	100-300w
Gross weight	80-100kg
Gross power	1500w
Scanning width	10-150mm
Work temp	10-40
Notes	CW 1000- 3000w Optional

APPLICATION

1. Metal surface rust removal
2. Paint cleaning
3. oil Stain Cleaning
4. Welding/Coating surface pre-treatment.
5. mould residues cleaning.
6. Laser Rust Removal Machine Mainly Use to Remove Rust And Paints.

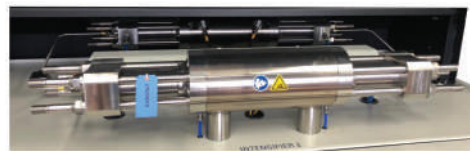


CNC Water Jet Cutting Machine



TECHNICAL SPECIFICATION

Country of Origin	Made in India / Imported
Model	TLWJ-1530,1010,1325,2060,4060
Capacity	30 ,50,120 HP
Automation Grade	Automatic
Orifice Diameter	0.1- 0.3MM
Control Type	Software
Spindle Speed	UP To 80000/Rpm
Cutting Technique	Abrasive cutting

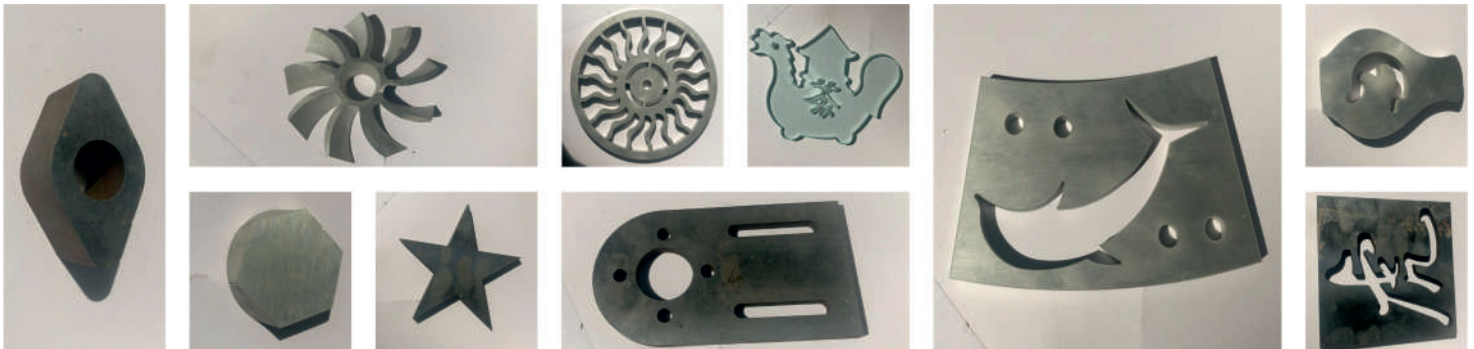


- Cnc Waterjet Cutting Machine Features
- No Distortion Due To Heat As With The Laser & Plasma Cutting Machine (cold Cutting Technology)
- Can Cut Up To 200 Mm Steel & Other Material Such As
- Granite, Hard Wood, Ss, Ms, Brass, Plastic, Plexiglas, Marble, Tiles, Glass

Technical Parameters

Max. Water Flow	3L/min-5L
Max. Nozzle Diameter	0.3-15mm
Max. Pressure	420MPA
Continuous Cutting Pressure	340MPA
Main Motor Power	37KW
Power Supply	380V/50HZ, 3 Phase

SAMPLES



CNC Fiber Laser Metal Cutting Machine



FEATURES

- High quality Linear guide Taiwan
- Driving Systems : AC Servo Motor & Drivers
- High Quality and Professional thermostatic Industrial chiller
- Cutting Head From Raytool
- CypCut / Weihong control system

Model No	TLFLC - 1530
Working Area	4*4,4*8,5*10,6*20,8*20,
Laser Source	1500 / 2000 / 3000/4000 - 12KW
Cutting Head	Raytool WSX,OSPIRI,PRECITECH
Laser Wavelength	1080 nm
Max. Cutting Speed	30 - 50 m/mm (Depends on Watt & thickness)
Max. Traveling Speed	120 -180 m/mm
Position Accuracy	<± 0.02 mm
Minimum Line Width	< 0.12 mm
Cooling System	Water Cooling
Drives & Control	AC Servo Motor
Working Voltage	AC 420V
Weightage	3 -20ton
SOURCE	IPG,RAYCUS,MAX,JPT,NLIGHT,SPI
(AUTOPALLET CHANGER,ENCLOSED & TUBE CUTTER OPTIONAL)	



Advance Cutting Heads



AC Servo Motors



High Precision Helical Rack and Pinion



Low Backlash, High Precision Gear Box



Heavy Duty Structure



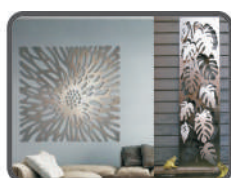
High Quality Industrial chiller

FIBER LASER CUTTING MACHINE APPLICATION FIELDS

Applicable To Fast Cutting On Plate In Metal, Mainly For Cutting On Ss, Carbon Steel, Manganese Steel, Galvanized Plate, Alloy Plate, Rare Metal; Widely Used In Kitchen Appliance, Electric Control Box, High-resolute Device, Mechanical Equipment, Hardware And Metal Cutting.



