



Angel India





Company Profile



We, Angel India Cad Private Limited are engaged in the sphere of importing, supplying and trading a wide assortment of CNC, LASER and Printing machines. With our consistent hard work we have set new benchmarks in the industry. Their business acumen has helped us to earn large number of clientele across the country and abroad.

We are the Supplier of very high quality Printing and Imaging Products like Laser Cutting Machine, Laser Engraving Machine, Laser Metal Cutting Machine, Laser Marking Machine, Laser Welding Machine, 3D Laser Subsurface Machine, CNC Router Machine, Cutting Plotter Machine, Flatbed Printer, Plasma Cutting Machine, Blade Bending Machine, Metal Processing Machine, Laser Die board Machine from New Delhi, India.

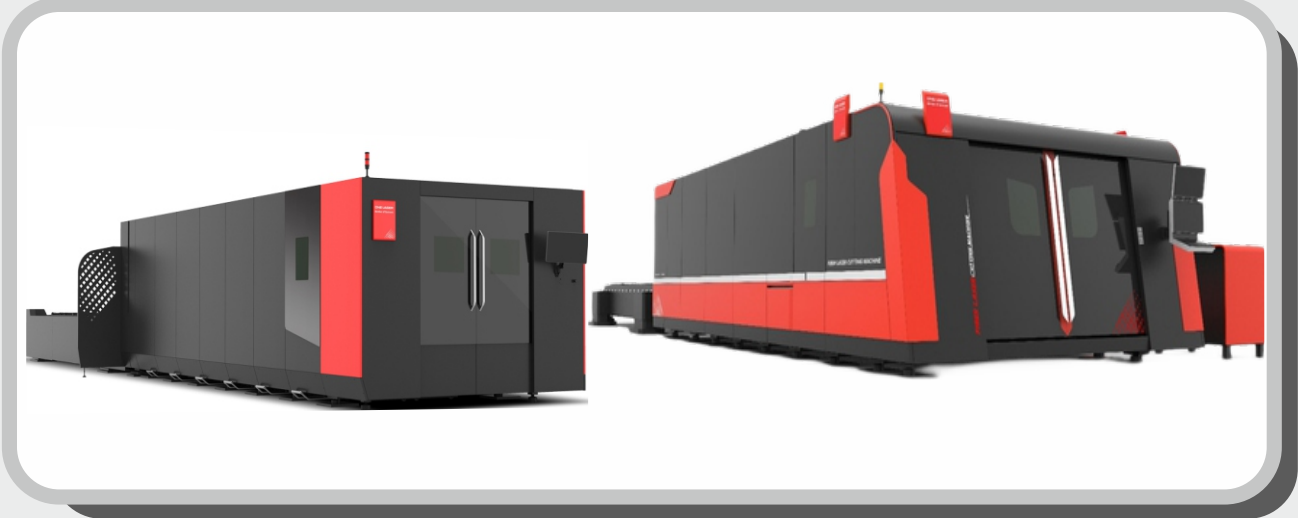


Angel India Cad Cam Pvt .Ltd





OUR RANGE OF PRODUCTS



DNE LASER Member Of Bystronic Group



SPIRIT GCC LASER



JAGUAR GCC PLOTTER



YODHA T 6090



ECO SOLVENT PRINTER MIMAKI



YODHA UV FLATBED PRINTER T 2513



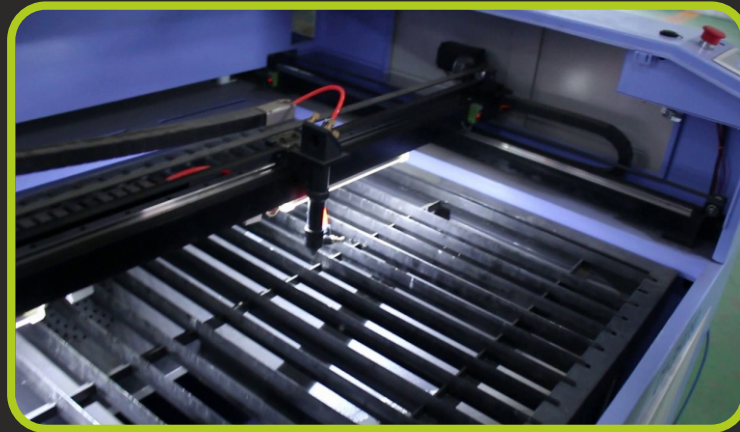
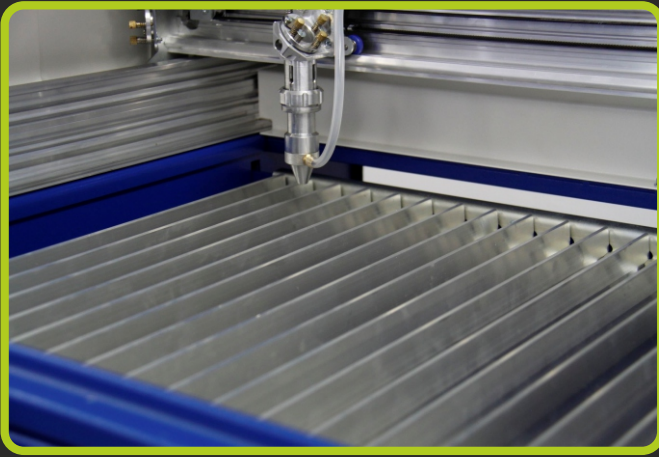
