



Infitek Laser 1300×900 CO<sub>2</sub> Laser Machine is designed to deliver reliable performance, precise cutting, and high-quality engraving for a wide range of non-metal materials. Built with a robust machine structure and advanced motion system, it ensures smooth operation, excellent accuracy, and consistent results even during long production hours. Whether you are working in signage, advertising, handicrafts, packaging, garment processing, or interior decoration, this machine provides the perfect combination of speed, precision, and durability. With its user-friendly design and trusted Infitek Laser engineering, the 1300×900 model is an ideal solution for businesses looking to increase productivity while maintaining superior cutting and engraving quality.



LEFT SIDE VIEW



RIGHT SIDE VIEW



FRONT VIEW (SIDE ELEVATION)

D-410, FOURTH FLOOR, SP, SQUARE, NR RAMOL POLICE STATION, AHMEDABAD - 382449.

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SPECIFICATION	MODEL
	<b>INFITEK_1390</b>
CUTTING AREA (X - Y)	1300mm X 900mm
LASER POWER	100W/130W
LASER SOURCE	SEALED GLASS CO2 LASER TUBE
TRAVELING PEED	600 mm/s
REPOSITION ACCURACY	0.02 mm
X- Y MOVEMENT MECHANISM	BELT TRASSISSION
OPREATING SYSTEM	WINDOW 7/8/10 (32/64 BIT)
Z-AXIS MOVEMENT	UPTO 180 mm (AUTOMATIC) (OPTIONAL)
MINIMUM LATTER SIZE	1.0 mm (ENGLISH LETTER)
POWER ADJUSTMENT	1 TO 100 %
COMPUTER INTERFACE	USB/UDISK/ETHERNET
COMPATIBLE SOFTWARE	AUTOCAD / CORELDRAW / PHOTOSHOP / TAJIMA
SUPPORTED FILE FORMAT	DXF/PLT/BMP/DWG/AI/JPG/GIF/HPGL
SUPPORTED MATERIAL	ACRYLIC, MDF, LEATHER, STONE
WORKING VOLTAGE	SINGLE PHASE 220-230V/ 50Hz-60Hz
OPERATING ENVIRONMENT	45 C, HUMIDITY 5% - 80%
MEMORY BUFFER	128 MB
FUME EXTRACCTION SYSTEM	CONNECTION OUTOUT 6" DIAMETER INCLUDING EXTERNAL EXHAUST STSTEM WITH MINIMUM FLOW RATE 1200m3/h (CFM 706 Ft./h)
POWER CONSUMPTION	2KW

## ❖ ACCESSORIES



### KEY COMPONENTS & BENEFITS

<p><b>LASER TUBE</b></p> <p>High-performance CO2 laser tube provides strong and stable laser output with long service life.</p> 	<p><b>LASER POWER SUPPLY</b></p> <p>Stable and reliable power output ensures consistent performance and longer machine lifespan.</p> 	<p><b>WATER COOLING SYSTEM</b></p> <p>Industrial water cooling system effectively reduces tube temperature for continuous stable operation.</p> 	<p><b>MIRROR &amp; LENS</b></p> <p>High-quality mirrors with high reflectivity and premium focusing lens for precise beam quality and accuracy.</p> 	<p><b>STEPPER MOTORS</b></p> <p>Branded motors ensure smooth movement, high precision and longer operational reliability.</p> 	<p><b>CONTROLLER SYSTEM</b></p> <p>Advanced Ruida controller system with DSP technology for user-friendly operation and high compatibility.</p> 	<p><b>ELECTRICAL COMPONENTS</b></p> <p>High-quality electrical parts and neat wiring for safe, stable and durable machine performance.</p> 	<p><b>EXHAUST &amp; AIR ASSIST</b></p> <p>Efficient exhaust fan and air assist system remove smoke and debris for cleaner cuts and better results.</p> 
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### MATERIAL SAMPLE - MDF & ACRYLIC



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