



WATCH VIDEO



# KX1814-S2

Double Head CCD Laser Cutter

## INTRODUCTION

Laser cutting technology is ideal enough to smoothly and effectively cut many kinds of materials without causing it any harm overall.

The KX1814-S2 CCD Laser Cutter is the Co2 laser cutter combined with the smart CCD vision software and camera. It can detect features of small-sized printed or embroidered fabrics, leather, and other flexible materials and then position cut with high accuracy.

## Effective Working Area:

Vision: 1800MM\*1400MM

Machine Size: 2420\*2230\*1120MM

Under the non-vision cutting mode, the two heads of the KASU KX1814-S2 laser cutter can simultaneously cut the same shapes of patterns in plain fabrics. And when working under the vision mode, this model can also position cut graphics at a very high speed.

## APPLICATIONS



Dye Sublimated Applique



Embroidery Applique



Hot Stamping Sticker



Plush Toy Patches



Printing Leather



Screen Print Label



RFID Tag



Woven Label

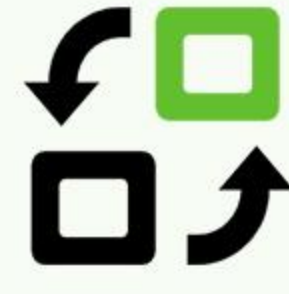
## ■ KEY FEATURES



Bigger Cutting Area,  
Same Cutting Precision



Doubled Cutting Efficiency,  
Higher Productivity



Both Vision and Non-Vision  
Working Modes



Stable and  
24 Hours Running



Super Simple  
to Operate

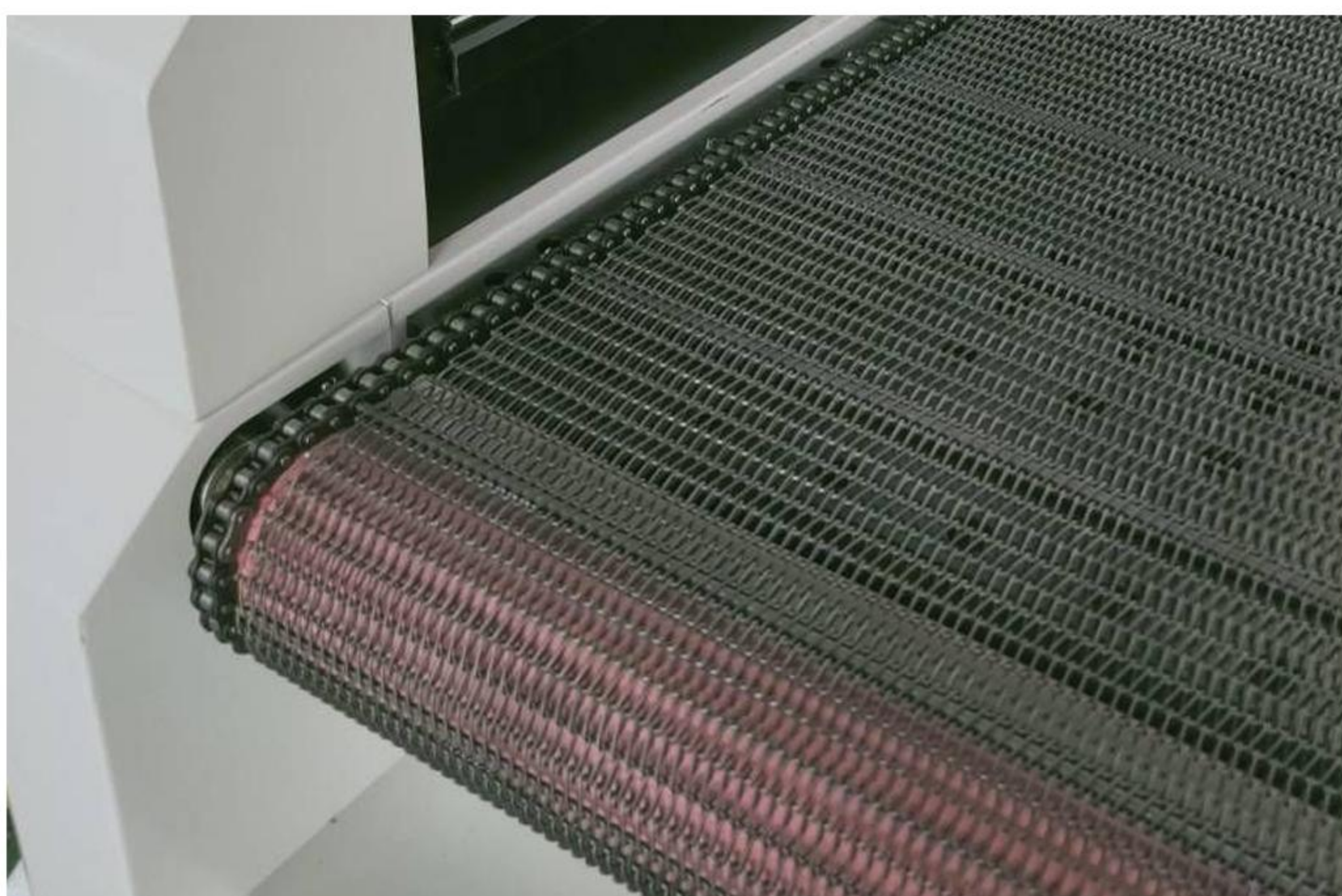
### ■ Smart CCD Vision and Control Software

With the help of the industrial CCD camera and the vision software, the KX1814-S2 camera laser cutter can automate the whole graphic detection and position-cutting process. KX1814-S2 can finish a very high precision cutting especially when cutting small-sized printed or embroidered patches under 15cm. Compared with the KD1814-S2 with a top Canon camera, KX1814-S2 is cheaper and a very good option for start-ups.