SIGNAGE



INTERIOR DECORATION



ENGINEERING

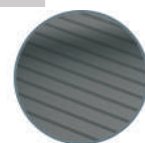


GIFT & ARTICALS

CNC Wood & Stone Router Machine



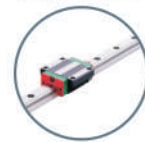
TS - 1325
1300 x 2500 x 200 mm
3.5 ,4.5 ,5.5,6,9 KW Air Cooled
18000 RPM
03 to 020mm
0.050 mm
PCI Based
Stepper / Servo Motor
HPGL, G-code
AC 420V / 3PH



Rigid PVC Sheet



Motor



Linear Guidways



6KW Air Cool Spindle



Helical Rack & Pinion



Gear Box



APPLICATION

Performance and Features of RS 1325 CNC Router

- 25 MM Linear Guidways for high positional accuracy and long life with high motion accuracy
- 6 KW air cooled spindle gives you very stable, trouble-free, maintenance-free performance for long period of time.
- Fast speed and high accuracy ensured by gear transmission equipped on CNC Router.
- High accuracy and heavy workload ensured by imported square rail.
- Manual lubrication maintenance provided by lubrication system.
- Axis Drive system : X, Y - Rack, Z-Ball Screw
- Working table is covered with rigid PVC sheet for long life of aluminum T slot table.

UV Printer



TECHNICAL SPECIFICATION

Working Area	A4,2x1,3x2,4x8, 5x10,etc.
Printhead	Ricoh Gen 5i, Epson Tx800,customized
Power Consumption	3 - 30kw
Material Thickness	Up To 100mm
Usage/application	Any Flat Surface
Print Resolution	600,800,1200,2400 Dpi
Printheads	4-8 Head

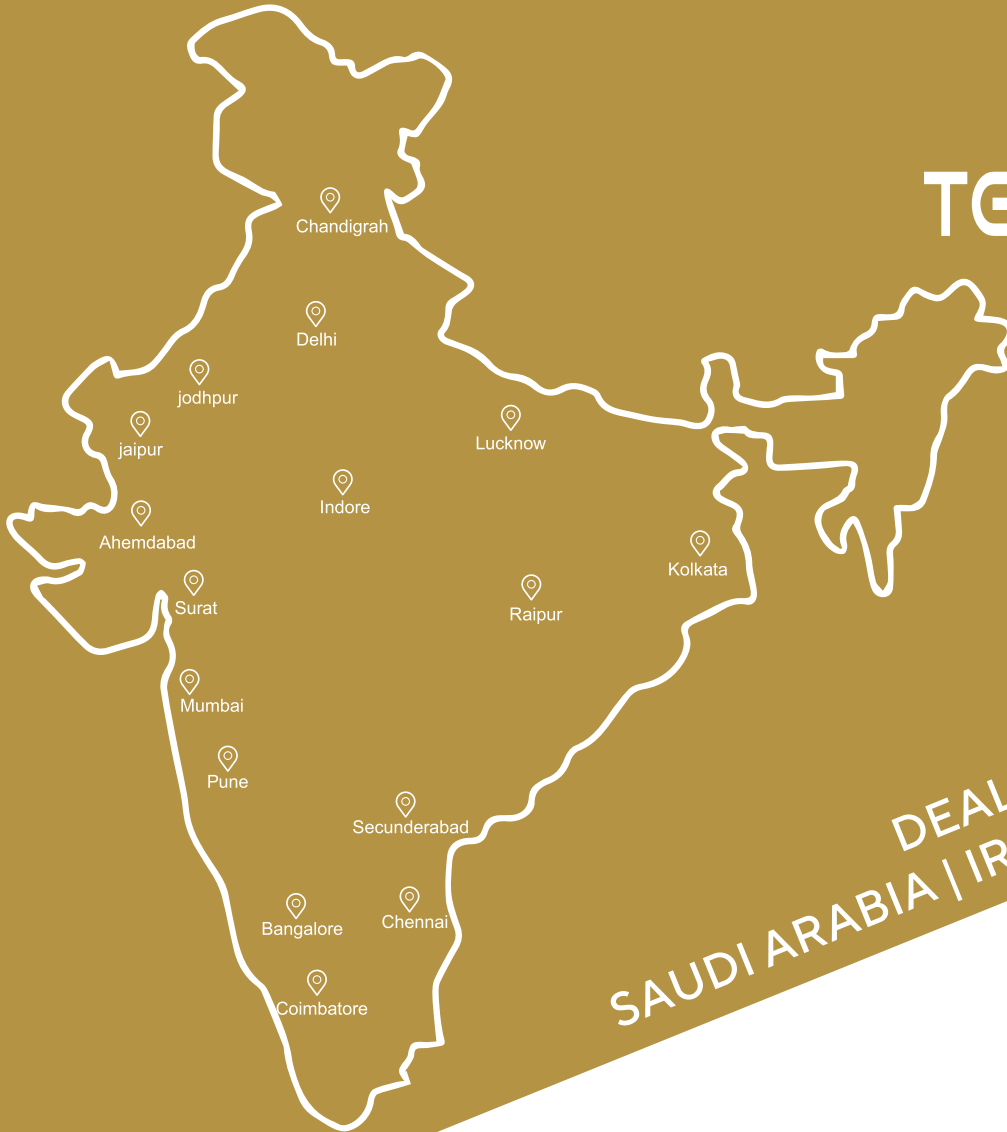
APPLICATION

Widely Use For Printing On Glass Printing, Wall Printing Tiles Advertising, Lather,Customization,Any Flat Surface





TECHNO LASER



DEALERS
SAUDI ARABIA | IRAQ | CANADA | U.K



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