ANGEL Co2 MARKER



ELECNC ROUTER



MIMAKI CG-SR-130



Application Industry

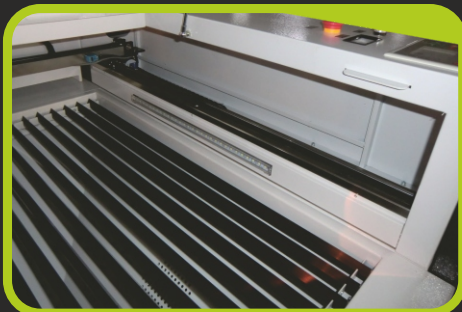
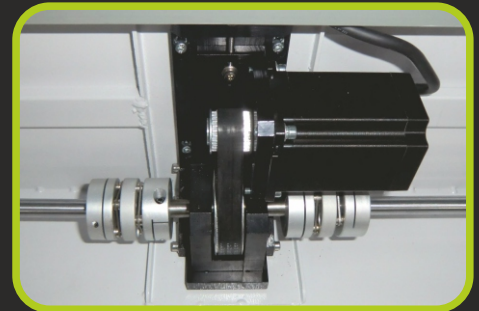
Advertising signs and logos, crafts and gifts, crystal ornaments, paper cutting techniques, relief, the printing plate, leather, clothing, embroidery, decoration, frame productions. appliances, etc.

Applicable Materials

Non-metal materials like cloth, woollens, leather, paper, ABS double color sheet, acrylic sheet, wood, bamboo, plastic, rubber, tile, crystal etc

Faster than others

The new PLUS series designed maximum effective working style. With the high speed Step motors, Inner guide, Japanese bearings and maximum speed design it will up to 1 meters/second engraving speed, 600mm/second cutting speed. The BEST CHOICE in market.



Multi Function Table Design

Depends on your material you have to use different working tables. The new PLUS series has Honeycomb table, Knife table as standard configuration. It has vacuuming under honeycomb table. With the pass-through design easy Access to use big size material. *If you want up/down table, we can also provide.