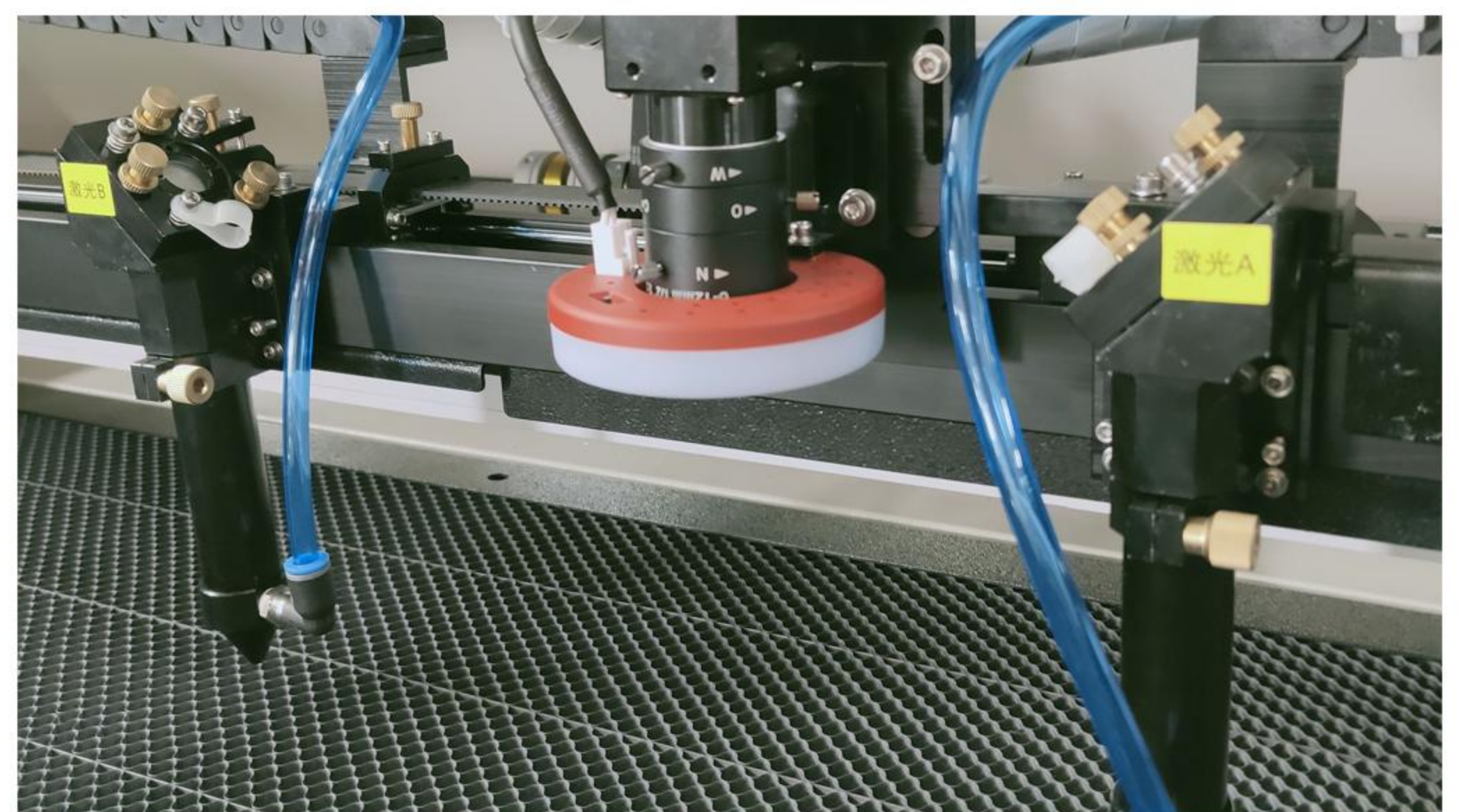


### ■ Auto Feeding Conveyor Table

KX1814-S2 is equipped with a chain conveyor belt, which can auto-feed the roll material right after the laser cutting process. With the optional active feeder, the operator only needs to take care of the cut pattern pick-up job.

