



WATCH VIDEO



KD1814-S1-C

Vision Laser Cutting Machine With Safe Cover

INTRODUCTION

Co2 laser cutting technology is ideal enough to smoothly and effectively cut many kinds of textiles without causing any harm overall.

KASU Laser's single-head vision laser cutting machine with a top Canon camera can cut printed or embroidered textiles with super high precision and production.

The KD1814-S1-C Vision Laser Cutting Machine With Safe Cover is the laser cutting machine combined with the advanced top vision software system of the KASU laser.

Effective Working Area:

Vision: 1800*1400MM

Non Vision: 1800*1400MM

It can automatically recognize the contour of the printed or embroidered fabrics, leather, and other flexible materials and then cut with super high accuracy and efficiency.

And the all-around safety cover model is specially designed to meet the government requirements for plant safety.

APPLICATIONS



Sportswear



Printing Leather



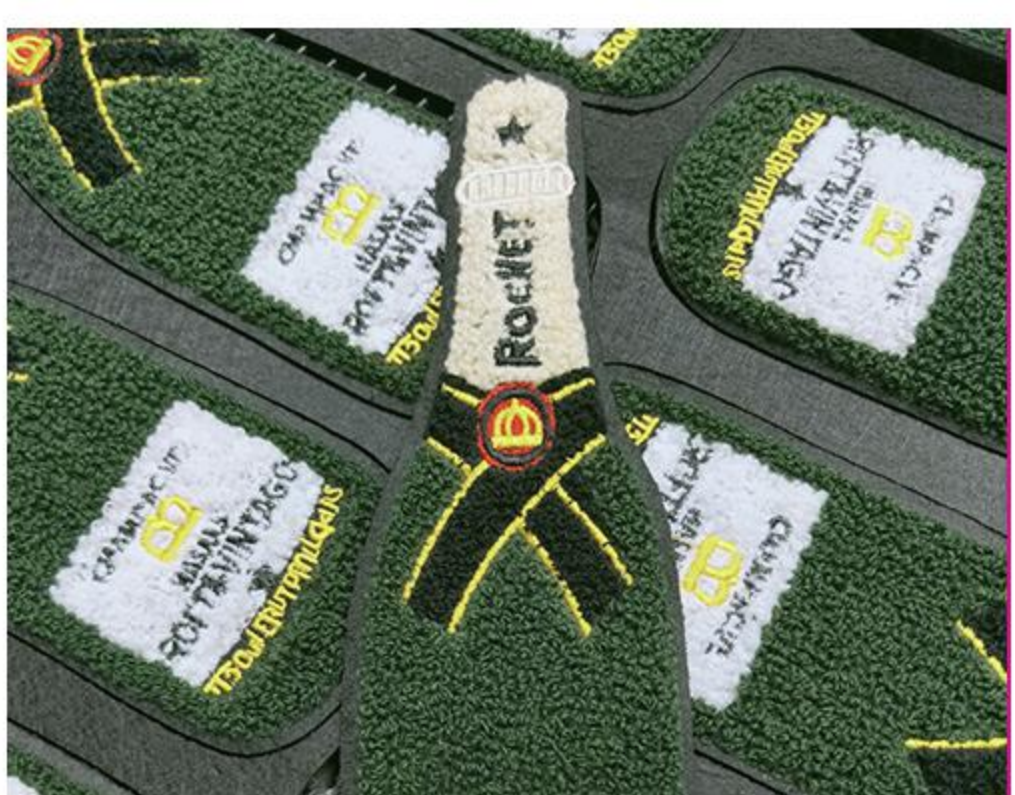
Clothing



Banner



Toy



Applique



Embroidery

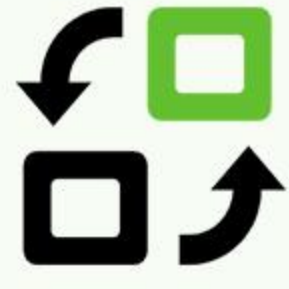


Lace

■ KEY FEATURES



All-Round Safe Cover Meet Compliance Requirements



Both Vision and Non-Vision Working Modes



Stable and 24 Hours Running



Super Simple to Operate

■ Self-Owned Large Vision Software System

KASU owns the full property of the large vision software system. Together with the Canon EOS Camera with 2,400 Mega Pixels, the KD1814-S1-C camera laser cutter's vision software automates the whole graphic detection and position cutting process.