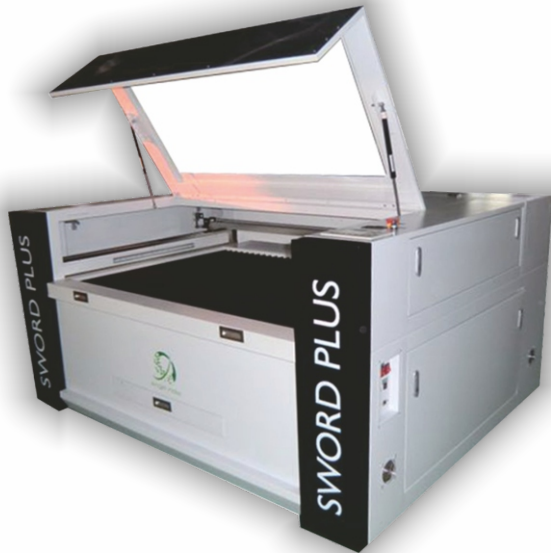
Strong, Stable and Modern Body

The new PLUS Series was designed by manufacturer from CHINA. It was build on 10 years experience, customer feedbacks. Machine Body's Thickness is from 1.5mm to 5mm. Total machine is 1.5 times than other machines in market. Machine with high stability. LED Lights from left and right side looking machine inside view very bright.



PLUS SERIES

Co2 laser engraving & cutting machine



Product Features

1. Our Laser machine adopts 64 DSP digital controlling technology. It offers function of successive, rapid and curved cutting, optimization of shortest processing path to create high efficiency and stability.
2. The newest software is matched to AutoCAD, CorelDraw and other graphics processing software for outputting original graphics. It defines engraving sequence freely to realize one time or whole output.
3. Professional accessories are provided for various processing. Honeycomb table is suitable for textile industry, aluminum blade table is usually used in advertising industrial, rotary is supposed to engrave or cut cylinder such as pencil vase.

Technical Parameters:

Model	Eroder	Glare	Sword	Scissors	Jumbo
Size	6040	9060	1390	1490	1610
Working Table	Aluminum blade or honeycomb				
Laser type	CO2 Long lifetime catalyst sealed CO2 laser tube				
Laser power	60W/80W/100W/130W/150W/180W				
Rapid speed	600mm/s				
Resetting positioning accuracy	0.05mm				
Graphic format	CDR, BMP, JPG, DST, PLT, DXF, DWG, TIFF, PSD, AI				
Supported software	CorelDraw, Photoshop, Illustrator, AutoCAD etc.				
The smallest cutting characters	Chinese 2.0mmx2.0mm, English 1.0*1.0mm				
Power supply	AC220V/AC110V ± 10%, 50~60HZ				
Operating temperature	0~45 °C				
Operating humidity	5~95%(free of condensed water)				

Co2 Laser engraving & cutting Machine



Product Features

The **CCD 1610 Co2 laser machine** takes our highest-quality engraving technology and incorporates it into smaller-format systems which allow customers to get the latest technology in a transportable format. The CCD 1610 Co2 laser machine feature a touch-screen display panel, on-screen artwork positioning with our CCD camera system, and job trace functionality for quick and easy artwork setup.

- 1610 extra large working area.
- High speed, Precise and Rapid movement.
- 100% Quality at maximum speed.