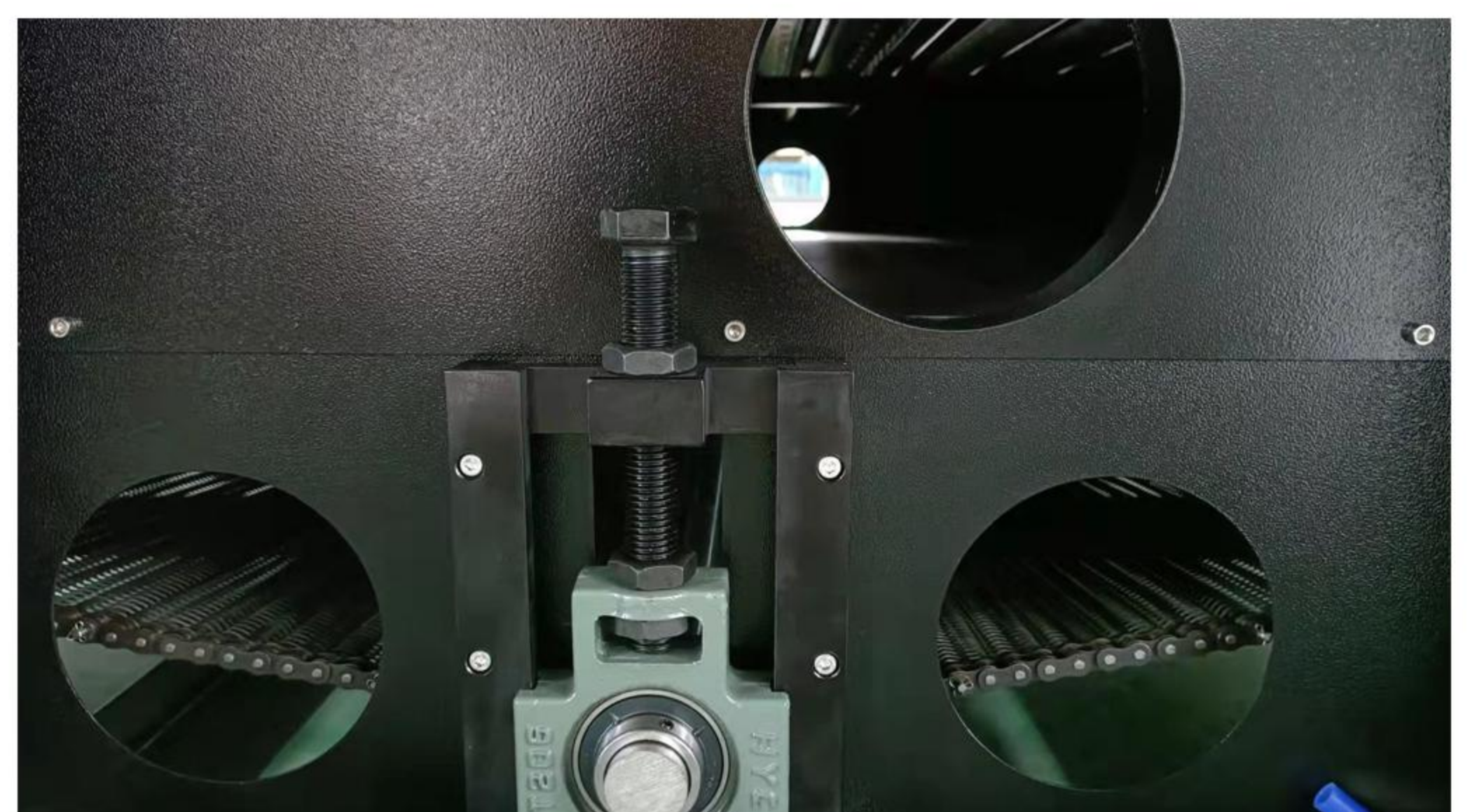


### ■ Dual Cutting Heads



KASU KX1814-S2 laser cutter is equipped with two cutting heads. Under the non-vision cutting mode, the two heads of the KASU KX1814-S2 laser cutter can simultaneously cut the same shapes of patterns in plain fabrics and double the production compared with single head laser cutter.

### ■ Three-Axis Structure Design

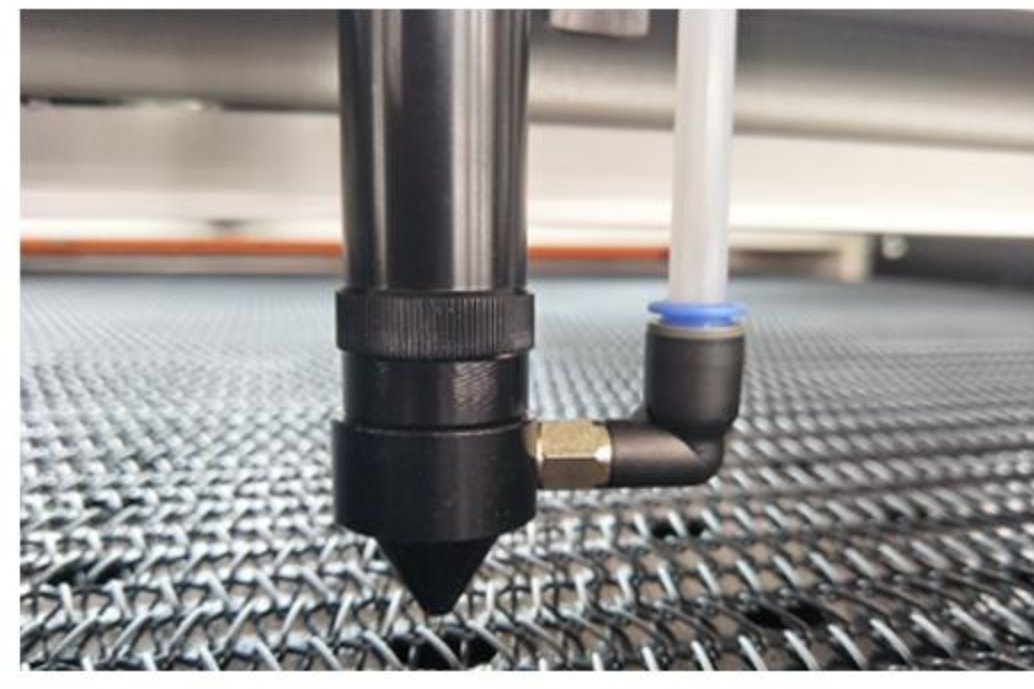


The triangle structure is more stable and more convenient to adjust the conveyor belt. Reasonable cavity design enhances the effect of fume exhausting. And it offers bigger room than two-axis structure and reduce the risk of potential fires. Also bigger room makes the dust exhausting job much easier for you.