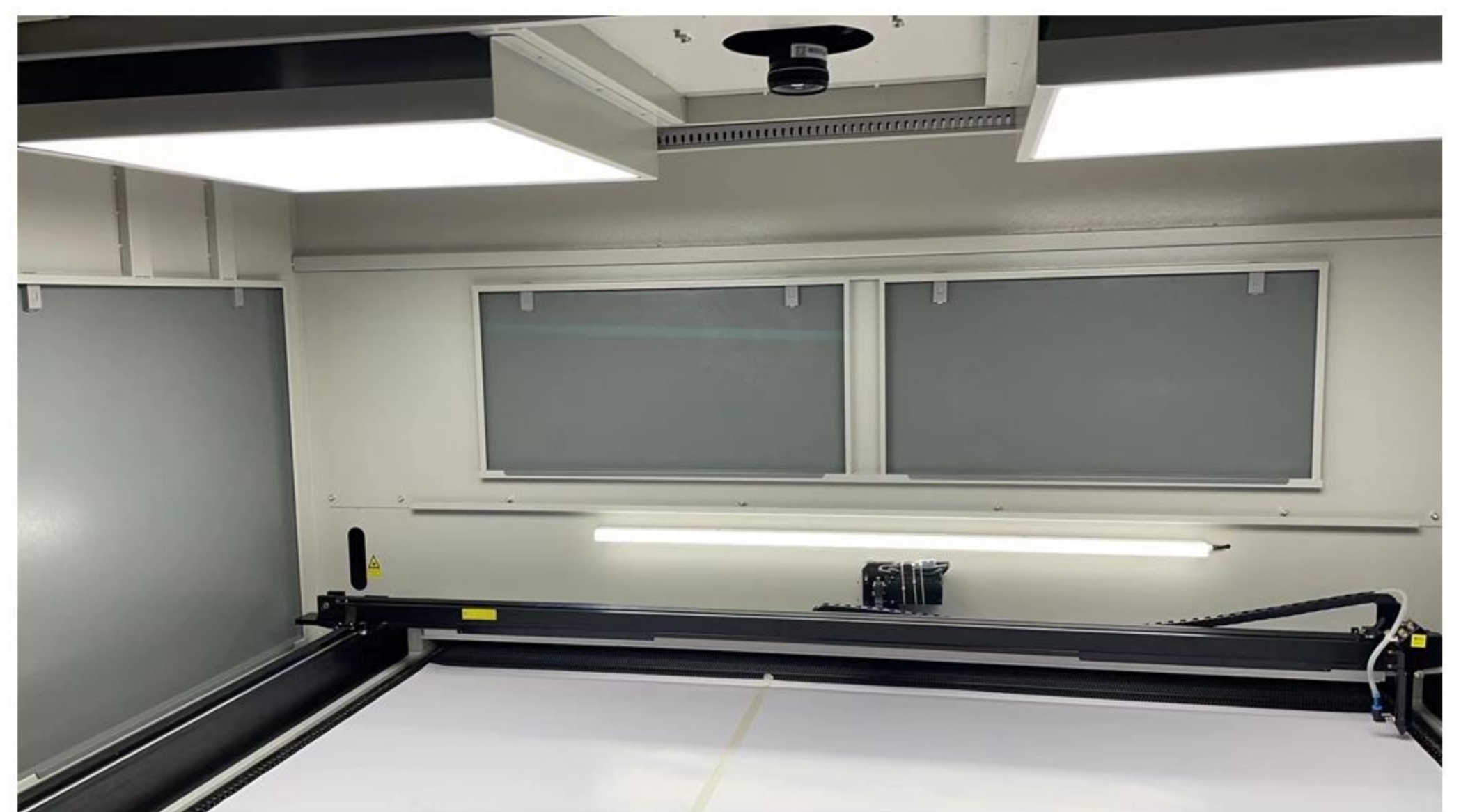


■ Auto Feeding Conveyor Table

KD1814-S1-C 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.

