



**Nanjing Prima CNC Machinery Co.,LTD.**

Mingjue industrial Park, Lishui District, Nanjing city, Jiangsu

## Formal quote

Date: 20230428 No : PR20230428

From : Grace . Primapress Brand

To : Engineer Amir Hassani from Iran

**Payment:** 30 deposit , rest 70% before dispatch

**Packaging:** Seaworthy Packing

**Delivery time:** within 30 working days after the receipt of your order.

**Loading port:** shanghai port China

**Warranty:** Two year warranty for the main components, 5 years for the whole structure.

**VALIDITY: 40 DAYS FROM THE DATE HERE OF.**

	<b>Commodities &amp; Specifications</b>	<b>Unit price (FOB Shanghai)</b>	<b>Qty (set)</b>	<b>Amount (FOB Shanghai)</b>
1	<b>1500W-Raycus-3000*1500mm-exchange table with full enclosed cover Auto focus Raytools cutting head-Full Encosed type = fiber laser cutting machine With voltage regulator, transformer</b>		1	



## fiber laser cutting machine




**Video link in Youtube : (we have Youtube channel .you can find more videos about us by below link )**

<https://www.youtube.com/watch?v=RjBTMuMjvW8&t=40s>


<https://www.youtube.com/watch?v=yBVpNnytt1Y&t=42s>

<https://www.youtube.com/watch?v=HvL NIM3aL yvw&t=34s>

### Main components introduction

Item	Machine parts	Introduction
<p><b>Raycus Source fiber laser device</b></p>		<p>Lifetime up to 100000 hours: The photoelectric conversion more than 35%; Working environment: 10-40 degree Device with air-condition to keep it in normal temperature.</p>



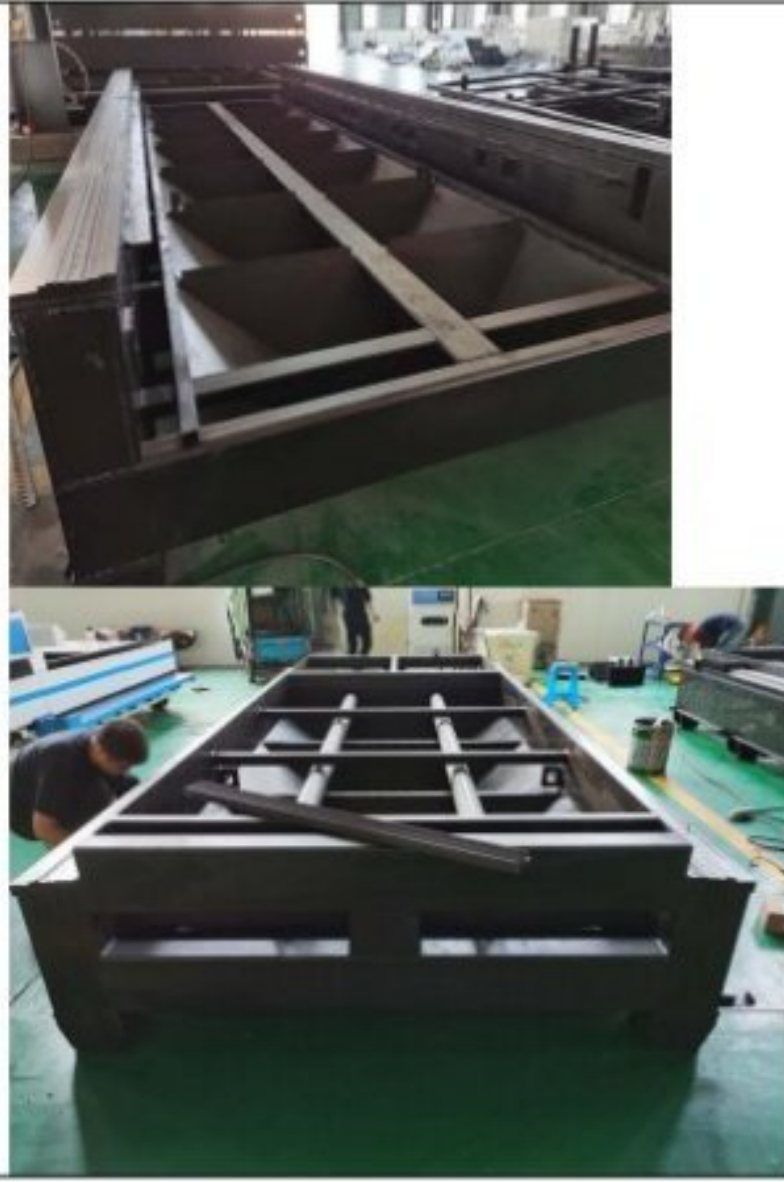
<p><b>2. Water cooling system S&amp;A Brand or Hanli Brand</b></p>		<p>Cooling laser device: Protect the the laser device in normal temperature, avoid moisture condensation. Cooling laser head: When machine working, laser head will produce large heat, water chiller cooling laser head to make sure the lens and mirrors avoid breaking because of the heat</p>
<p><b>3. Raytools laser cutting head</b></p>		<p>Swiss imported raytool laser cutting head with autofocus High cutting speed and best cutting quality Easier faster protective glass cartridge change Temperature constant distance control Scale for setting the focus position in lateral and vertical position</p>
<p><b>4. Servo Motor Japan Fuji brand</b></p>		<p>Japan Fuji Ac servo motor Improve machine transmission performance</p>
<p><b>5. Cypcut cutting system</b></p>		<p>1) System upgrade is easy. 2) System function can be extended by software itself, not like common CNC system, which must depend on the developers. 3) Cypcut control use hard disk storage process, come true huge amounts of NC memory.(more than 10 GB) 4) It is easy for learning system adjust and operation Cypcut control has high calculate speed and high precision, can realize machine high precision process with very fast speed</p>



