

## Laser Cutting Machine



## General Tech Data

Model Specifications	Gantry Type Laser HN-L6020
Source	6Kw Raycus
Effective working length X axis	2000mm
Effective working length Y axis	6000mm
X,Y axis position accuracy	±0.02mm/m
X,Y axis repositioning accuracy	±0.02mm/m
X,Y axis moving speed	60m/min
Rated supply voltage	380V, 3Phase
Frequency	50Hz
Power consumption	27Kw
General power protection class	IP54
Maximum load of workbench	2200KG
Weight	5000KG
Dimension (Length*Width*Height)	7800*2800*1850mm

## Machine Parts

<b>Fiber Laser Source</b>	<b>6Kw Raycus</b>	
<b>Laser Cutting Torch</b>	<b>Raytools (Switzerland) BM06K</b>	
<b>Torch Height Control</b>	<b>BCS100</b>	
<b>CNC System</b>	<b>FSCUT hardware and Cypcut software</b>	
<b>Motor</b>	<b>Yasakawa Servo Motor Y=1300w, X=850w Z=400w</b>	
<b>Reducer</b>	<b>Shimpo (Japan)</b>	

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<b>Gear Rack</b>	<b>YYC (Taiwan)</b>	
<b>Linear Guide</b>	<b>THK (Japan)</b>	
<b>Water Cooling Machine (Chiller)</b>	<b>Tongfei (China)</b>	
<b>Dust Removal System OPTIONAL</b>	<b>Honeybee CNC</b>	
<b>Electric Apparatus Elements</b>	<b>Schneider</b>	
<b>Maintenance System</b>	<b>Auto Lubrication</b>	

**Hypertherm**

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PHOTONICS

**Roland**

Al Sakhra Al Musharafa Street - M. Abu Khamseh Complex  
Telefax : +962 6 4744749/5 - P.O.Box 923218 Amman 11192 Jordan

Jeddah -King Abd Al-Aziz Street - Queen Building - Office 803  
Telefax : +966 12 643 2425 - P.O.Box 34894 Jeddah 21478 KSA

Email: [info@jordan-automation.com](mailto:info@jordan-automation.com) - Website: [www.jordan-automation.com](http://www.jordan-automation.com)  @JOCAM.Ltd

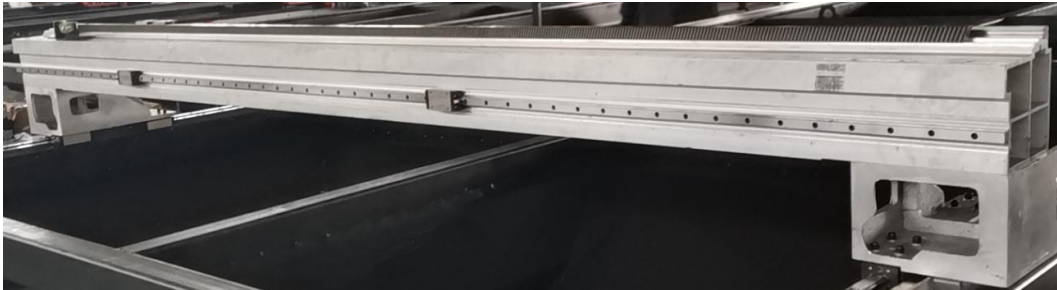
## Structure details

The gantry laser cutting machine mainly consists of the cross beam, working table, guide rails, cnc system, Z-axis device, gas path and other accessories.

### 1. Working table

Not include worktable. We will supply drawing and customer make it.

### 2. Tensile Aluminum Cross Beam



Better performance and looks brighter than cast aluminium, stable and not easy deformed, light in weight and good in dynamic performance. After secondary vibration and aging treatment, it is finished to ensure the strength, rigidity and stability of the beam.

## Terms & Conditions

### General Terms

- ❖ Customer is responsible for providing all electrical, air, and other utility connections to the machine
- ❖ Customer must attain an earth ground with a measured value < 1 volts to earth ground or less.
- ❖ Customer is to provide placement of machine components via fork lift or over-head crane.
- ❖ Customer is responsible for providing the **vacuum system and the vacuum blower**.

### Installation & Training

- ❖ Our Engineers will install the machine and train operators in customer's facility
- ❖ Our Engineers will Maintain the machine in the warranty period without extra fees

### Warranty

- ❖ According to our warranty conditions 12 months parts and labour and doesn't include Consumables.

***Hope that our offer will be up to your satisfactory***

***If you have any questions or requirements, please let me know at any time. It will be our big pleasure if we have opportunities to be on service of you in near future.***