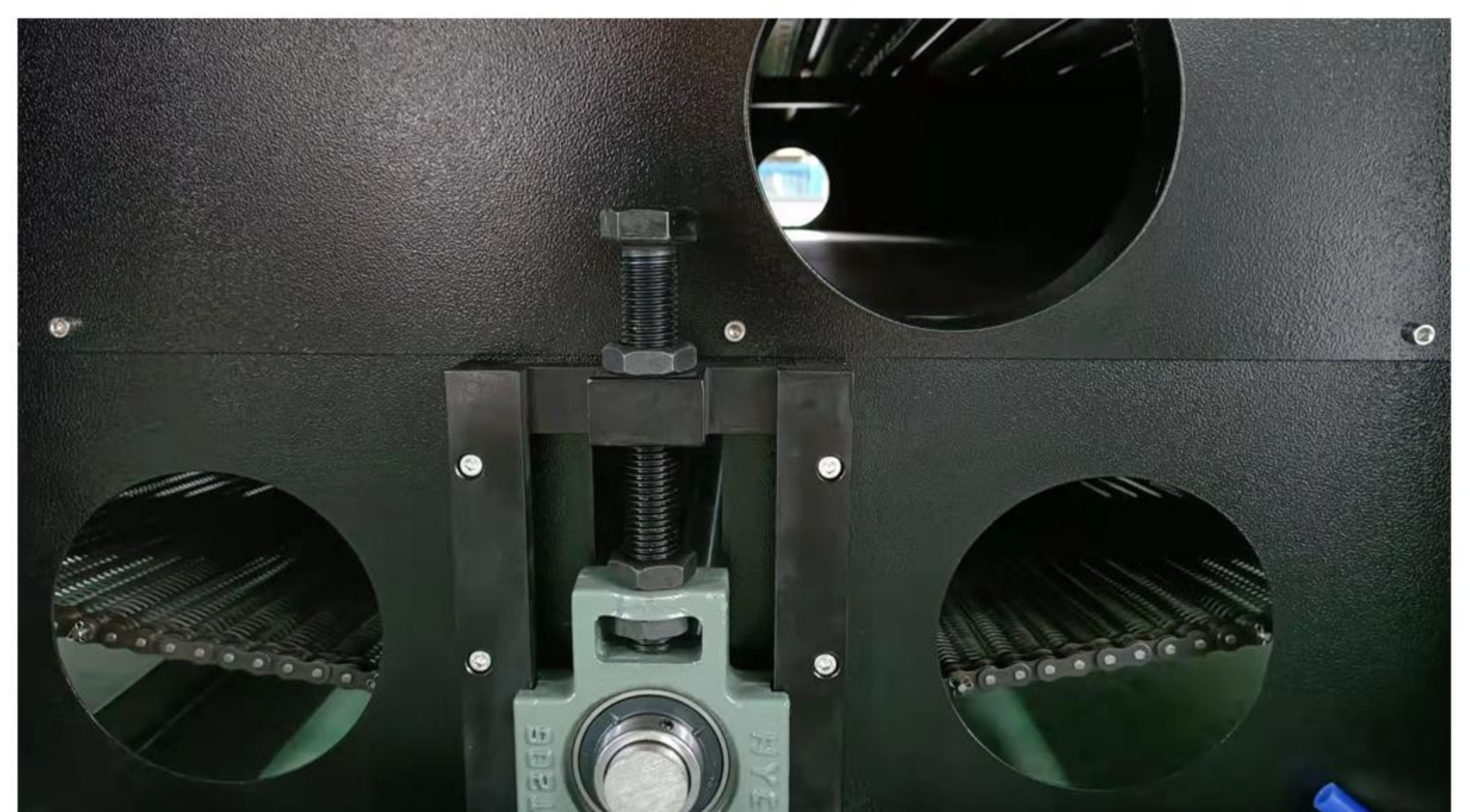


■ All-Round Safe Cover



We designed this specialized model based on some clients' government compliance requirements. The all-round safe cover can enclose the whole cutting range. The laser cutter will stop the laser cutting head immediately if the cover is opened.

■ Three-Axis Structure Design

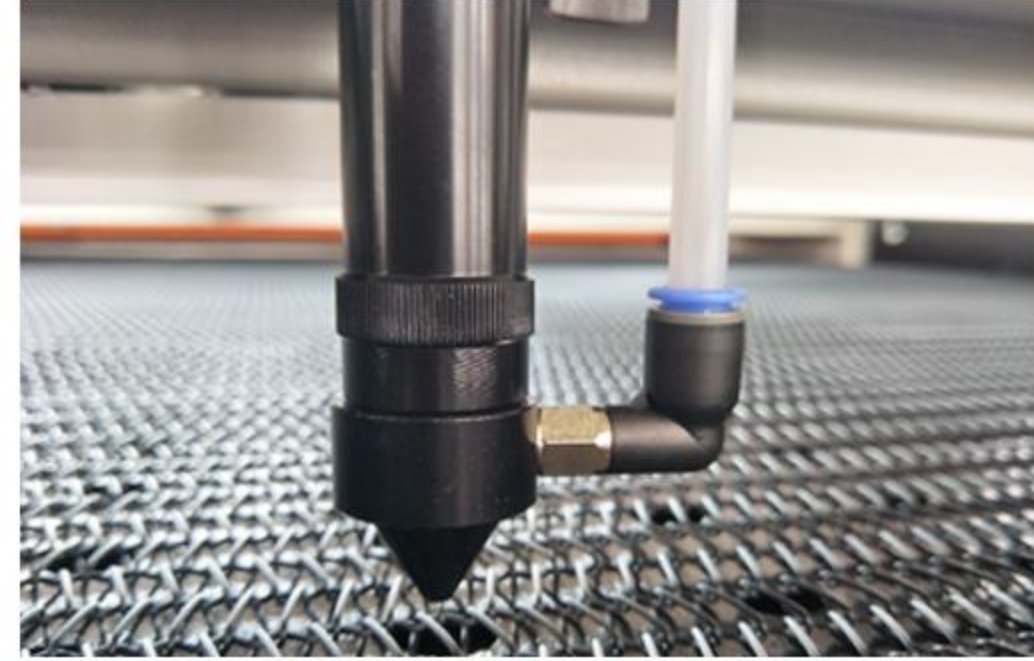


The triangle structure is more stable and more convenient to adjust the conveyor belt. Reasonable cavity design enhances the effect of fume exhausting. And it offers bigger room than two-axis structure and reduce the risk of potential fires. Also bigger room makes the dust exhausting job much easier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

