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### **Introduction of N95 mask production line:**

**It is used for full-automatic folding mask production line (typical models such as N95 masks). The equipment rolls the whole material, and the multi-layer non-woven fabric roll is compound roll welded. The earband is automatically unrolled, cut to length, and then welded, and then the body is folded in half. After ultrasonic welding and fusion, the final mask is rolled and formed. The produced masks are comfortable to wear, non-pressive, and have a good filtering effect, which fits the face shape of people and can be used in medical, electronics, mining, construction and other industries. This machine adopts PLC, touch screen control, and the main conveyor belt adopts one-way motor transmission with precise transmission, stable control and adjustable speed.**

### **Product features:**

- 1. The whole equipment is fully automated**
- 2. High stability, low failure rate, beautiful appearance without rust**
- 3. Computer PLC programming control, servo drive, high degree of automation**
- 4. Automatic tension control of raw materials to ensure balanced raw material tension**
- 5, photoelectric detection of raw materials to avoid errors and reduce waste**

### **Technical parameters:**

- 1. Equipment size: L10500MM \* W1500MM \* H2200MM**
- 2. Appearance color: gray, according to this standard without special instructions**
- 3. Equipment weight: ≤5000kg, ground load ≤500KG / m<sup>2</sup>**
- 4, working power: equipment 380VAC ± 5 %, 50HZ, rated power about 15KW**
- 5, compressed air: 0.6 ~ 0.8 MPa, using flow rate of about 200L / min**
- 6, use environment: temperature 10 ~ 35 °C, humidity 5-35% HR, no flammable, corrosive gas, No dust (cleanliness no less than 100,000)**
- 7, 30-35 tablets / minute**

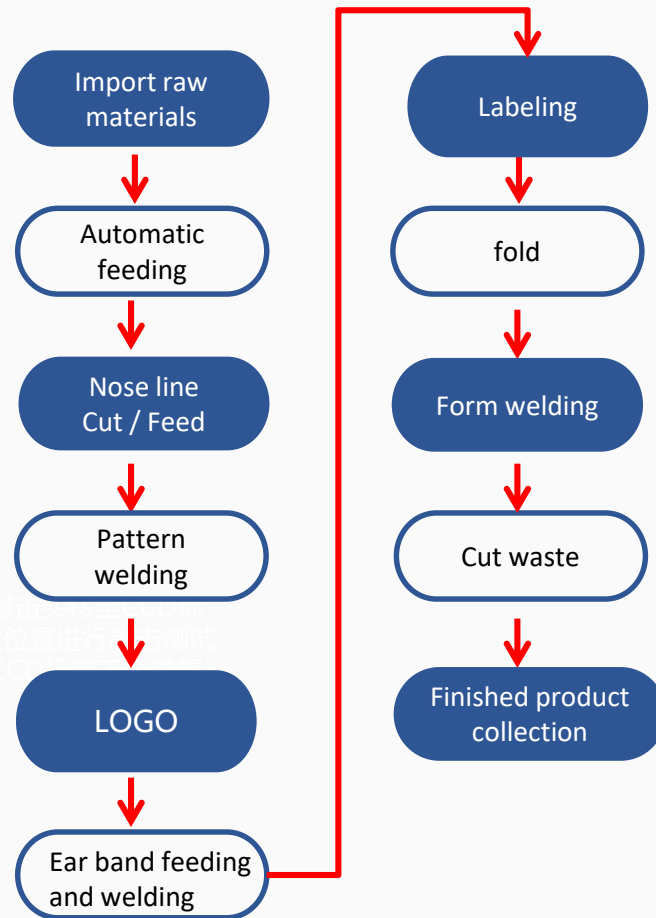


### **This machine's function introduction:**

**This machine adopts advanced high-tech and professional engineers to develop it together. It is a mask equipment with high production speed, high stability and complete configuration. Only the production raw materials are installed on the feeding rack. After the modulation is OK, the machine will automatically produce. Only one person needs to operate the packaging. Fully automated production is achieved. The equipment adopts ultrasonic welding, which is beautiful in appearance, hygienic and environmentally friendly. The output is 30-35 pieces / minute. According to customer requirements, some molds can be replaced to achieve a variety of mask sheets. This machine can produce a variety of non-woven masks, smooth cloth masks, gauze masks, activated carbon masks, double nose lines Masks and more. Can produce 3 to 6 layers of non-woven mask sheets, we can design according to your needs. Our products are beautiful in appearance, stable in performance, low in failure rate, small in size, small in area, and adopt aluminum alloy structure, which is beautiful and solid without rust.**