<p>6.Taiwan HIWIN square rail and Germany ROR Gear</p>	 <p>The image shows a HIWIN square rail assembly with a red and green ROR gear. The HIWIN logo is visible at the top. Below the assembly is a close-up of the gear teeth.</p>	<p>Taiwan HIWIN square rail and Germany ROR gear</p>
<p>7.French Schneider electronic parts</p>	 <p>The image shows a Schneider electronic control panel with various components, including a terminal block with red wires and a green printed circuit board.</p>	<p>French Schneider electronic parts</p>
<p>8. French Motoreducer reducer</p>	 <p>The image shows a French Motoreducer reducer, a cylindrical metal component with a flange and a shaft.</p>	<p>French Motoreducer reducer</p>
<p>9.Integrated aluminum beam cast</p>	 <p>The image shows a cast aluminum beam, a long, rectangular metal component with a T-shaped cross-section.</p>	<p>Stable and lightly</p>
<p>10. Bochu system</p>	 <p>The image shows the Bochu system components, including a control panel with a display and buttons, a terminal block, and various cables.</p>	<p>China best brand, more than 20 years Controller history</p>

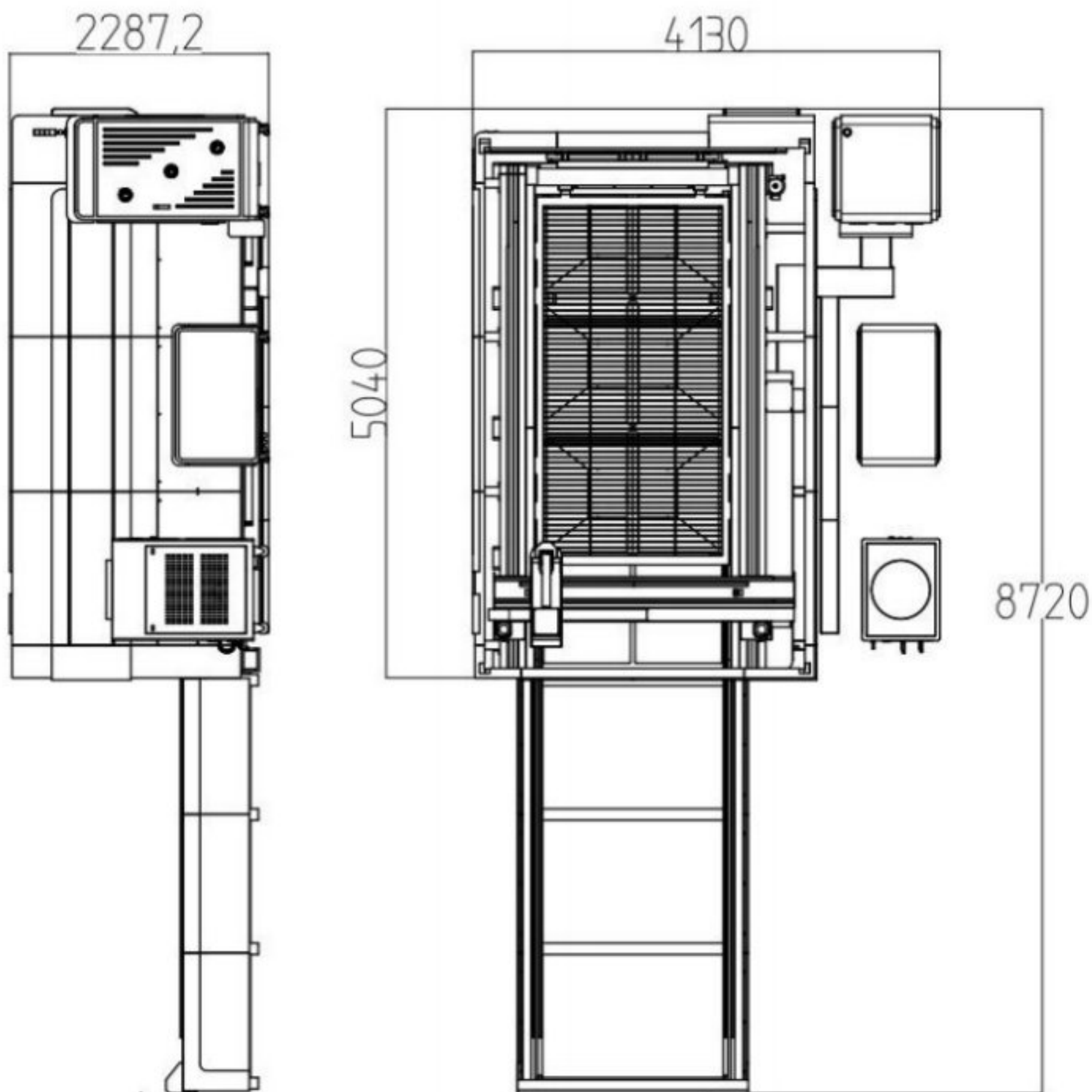


## 11. Working table



2, fast cooling holes and strong heating treatment worktable

## Machines dimension :



## PARAMETERS:





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Model	<p>PM 1500W-Raycus- Fiber Laser cutting machine</p> <p><b>Cypcut control system with cover</b>  <b>Exchangeable table and Auto focus,</b>  <b>Voltage stablizer</b></p> <p>Japanese FUji servo motors system          Germany OAR gears          Japan SMC /Airtac pneumatic parts          French Schneider electronic parts          French Motoreducer reducer          Raytools auto focus laser head          Auto exchangeable working table          Integrated cast aluminum beam          Taiwan HIWIN square rail          Laser head automatically adjust system.          