■ TOP QUALITY SPARE PARTS



Control Card



Cutting Head



Glass Tube



Laser Power



AC Water Chiller



Exhausting Fan



Air Pump



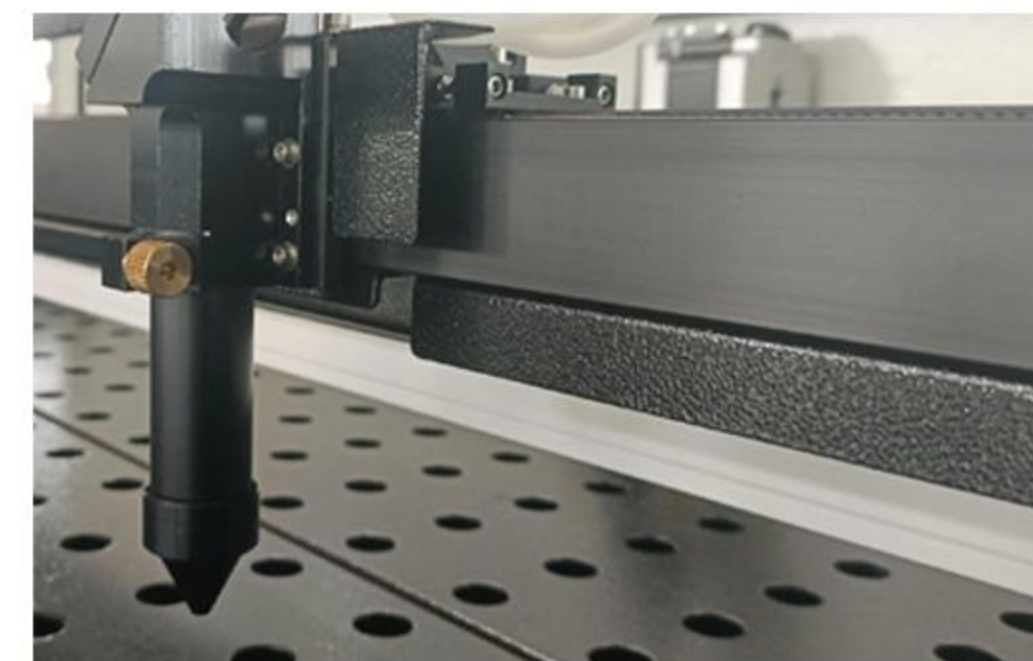
Lense



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



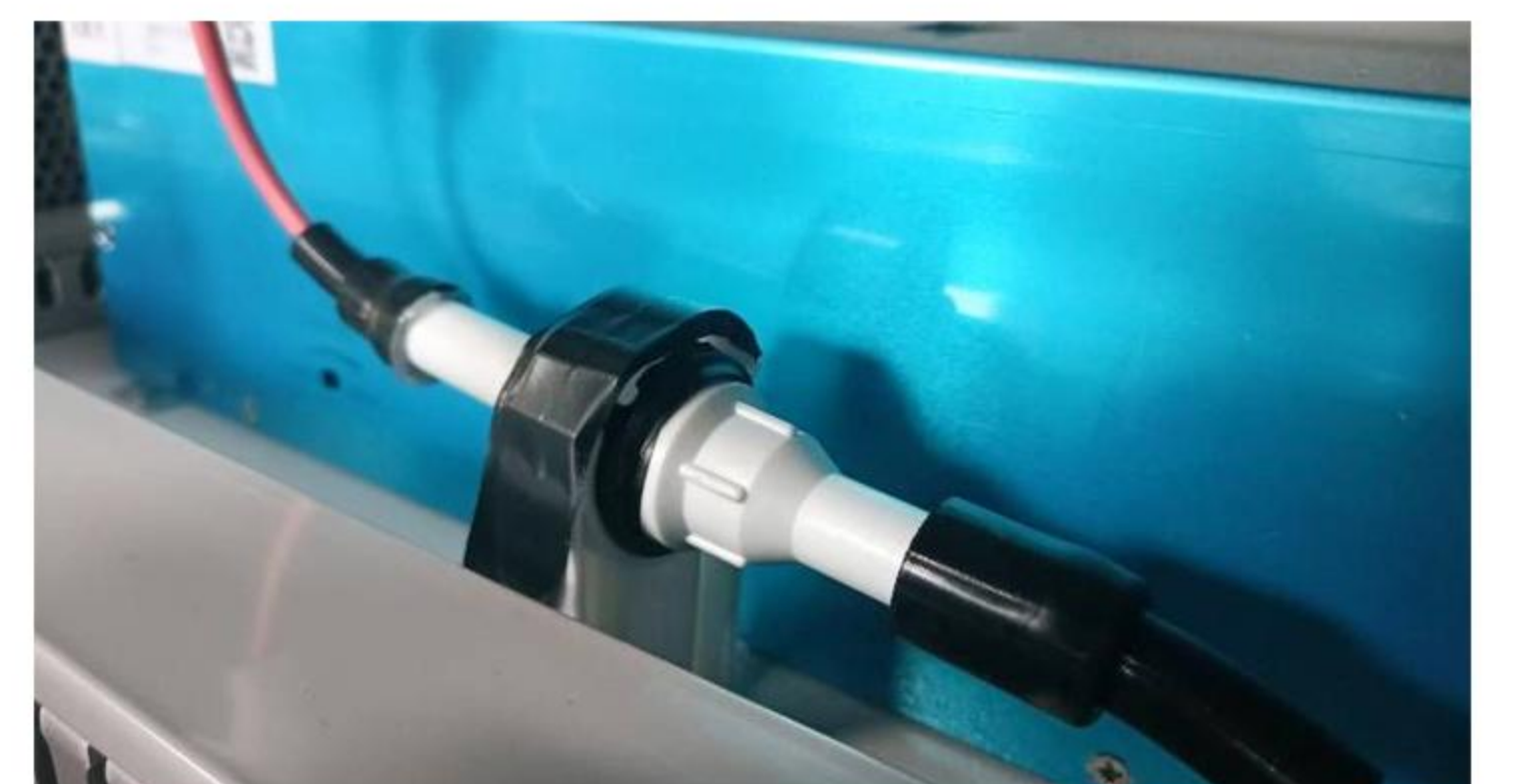
Emergency Button