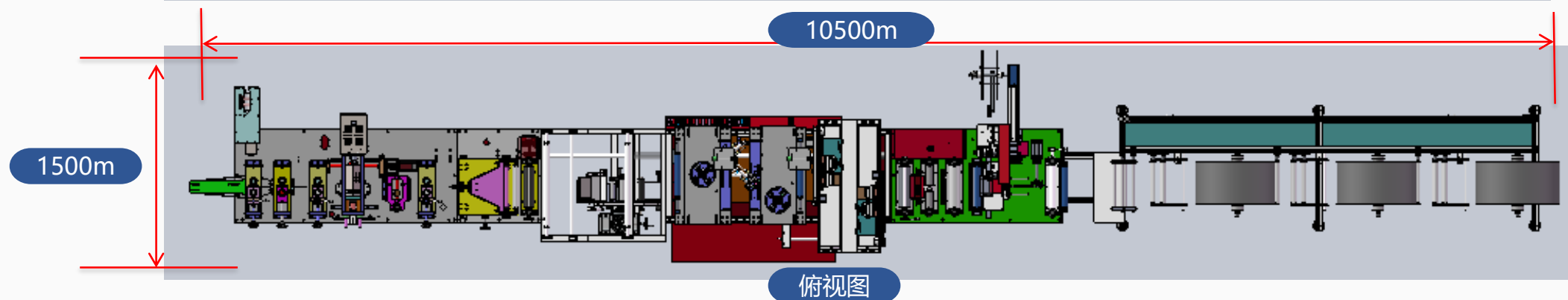
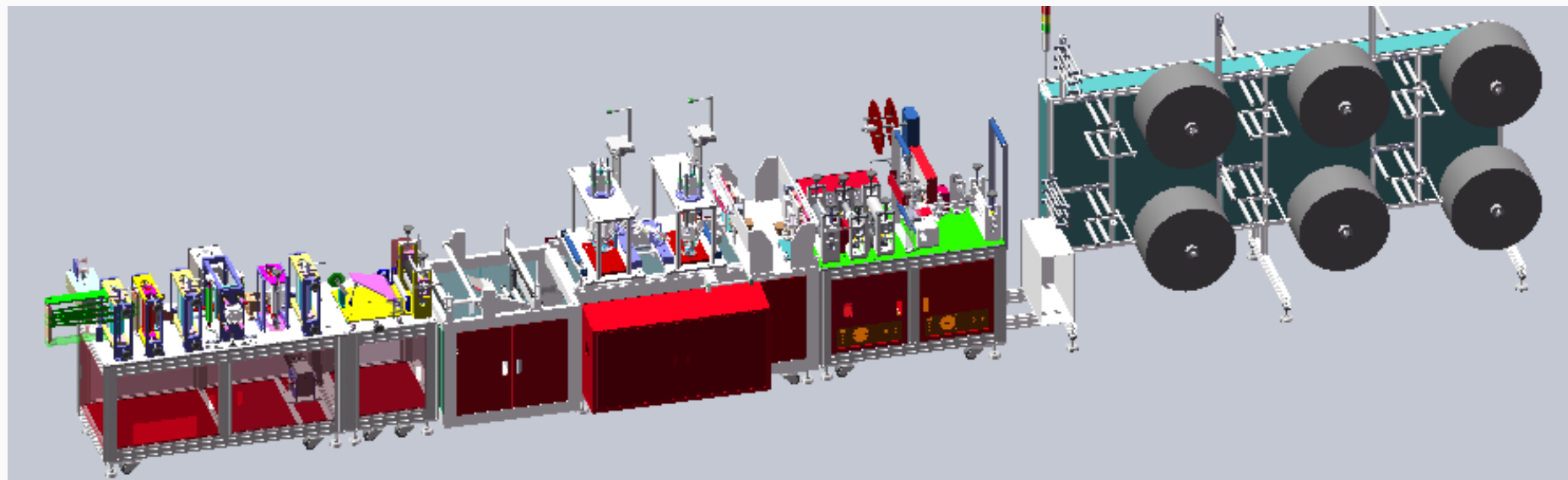
## Equipment Process Flow