## ■ TOP QUALITY SPARE PARTS



Control Card



Cutting Head



Glass Tube



Laser Power



AC Water Chiller



Exhausting Fan



Air Pump



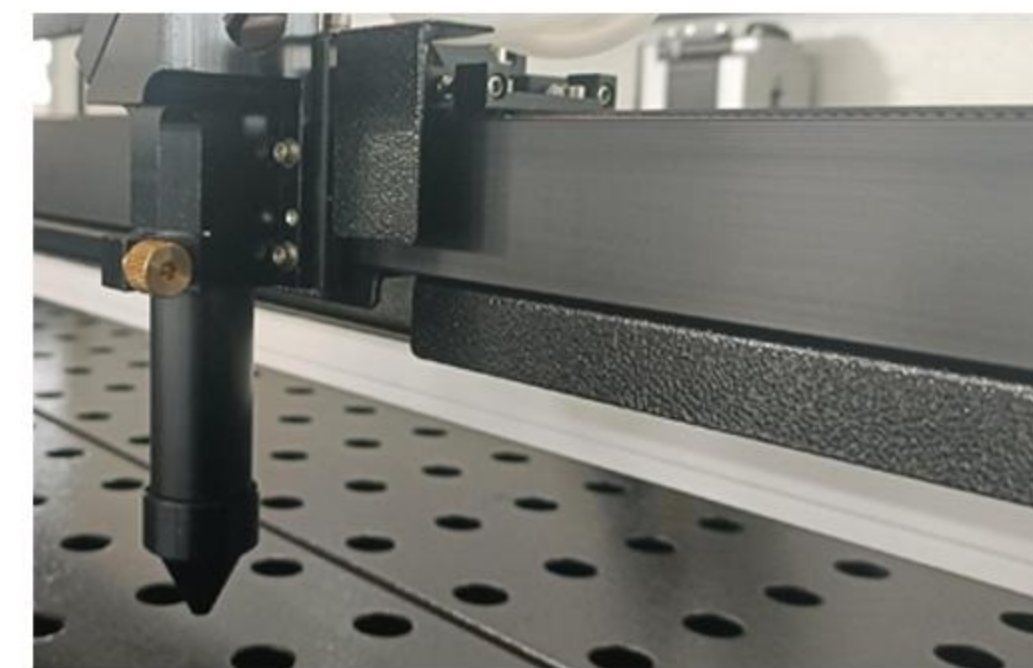
Lense



Stainless Steel Screw



Motion Module



Guide Rail

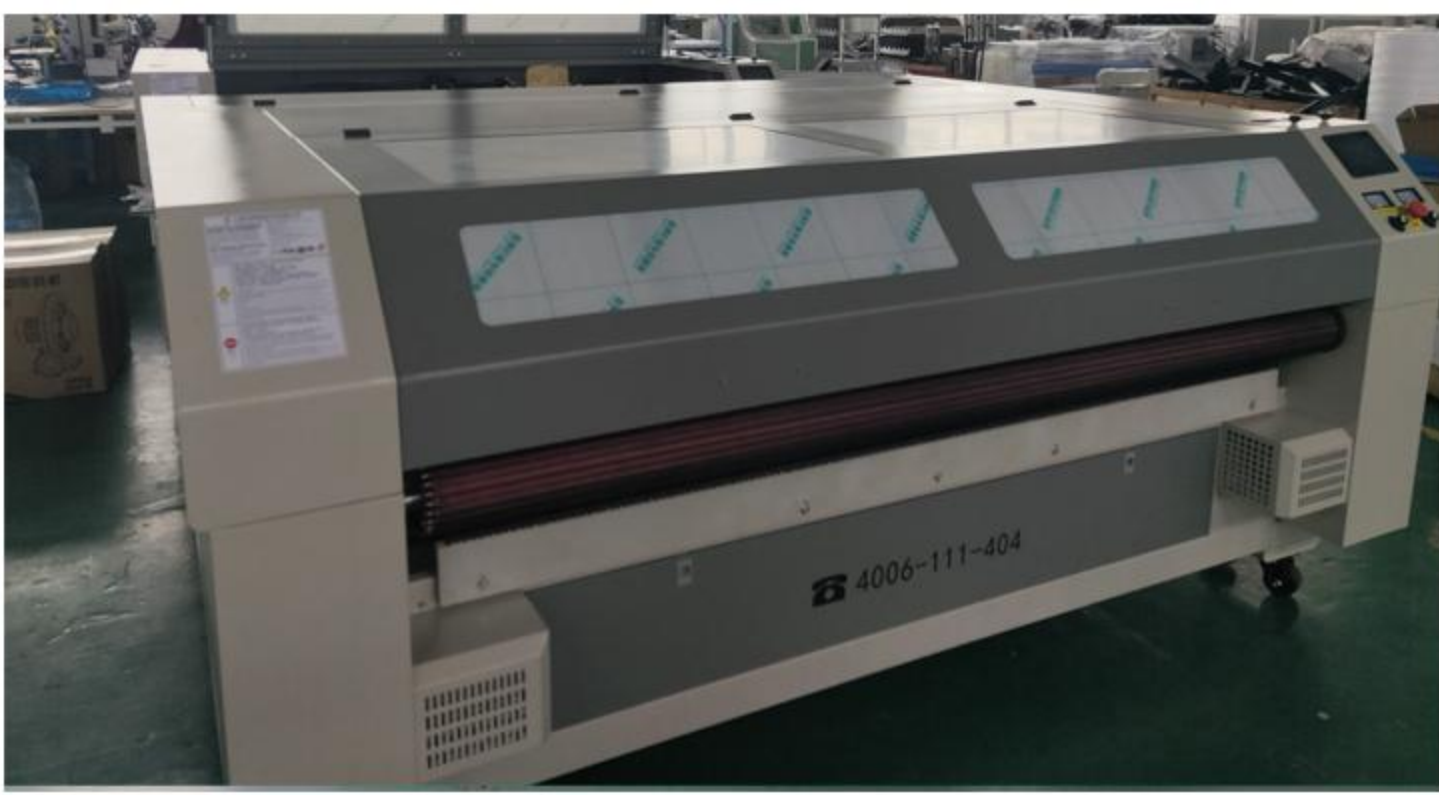


Spare Parts Tool Kit

To keep your laser cutter running for years, we provide you high quality spare parts verified by our QC process. And we offer replacing spare parts to our clients at COST PRICE just to ensure you have the best using experience and lowest maintenance cost.

## ■ SAFETY DESIGN

Following the safety standards, we try everything to make a reliable machine to protect both your operator and your laser machine.