Switch Built-in Design



High-Voltage Wire Insulation



Insulation Support Frame



Notification Stickers



Wire Protection



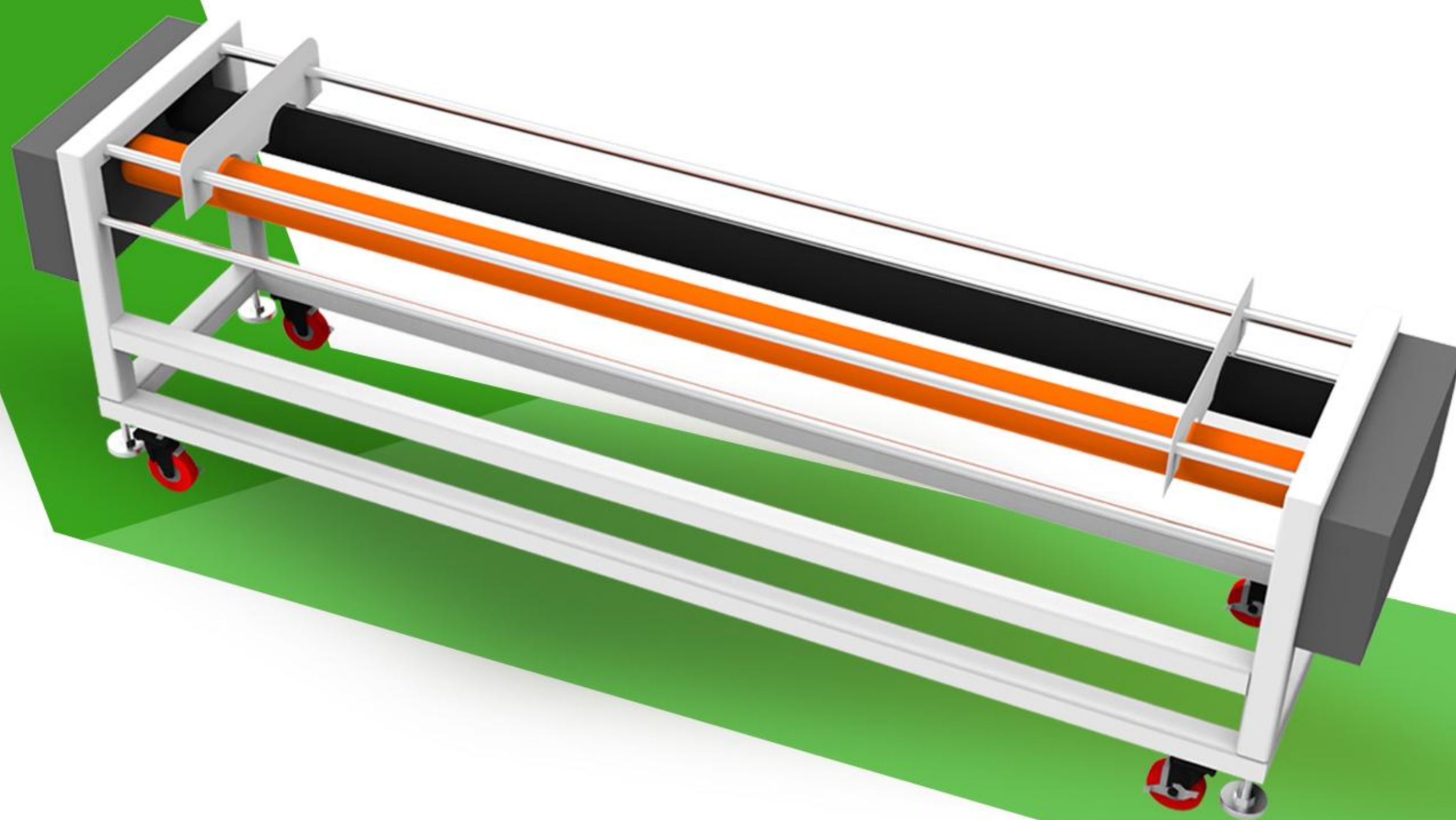
Connector Insulation



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AUTO ACTIVE FEEDER

Machine Size: 2210mm*530mm*920mm