Running process

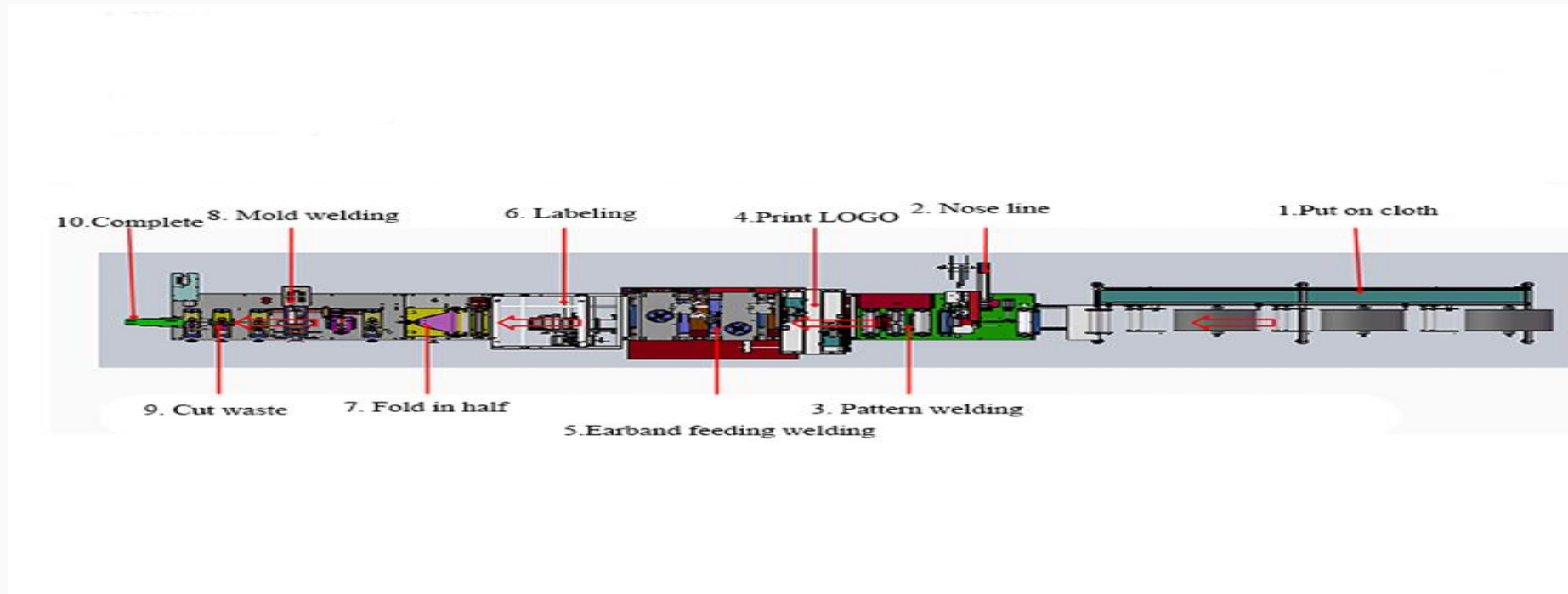


## Equipment Layout Plan

10500MM\*1500MM\*2200MM

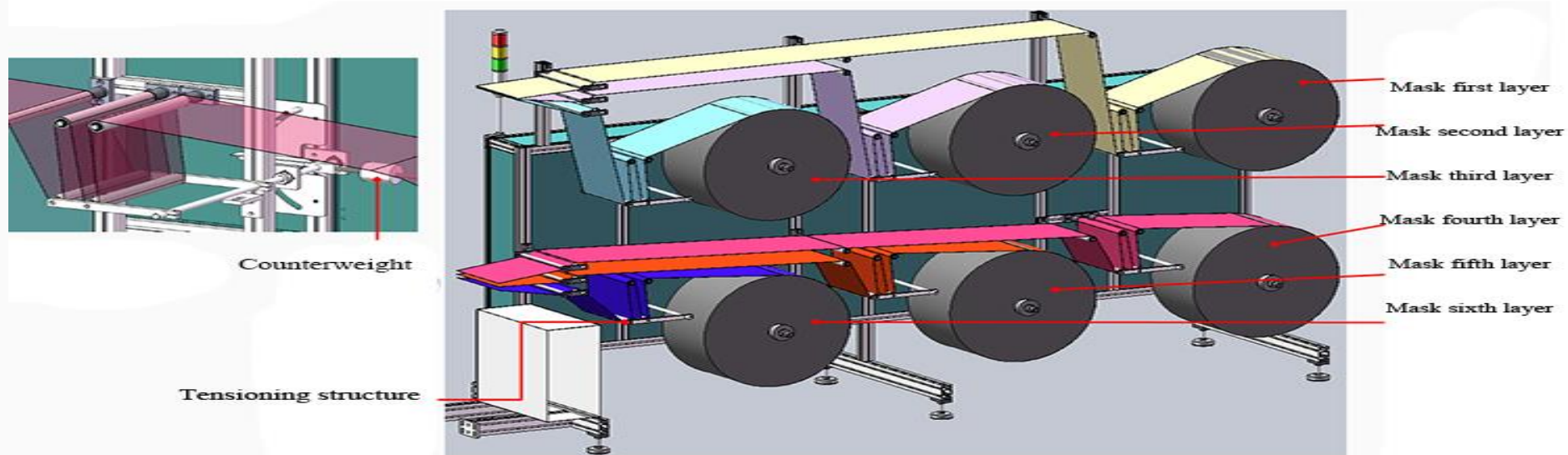