Smoke purify system, air fans          Water cooling machine          Three years warranty          3year (the laser generator 2 years)          9150*2825*2125mm          Standard wooden case for international trading</p>
Laser Type	Raycus
Laser Wavelength	1070nm
Laser Maximum Power	1500W
Total Power Consumption	<10KW
Working Size	1500*3000mm
Max.cutting speed	0-80m/min(Depending on the material and thickness)
X, Y, Z Axis Orientation Precision	≤±0.05mm/m
X, Y, Z Axis Repeat Precision	≤±0.03mm /m
Min line width	≤0.15mm
Maximum Empty Running Speed	120m/min
Driving way	Japanese Fuji servo motors system
Transmission way	Y-axis imported gear rack double driver, X-axis imported ball screw
Cooling System	Water Cooling
Continous working time	24 Hours
Environment temperature	0-35° C
Power requirements	220V /50Hz or 60Hz
<p>Applications: High precision Metal material cutting            (Fine cutting for precision parts and various crafts, cutting surface is bright and clean, no need subsequent treatment)</p>	





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	500W	700W	1000W	1500W	2000W	3000W	4000W
<b>碳钢</b> Carbon Steel	6mm	8mm	10mm	14mm	16mm	20mm	22mm
<b>不锈钢</b> Stainless Steel	3mm	4mm	5mm	6mm	8mm	10mm	12mm
<b>铝</b> Aluminum	1mm	3mm	4mm	5mm	6mm	8mm	10mm
<b>黄铜</b> Brass	1mm	2mm	4mm	4mm	6mm	8mm	8mm
<b>紫铜</b> Copper	1mm	2mm	3mm	3mm	4mm	5mm	6mm
<b>镀锌板</b> Galvanized Steel	1mm	2mm	4mm	5mm	6mm	8mm	10mm

**Photos about us**





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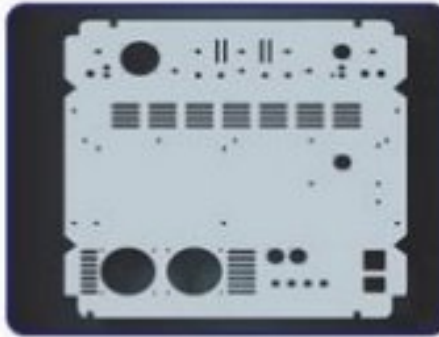
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Advertise



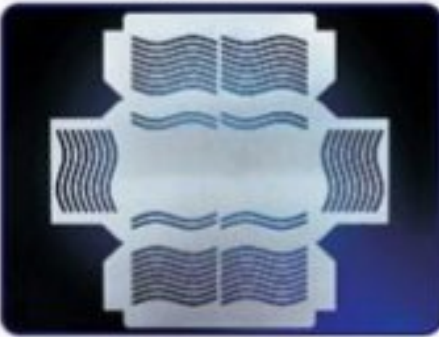
Chassis And Cabinet



Copper



Elevator



Jewelry



Lamps&Lanterns



Metal Artwear



Pipe



Precision Machinery