INTRODUCTION

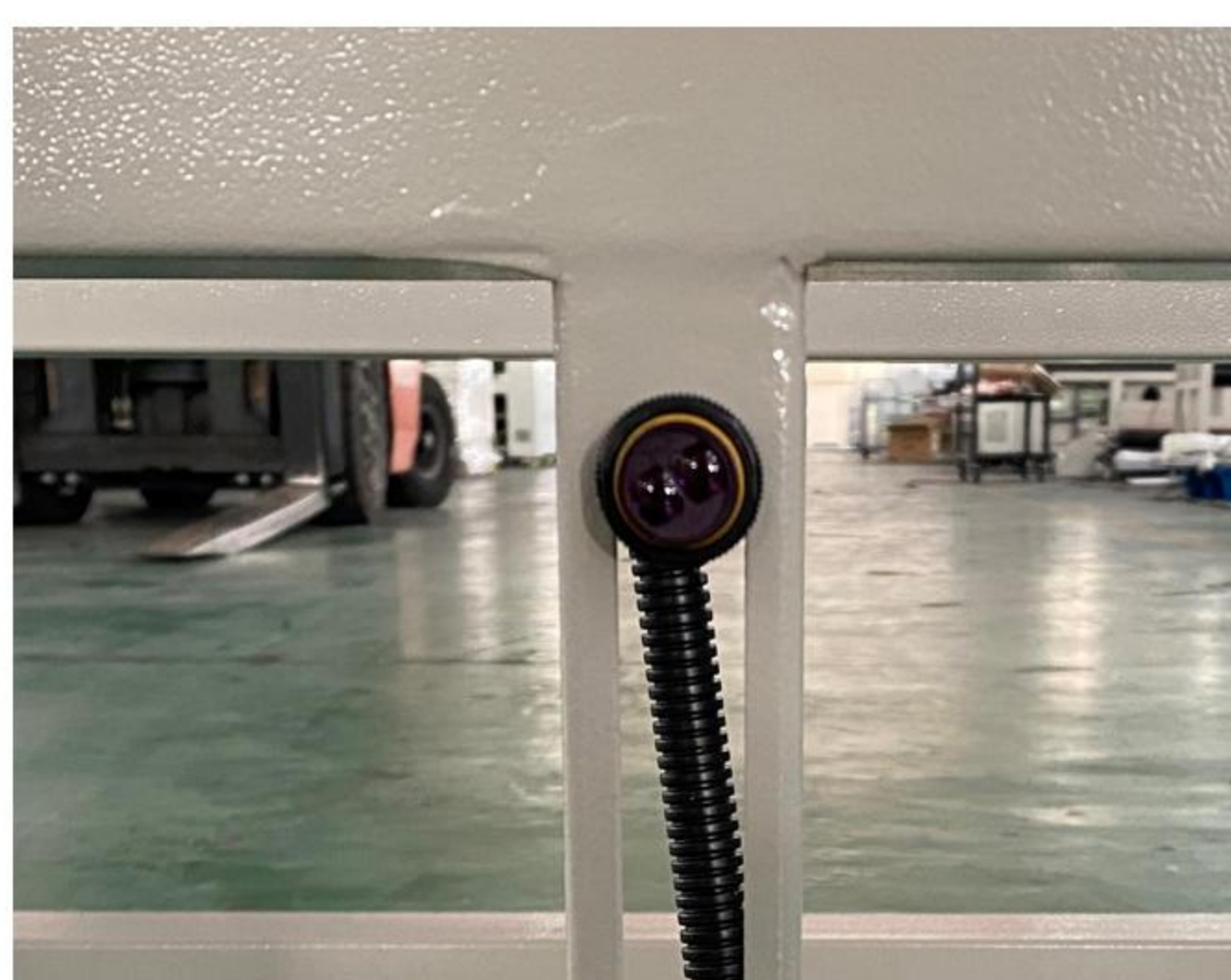
KASU's automatic active feeder is specially designed for auto-feeding roll-to-roll fabric or other soft materials. Reasonable structural design can be adapt to a variety of fabrics.

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.