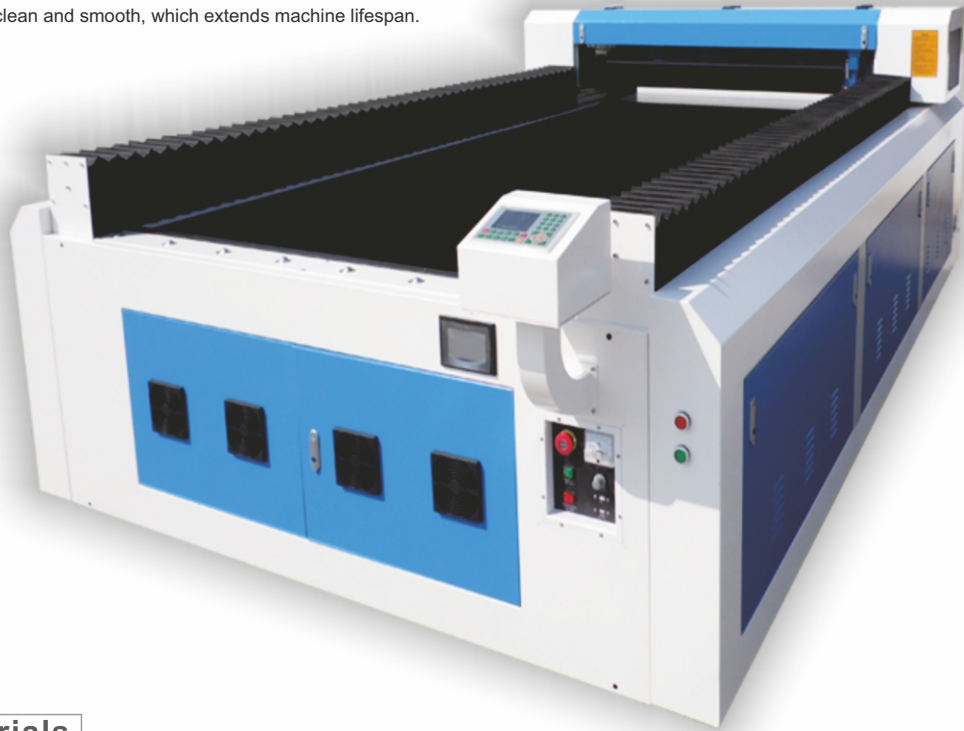
Technical Parameters:

Product Model	CCD 1610 Co2 Laser cutting & Engraving Machine
Volume & Gross Weight	2300*1650*1270mm/450kg
Working Table	Aluminum blade or honeycomb
Laser type	CO2 Long lifetime catalyst sealed co2 laser tube
Laser power	60W/80W/100W/130W/150W/180W
Cutting speed	0-600mm/s
Engraving speed	0-1000mm/s
Resetting positioning accuracy	0.01mm
Graphic format	CDR, BMP, JPG, DST, PLT, DXF, DWG, TIFF, PSD, AI
Supported software	CorelDraw, Photoshop, Illustrator, AutoCAD etc.
Power	AC220V/AC110V ± 10%, 50~60HZ
Operating temperature	0~45 °C
Operating humidity	5~95%(free of condensed water)

Co2 LASER 1325

Product Features

1. Open type working table achieves large format engraving and cutting area.
2. Dust helmet keeps linear guide rail clean and smooth, which extends machine lifespan.
3. Guide rail groove is one-piece type and made by milling machine. Light patch won't be changed after long time using, which makes the whole machine more stable and cutting more precise.
4. Whole machine with stable mechanical design, ensure high stability, high speed and high precision.
5. Honeycomb table with thicker ZnFe alloy, more durable & smooth. Laser path system use Mo mirrors & imported lens, which keeps the same power output at any site on working table.



Applicable Materials

Non-metal materials like cloth, woolsens, leather, paper, ABS double color sheet, acrylic sheet, wood, bamboo, plastic, rubber, Mdf Raccine etc

Technical Parameters:

Product Model	1325 (1300*2500mm)
Working Table	Triangular Blade
Laser type	CO2 Long lifetime catalyst sealed co2 laser tube
Laser power	200W / 400W / 600W
Cutting area	1300*2500mm
Cutting speed	0-600 mm/s
Motion system	Offline motion system with high precision linear guide rail and stepper motor
Resetting positioning accuracy	0.05mm
Graphic format	CDR, BMP, JPG, DST, PLT, DXF, DWG, TIFF, PSD, AI
Supported software	CorelDraw, Photoshop, Illustrator, AutoCAD etc.
The smallest cutting characters	Chinese 2.0mmx2.0mm, English 1.0*1.0mm
Power supply	AC220V/AC110V ± 10%, 50~60HZ
Operating temperature	0~45 °C
Operating humidity	5~95%(free of condensed water)

ELECNC 1325 Wood Router



Product Features

1. Entire steel frame structure, high temperature to make the frame regain the same steel feature of high strength, ensure the bed undeforable.
2. Gantry movement style structure, scientific and reasonable table design. Optional automatic oil lubrication system, free maintenance.
3. The X-axis and Y-axis are transmitted by the imported gear and rack with high precision. Running more stable and quiet with high speed and great power.
4. The Z-axis is driven by the ball bearing screw rod with original screw nut of European brand. Its travel is up to 200mm.
5. The large-scale straight-liner square guiding track is imported from Taiwan with high steel feature.