All-Round Safe Cover



Alarm Lamp



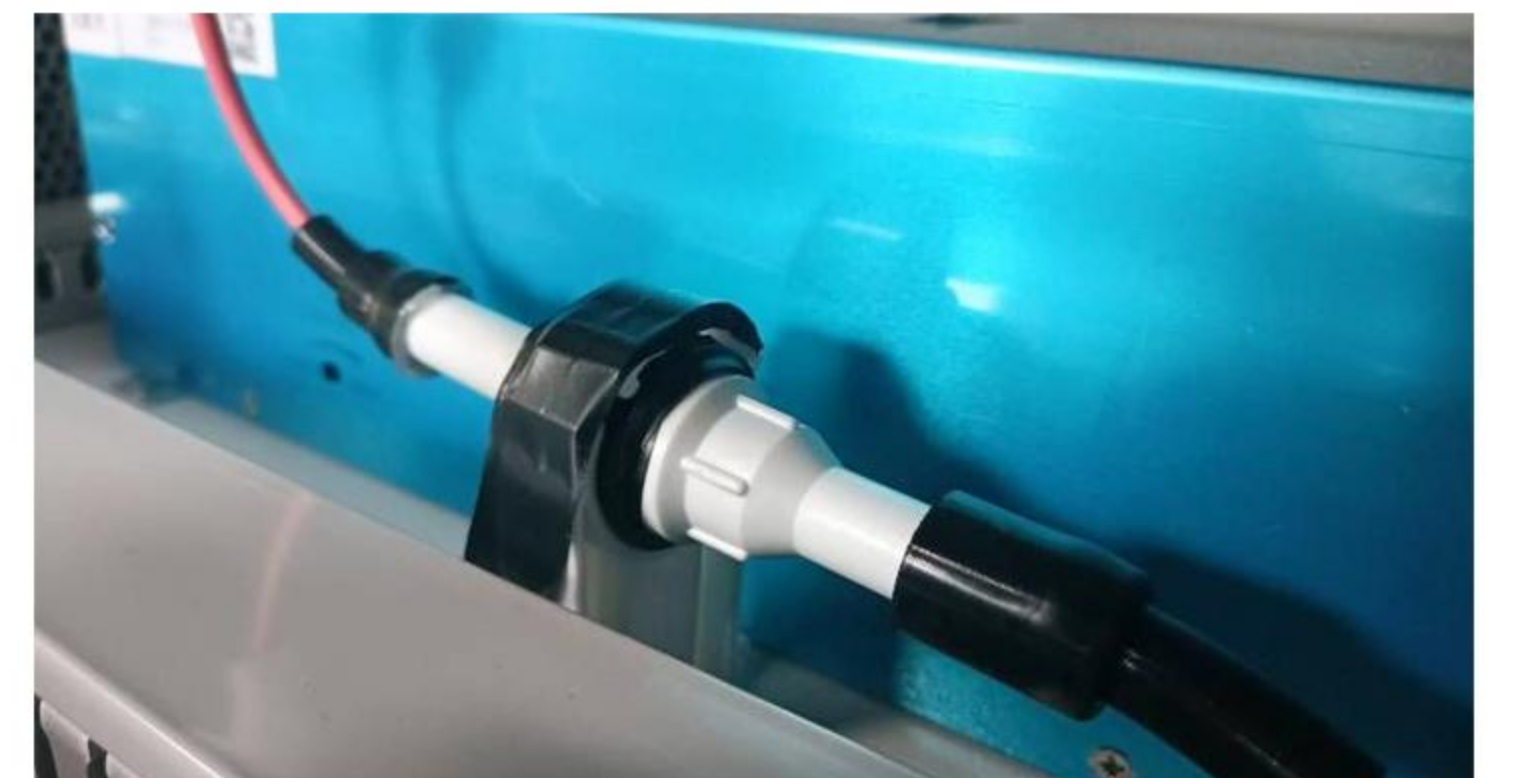
Emergency Button



Switch Built-in Design



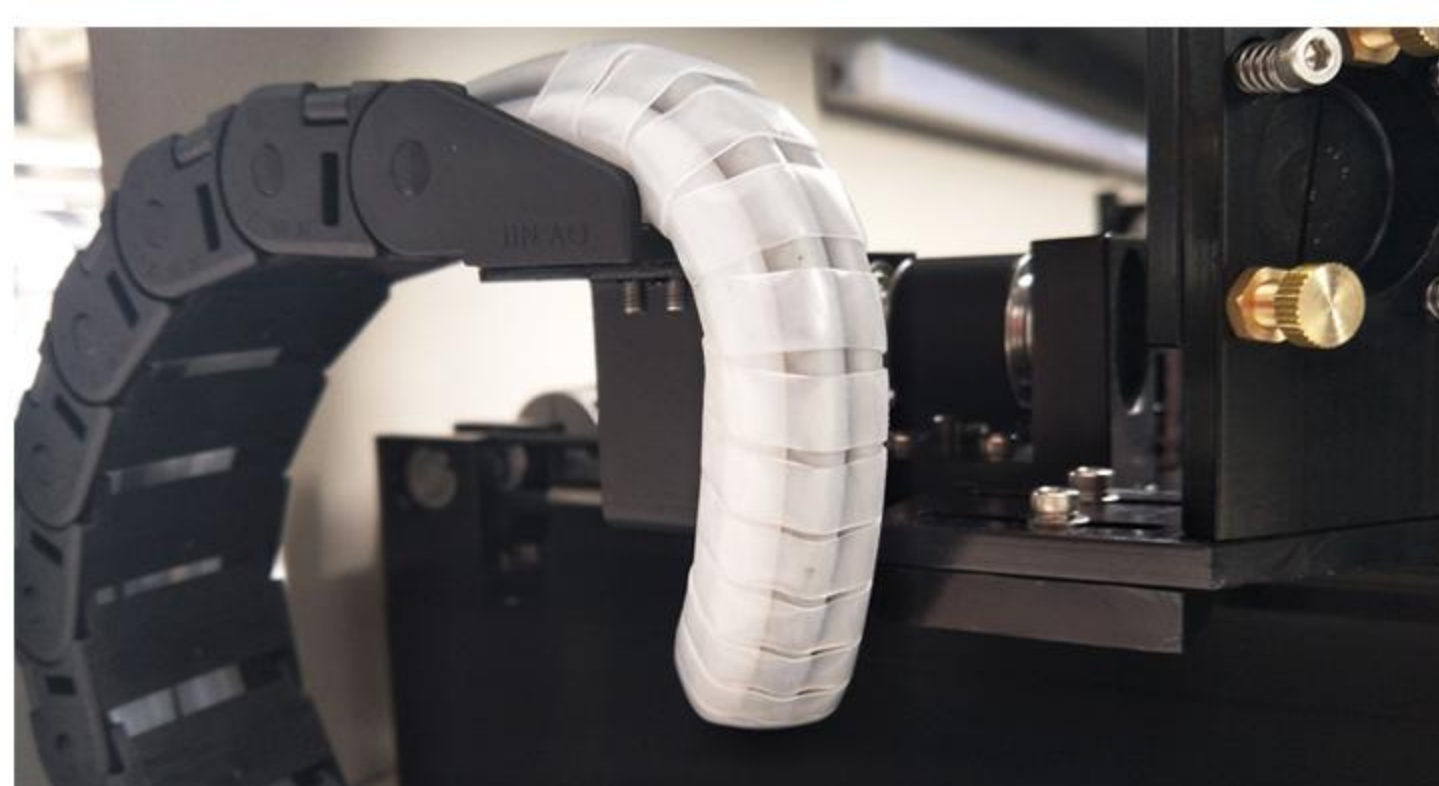
High-Voltage Wire Insulation



Insulation Support Frame



Notification Stickers



Wire Protection



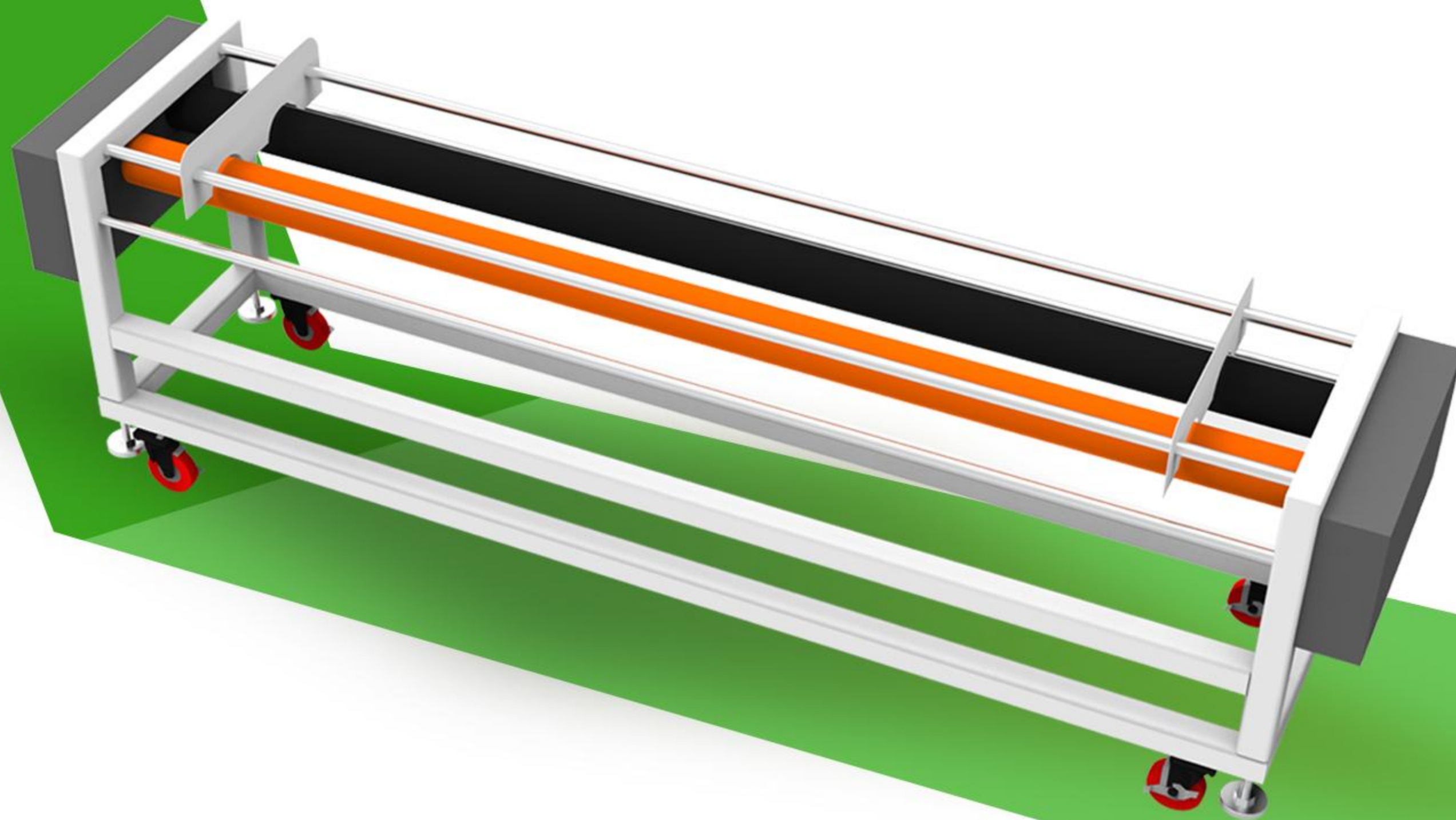
Connector Insulation



