

## **A ONE MACHINERY EQUIPMENT**

528/623 , KILA NO-17/1 RAKBA NO-2MAIN  
SOHNA ROAD NEAR RADHA SWAMI SATSA NG  
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REF-AONE/MAY-24/018

M/S- SAHIL

LOCATION: GURGAON

1.5KW FIBER LASER CUTTING MACHINE (1500\*3000MM)



A ONE MACHINERY EQUIPMENT

DATE-31/5/2024



## Technical Parameter

Machine parts:	Advantages:
<b>Ray tools BM 110 auto-focus Laser head</b>	Optimization of the optical configuration, smooth and efficient air flow design rotary knob focus adjustment, more easy and flexible, Auto focus type.
<b>WIFI wireless control</b>	For providing quickly service, we add WIFI function for our technician operates troubleshooting and adjust parameters remotely
<b>Servo motor (YASKAWA)</b>	It has many functions, including auto-adjusting , position/speed control and internal positioning sequences etc.
<b>LM HIWIN rails X and Y</b>	Dual-drive, precise helical rack and pinion from HIWIN from Taiwan, high precision standard DIN6. Low inertia and high rotation speed.
<b>YYC TAIWAN rack</b>	YYC (Taiwan) with high precision.
<b>GERMANY SMC/Air tech Pneumatic components</b>	High efficient gas saving
<b>Aviation aluminum beam</b>	The fourth-generation aviation aluminum alloy beam. Light Weight and high strength. After high-strength extrusion molding. Compared with the cast aluminum beam, the density is more uniform, without pores and trachoma.
<b>CYPCUT control system 2000</b>	Perfect fault capture system, Multifunction & automatic.
<b>1.5kw RAYCUS/MAX Laser source</b>	Well-known brand of laser resonator in the market, it's with Advantages as high output power, high quality laser beam, over 30% coefficient of efficiency, Compact design, solid and easy to install. High electrical efficiency and environment Friendly
<b>GERMANY REDUCER</b>	High precision, high hardness, strong wear resistance.
<b>Auto lubrication system</b>	Electrical lubrication is a kind of gear pump with rational Construction, great performance, complete functions.
<b>Independent control cabinet</b>	Independent control cabinet
<b>Bovine roll beads</b>	All around design with ball bearing, easy to edge feeding.
<b>Motor X</b>	850W
<b>Motor Y1</b>	1.3KW
<b>Motor Y2</b>	1.3KW
<b>Z Axis</b>	400w
<b>Blade table</b>	Saw tooth blade table, suitable for sheet metal cutting.
<b>Air pressure real time monitoring system</b>	Automatic control of gas output.
<b>CE certification</b>	Europe standard
<b>HS code</b>	8456110091
<b>Maximum working range</b>	1500*3000mm
<b>X-Axis Travel</b>	1500mm
<b>Y-Axis Travel</b>	3000mm
<b>X/Y axis Positioning accuracy</b>	0.03mm
<b>X/Y axis repeat positioning accuracy</b>	0.02mm
<b>X/Y axis Maximum moving speed</b>	120m/min
<b>X/Y Maximum acceleration</b>	1.5G
<b>Machine weight</b>	3000kg(APPROX)
<b>FIBRE LASER CUTTING MACHINE POWER SOURCE</b>	<b>1.5KW RAYCUS/MAX</b>

Details of machine parts

**RAYTOOLS**



Raytools autofocus laser head



Heavy bed



Germany reducer

**Schneider Electric**



Schneider electric components

Auto lubrication system



YYS rack



YYS rack



Hiwin rail

**SMC**



Japan SMC Pneumatic Component

**NSK**



Japan NSK bearing

**TBIMOTION**



Taiwan TBI screw



S&A Water chiller 1.5kw



Exhaust fan

### E.Pro testing schedule



Measurement accuracy



Tri-axis accuracy testing



Parallel precision adjustment of rack



Laser power trial



Positional accuracy testing - X axis

S.NO.	Description of Goods	Qty.	Unit price(Rs)	Amount(Rs)
1.	1.5 KW FIBER LASER CUTTING MACHINE WITH RAYCUS /MAX POWER SOURCE	1 NOS	19,00,000/-	19,00,000/-
	<b>TOTAL</b>			19,00,000/-
	GST 18%			3,42,000/-
	<b>TOTAL PRICE</b>			<b>22,42,000/-</b>

- **Payment term:**100% in advance.

- **Validity :**15 days from the date of quotation.

**WARRENTY** - 1 YEAR MACHINE WARRENTY AND 2 YEAR POWER SOURCE.

**PAYMENT CONDITION** :-100 % ADVANCE.

**NO WARRENTY**- HEAD, FIBER CABLE, AND CONSUMABLES ITEM.

**Note** :-

Leaving an Area of 1.5 meters From the Wall Where Machine Installing.  
Provide Clean and Flat Surface where Fiber Laser Cutting Machine to be installed.  
Distance between Two Earthing is 1.5 meter minimum.

<b>Bank details:</b>
A ONE MACHINERY EQUIPMENT
Bank- YES BANK
A/C No- 053184100000969
IFSC- YESB0000531



**Yours Faithfully**

**SIMRAN- 9289936202.**

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**PLOT NO. KAHATA NO. 528 / 623, KILA NO. 17/1, RAKBA NO.2 , MAIN SOHNA ROAD  
NEAR RADHA SWAMI SATSANG MO, N.I.T. FARIDABAD 121004**

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Thanks for your reading.