Technical Parameters:

MODEL	ELECNC 1325 WOOD ROUTER
Working Area	1300*2500*200
Running Speed	Upto 50m/min (Depend upon material thickness)
Spindle Moter	3KW / 4.5KW / 6KW / 7.5KW / 9KW , Spindle
Spindle Speed	0-18000 RPM / 0-24000 RPM / 0-36000
Operating System	NK 105 & Rich Auto Controller System
Drive System	Lead Shine Drive With Stepper Motor
Z MAXFeed - in	120mm (Customizable)
Holding	T - Slot
Optional Device	Dust collector (Single or Double Bag)
Command Code	Gcode (*uoo, *nc, *mmg, *plt)
Applied Material	Acrylic, MDF, Hard Wood, PVC
Oil supply system	Automatic Oil supply system

ELECNC 1325 Stone Router



Product Features

1. Entire steel frame structure, high temperature to make the frame regain the same steel feature of high strength, ensure the bed undeforable.
2. Gantry movement style structure, scientific and reasonable table design. Optional automatic oil lubrication system, free maintenance.
3. The X-axis and Y-axis are transmitted by the imported gear and rack with high precision. Running more stable and quiet with high speed and great power.
4. The Z-axis is driven by the ball bearing screw rod with original screw nut of European brand. Its travel is up to 200mm.
5. The large-scale straight-liner square guiding track is imported from Taiwan with high steel feature.

Technical Parameters:

MODEL	ELECNC 1325 STONE ROUTER
Working Area	1300*2500*200
Running Speed	Upto 50m/min (Depend upon material thickness)
Spindle Moter	3KW / 4.5KW / 6KW / 7.5KW / 9KW , Spindle
Spindle Speed	0-18000 RPM / 0-24000 RPM / 0-36000
Operating System	NK 105 & Rich Auto Controller System
Drive System	Lead Shine Drive With Stepper Motor
Z MAXFeed - in	120mm (Customizable)
Holding	T - Slot
Optional Device	Dust collector (Single or Double Bag)
Command Code	Gcode (*uoo, *nc, *mmg, *plt)
Applied Material	Acrylic, MDF, Hard Wood, PVC, Nylon, Aluminium, Brass, Korean, Granite, Stone
Oil supply system	Automatic Oil supply system

FIBER MARKER 1064 μm

Fiber Laser Marker Machine

Product Features

1. Our Fiber Laser Marking Machine use Raycus or IPG laser source, sealed laser structure, output optical fiber, optical isolation, free maintenance.
2. Digital scanner can mark as high speed. Powerful control system can optimize different processes according to the various data. Multi-language is available. It supports up to 256 color layer management functions, meet multiple application.
3. Fast speed, small size, low power consumption, out-of-the-box, easy to operate.

Applicable Materials

Iron, stainless steel, aluminum alloy, zinc alloy, copper, nickel, plastic (PVC/PC/PU), ABS material, epoxy resin etc.