## ■ Equipment Layout Plan



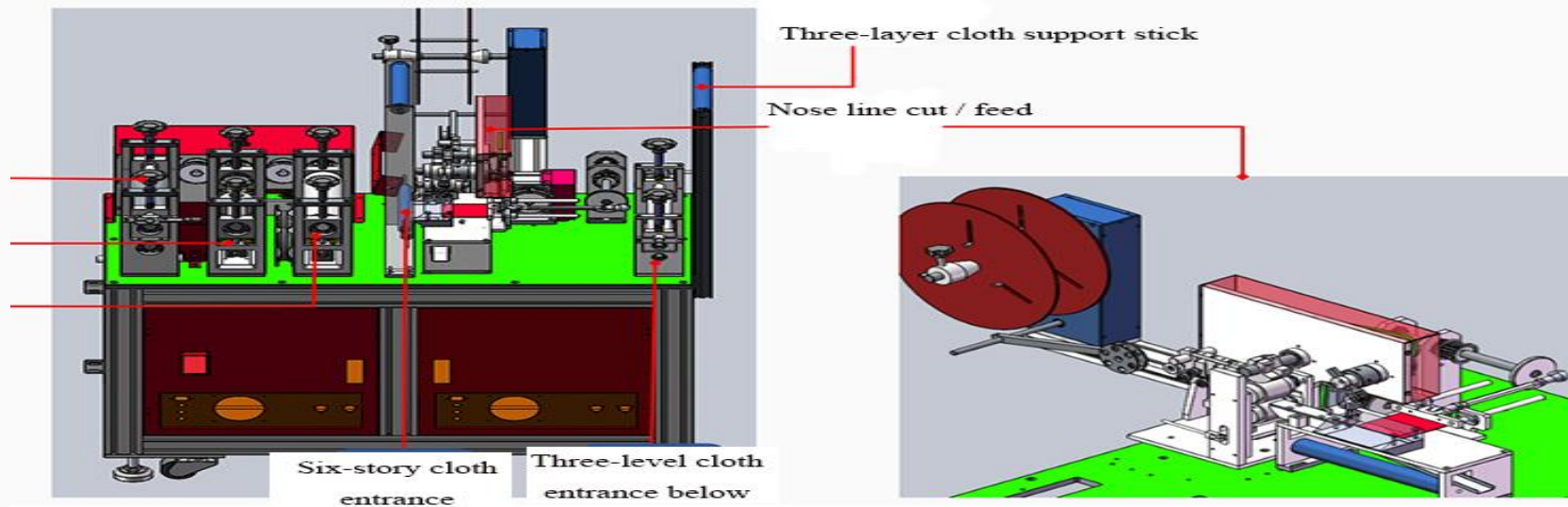
## ■ Introduction Of Device Module

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## ■ Introduction Of Device Module