WATCH VIDEO

# AUTO ACTIVE FEEDER

Machine Size: 2210mm\*530mm\*920mm



## INTRODUCTION

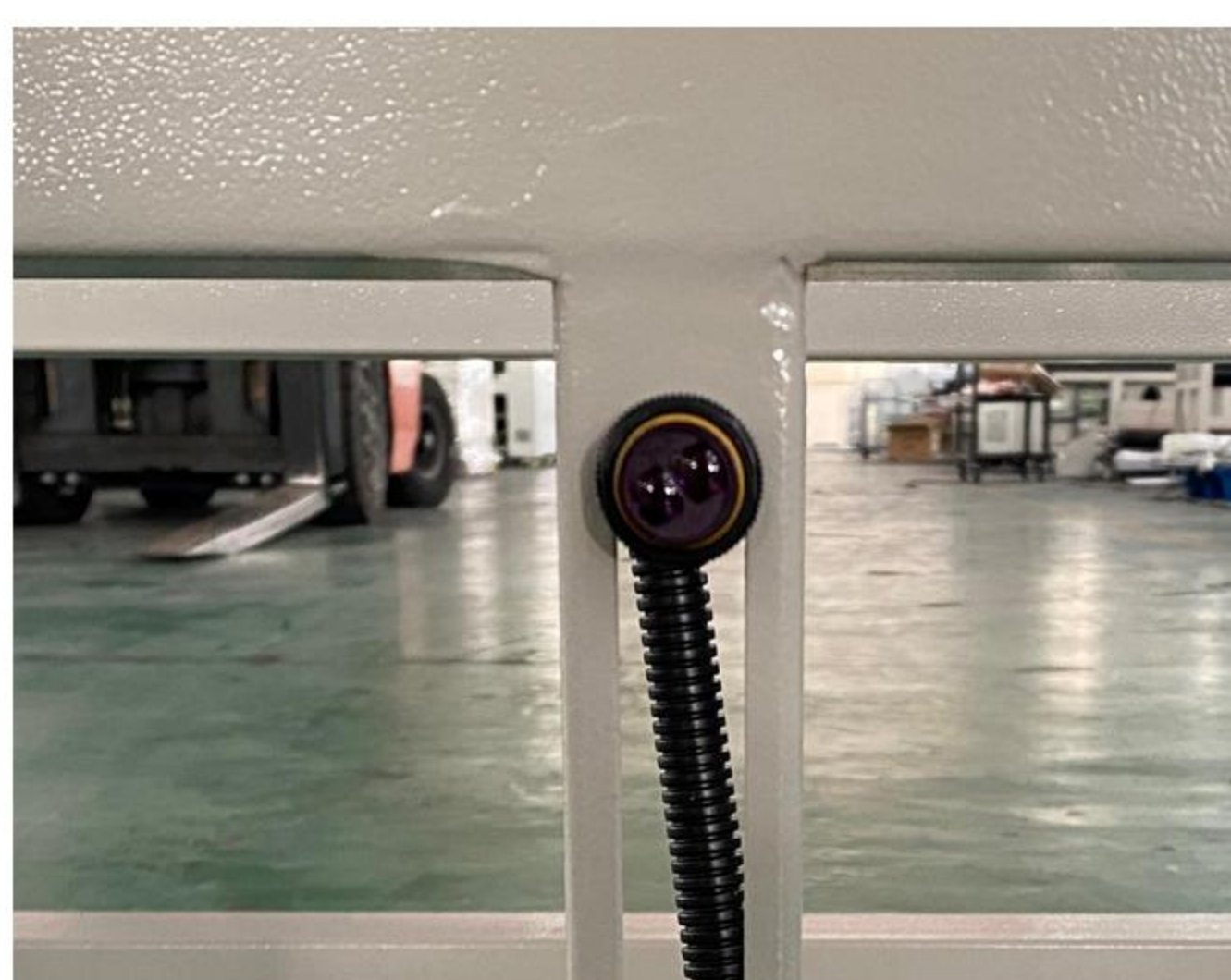
KASU's automatic active feeder is specially designed for auto-feeding roll-to-roll fabric or other soft materials. Reasonable structural design can be adapt to a variety of fabrics.