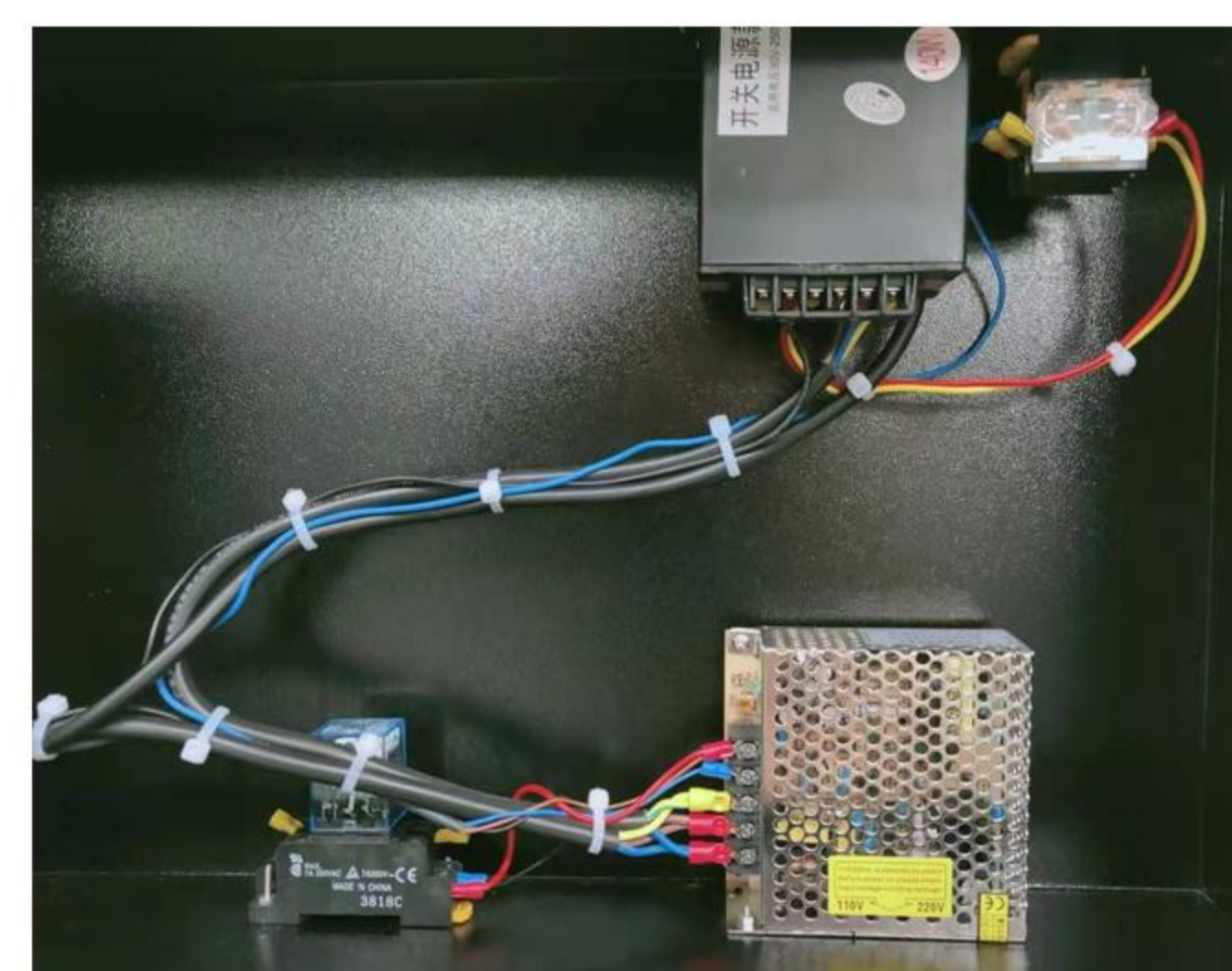
KEY FEATURES



High Temperature Hardened Steel Frame Structure



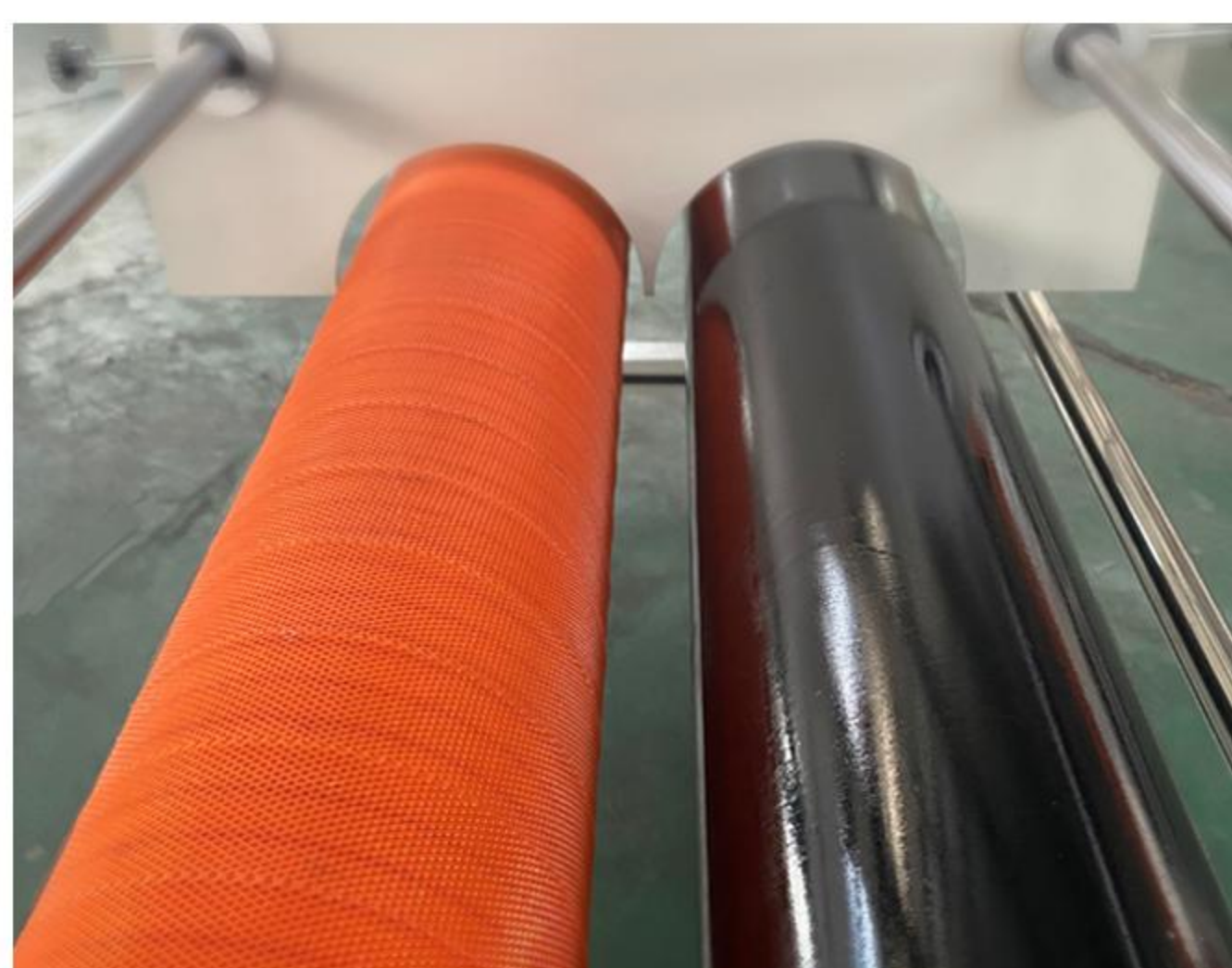
High Sensitivity Sensor Switch



Independent Control Board



Width Adjustable Fabric Stopper



Well Designed Fabric Roller With Friction

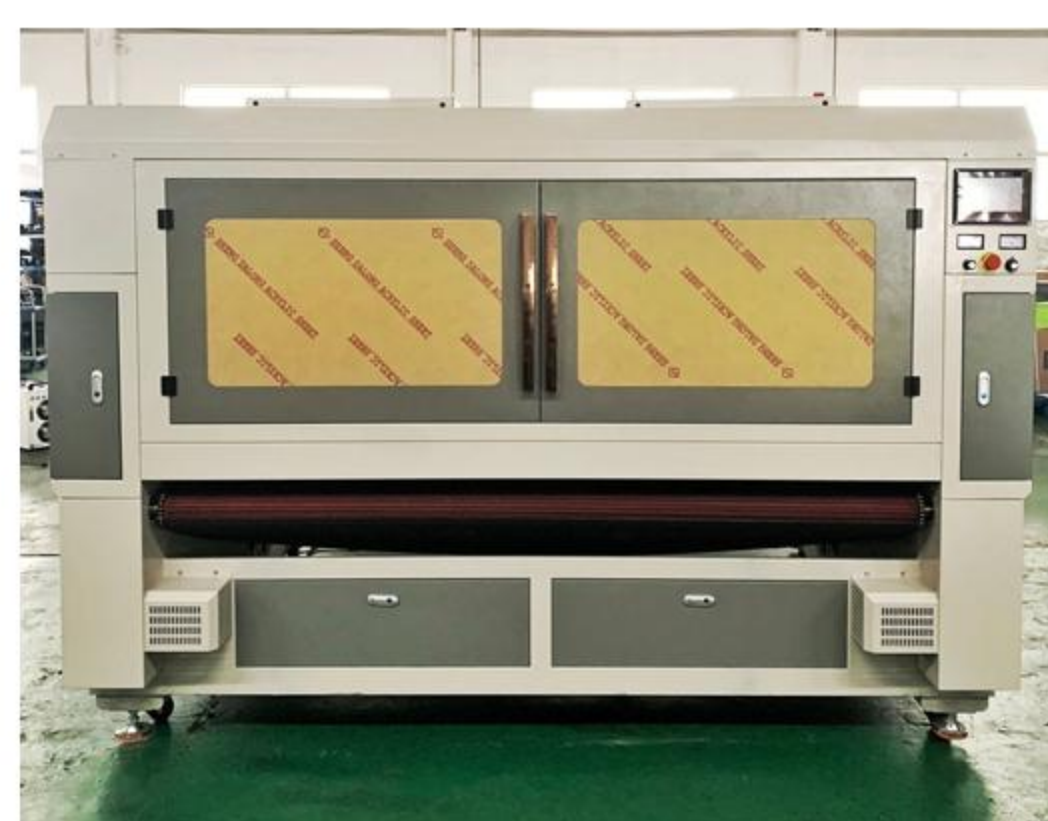


Strong Universal Wheels & Machine Feet

■ 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 | Single Head | Format Supported | AI\BMP\PLT\DXF\DST |
| Dimensions with Wood Package | 2.28*2.5*2.14M / 2.24*1.55*1.16M | Positioning Accuracy | ±0.1MM |
| Gross Weight | 1400KG | Operating Temperature | minus 10°C~45°C |
| Motion System | Hybrid Step-Servo Motor | Operating Humidity | 5-95% |
| Cooling System | 5000 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.

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