Technical Parameters:

Wavelength	1064um	Machine Dimension	900*800*1500mm
Spot Size	< 20 micron	Machine Weight	150kg
Laser Power	10/20/30/50/60W	Work Environment	No Dust , Ac, Online UPS 3KWA
Pulse frequency	20-80KHZ	Temperature	10-35°C
Cooling	Air cooling	Humidity	<85%(no condensation)
Marking area	110*110mm/1 75*175mm/20 0*200mm, 300*300	Machine Power	<800W
Work Speed	0-7000mm/s	Marking Angle	0°45°90°angle
Graphic Format Supported	BMP,JPG,AI,EXF, PLT,ETC , DXF	Rotation Precision	0.05mm
Supply Voltage	AC220v \pm 10V	Rotary Optional	
Frequency	50HZ-60HZ	Indication Light	Red Light
		Rotary Clamp	Optional

ANGEL CO2 MARKER

Co2 Laser Marker Machine

Product Features

1. Angel CO2 LASER marking machine enables optimal marking conditions for a variety of materials. With a wavelength of 10.6um, high precision marking is easily achieved.
2. The Galva-steered beam designed for marking enables the machine to mark at speed as high as 20,000 mm/sec.
3. CO2 laser systems can be used to mark 2d barcodes, 2d data matrix, logos, or any sequence of characters and numbers on your parts and products. Marking data can be input manually, bar code scanned, or downloaded from your mainframe computer or network system.

Applicable Materials

Electronics Component, Craftwork Gift, Leather, Shell Nameplate, Fabric Cutting, Foodstuff, Medicine Package Printing & Plate Making, Jeans Whiskering, Damaging And Writing.

Technical Parameters:

Model	Ac60/ AC80/ AC100/ AC130/ AC150
Laser Source	CO2, Sealed-off
Maximum Output Power	60/80/100/130/150
Working Area	70mm*70mm - 600mm*600mm
Laser Wavelength	10.64mu
Repeatability	± 0.01 mm
Cooling Systems	Air-Cooled / Water-Cooled
Maximum Linear Marking Speed	~ 7,000 mm/sec
Power Consumption	1.2KW / 2.6kW / 3.8KW / 4.4KW
Power Supply	AC Auto- Switching 220V/50~60Hz
Application	Electronic Component, Craftwork Gift, Leather, Shell Nameplate, Rubber Products, Garments Accessories, Fabric Cutting, Foodstuff, Medicine Package Printing & Plate Making. Jeans Whiskering, Damaging and Writing.



Product Features

1. It's Widely Used In Many Non-metal Materials, Such As: Leather, Fabric, Paper, Pvc, Rubber, Wood, Ceramics, Glass, Plastics (acrylic Resin, synthetic Fiber, Pe, Pt, Pvc) And So On.
2. It's Applied In Many Industries, Such As: Shoes, Garment, Clothing Accessories, Pharmaceuticals, Packaging, Toys, Food, Beverage, Medicine, Daily-use Cosmetics And Other Industries.

Technical Parameters:

Product Model	Angel Co2 Marker
Laser Power	180W/250W/350W /450W/500W
Repeat Frequency	1-130khz
Laser wavelength	10640nm
Marking area	450mm *450mm, 550mm*550mm, 650mm*650mm
Marking method	XYZ
Min line width	0.2mm
Marking speed	≤ 10000mm/S
cooling method	Constant temperature cooling group
Environmental requirements	Constant temperature 15 ° C; humidity 30-80% No condensation
Dimensions	1747mm* 1266mm* 1780mm
Optional	Motorized lift, auto focus, CCD, etc.



CK-LEG 100BL



Model	CK-LEG 100BL
Laser Source	Co2 Glass Tube
Laser Power	Recci W4 100 watt
Galvo Head	CK 3D Galvo
Wavelength	1064 mm
Marking Method	XYZ
Repeatability	±0.01 mm
Min. Line width	0.02mm
Max. Linear speed	<10000mm/s
Chiller	CW 5200 (Industrial Chiller)
Power Supply	AC Auto –Switching 220V/50~60Hz
Marking Area	600mm x 600mm
Marking Depth	0.01~0.2mm (Depend on Material)
Environment Requirement	Constant temperature
15°C; Humidity 30 - 80% No Condensation	



Angel India

Angel India Cad Cam Pvt. Ltd.

Head Quarter

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