It is equipped with high sensitivity sensor switch to sense the presence or absence of the materials and then decide to start feeding or stop. It has an independent control system and can be connected to any brand of the laser machine. Branded motion system and other quality electric spare parts can ensure 24 hours stable running.

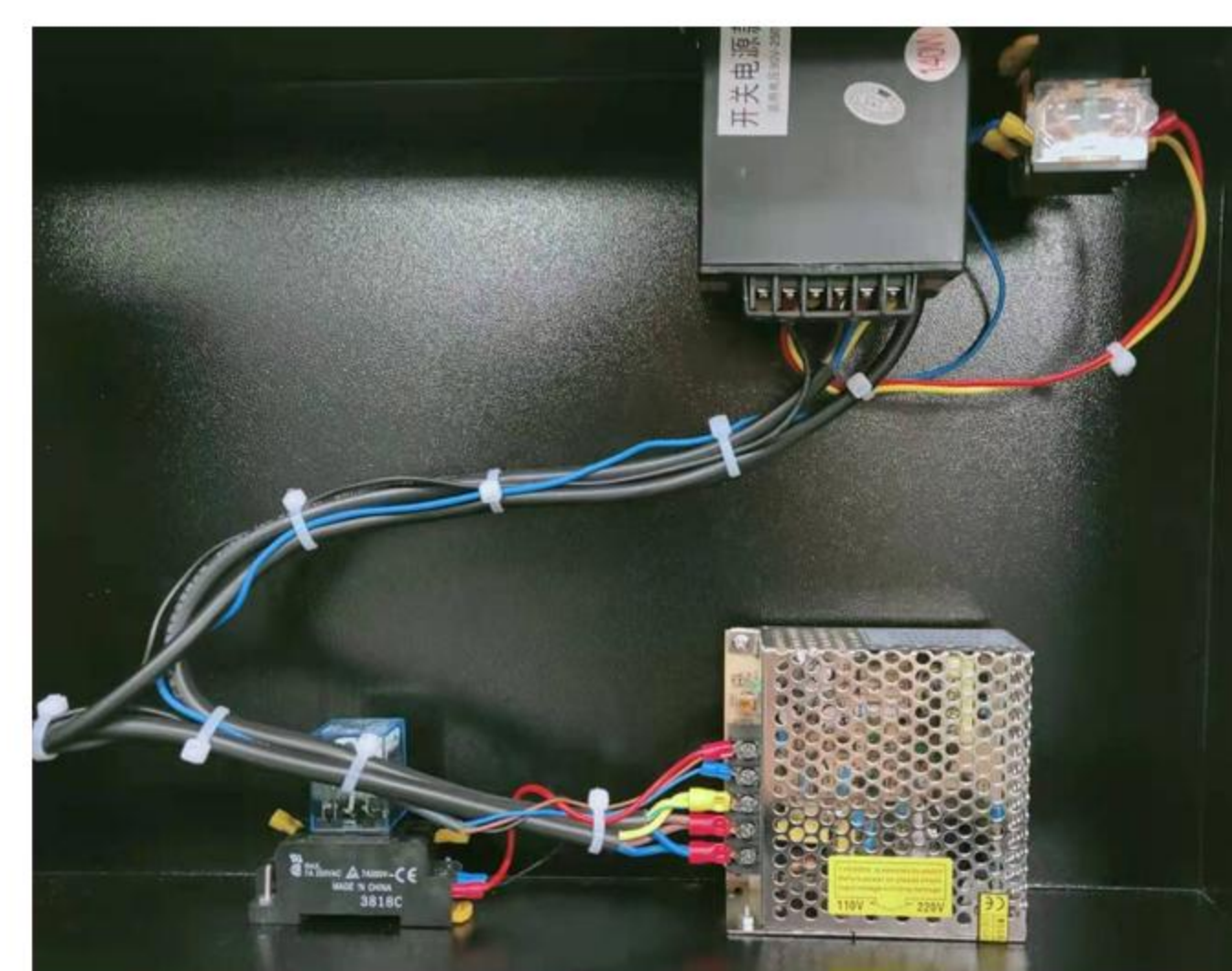
## KEY FEATURES



High Temperature Hardened Steel Frame Structure



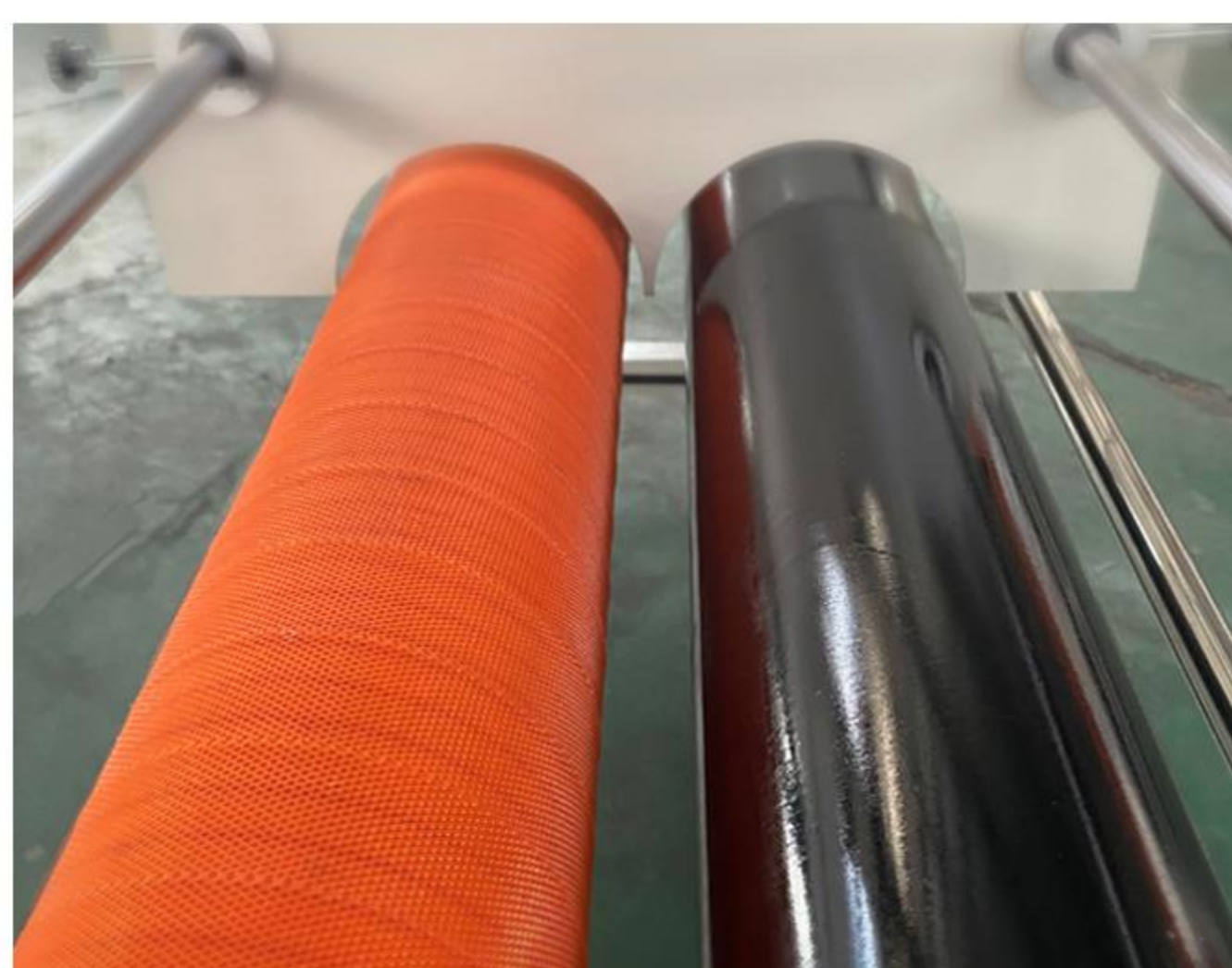
High Sensitivity Sensor Switch



Independent Control Board



Width Adjustable Fabric Stopper



Well Designed Fabric Roller With Friction

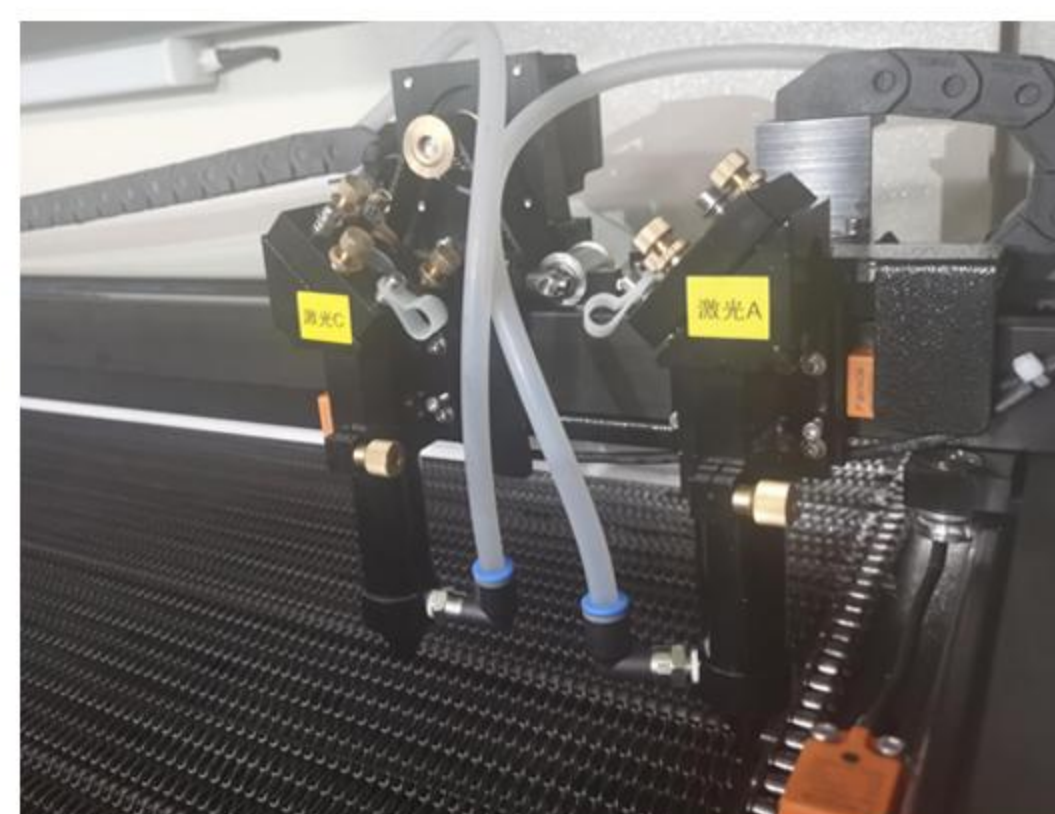


Strong Universal Wheels & Machine Feet

## OPTIONAL DEVICES



Top Canon Camera



Non Camera



Active Feeder



Extended Pick-up Table

## MACHINE PARAMETERS

Working Area	1800MM*1400MM	Software	KASU
Laser Type	Glass CO2 Laser Tube	Working Speed	<1000 MM/S
Laser Power	80/100/130/150W	Power Supply Requirements	AC220V±5% 50Hz/60Hz 1Phase
Heads of Laser	Double Heads	Format Supported	AI\BMP\PLT\DXF\DST
Dimensions with Wood Package	2.28*2.5*1.32M/1.68*0.46*0.73M	Positioning Accuracy	±0.1MM
Gross Weight	1050KG	Operating Temperature	minus 10°C~45°C
Motion System	Hybrid Step-Servo Motor	Operating Humidity	5-95%
Cooling System	5200 Industrial Water Chiller	Total Power	<1.5KW (Excluding exhauster)

## SUCCESSFUL STORIES



## CONTACT US



WECHAT



WHATSAPP

Contact us now and get a live demo of how our digital cutting solutions help increase your cutting workshop productivity and efficiency.

✉ Email: [kasu@kasulaser.com](mailto:kasu@kasulaser.com)  
 🌐 [www.kasulaser.com](http://www.kasulaser.com) / [www.kasucutter.com](http://www.kasucutter.com)  
 🏢 Shanghai KASU Intelligent Technology Co., Ltd.

🏠 Suzhou KASU Intelligent Equipment Co., Ltd.  
 📍 Factory: No. 20, Jiangnan Road, Taicang, Suzhou, Jiangsu, China