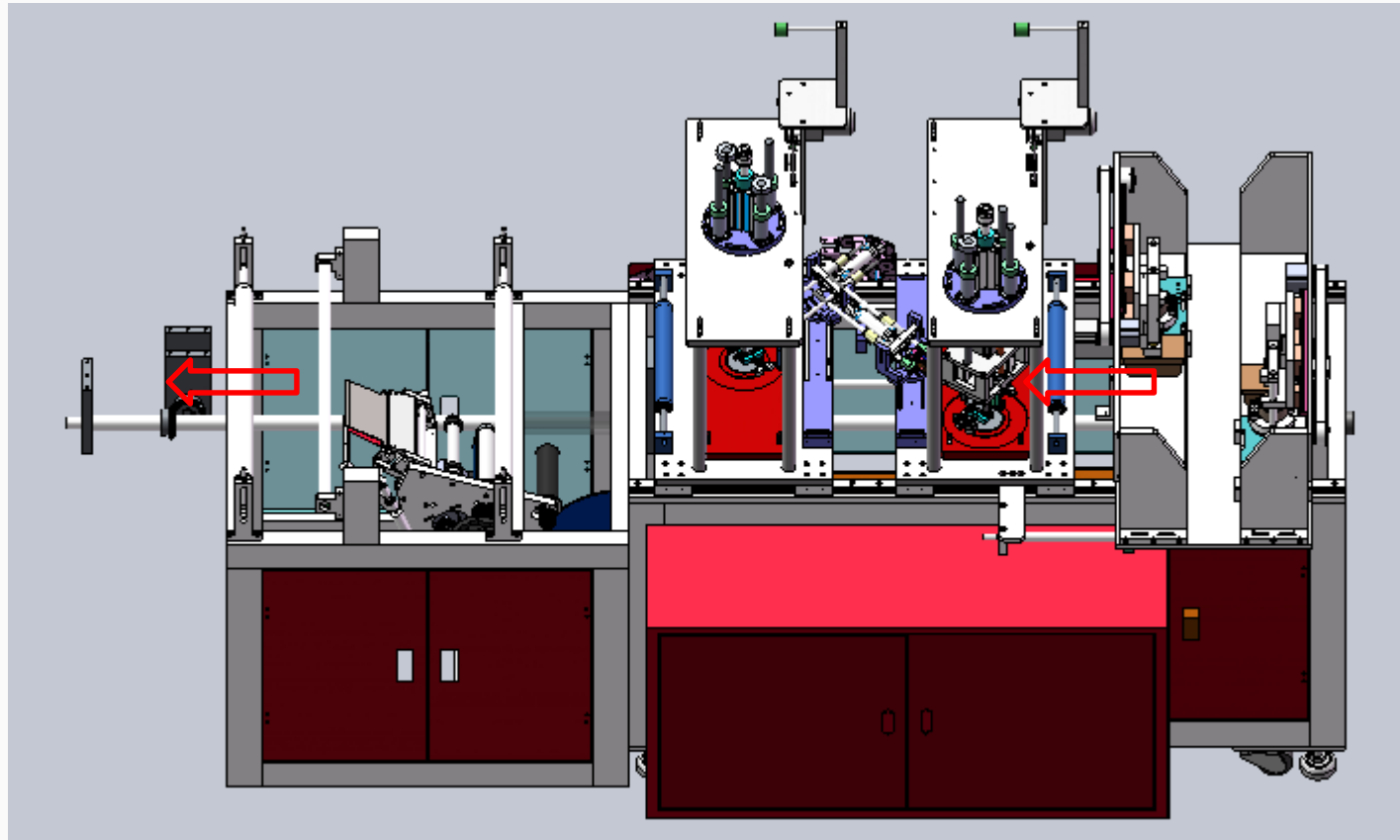
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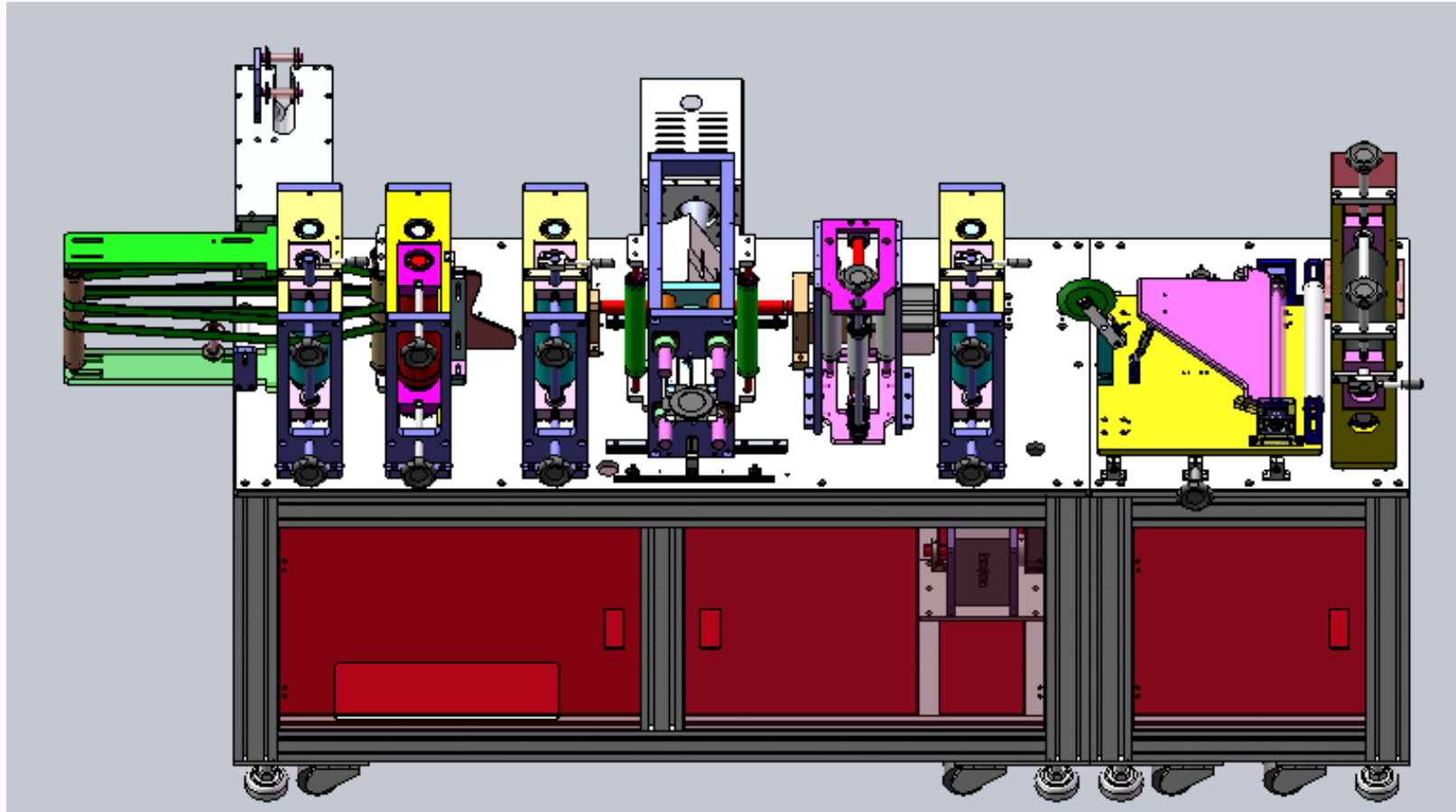
## ■ Introduction Of Device Module

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## ■ Introduction Of Device Module

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## ■ Advantage Description

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### Product advantages:

1. High production efficiency
2. Full computer PLC control, high servo / step drive / automation, high stability, low failure rate
3. Photoelectric detection of raw materials to avoid errors and reduce waste
4. Photoelectric detection , Automatic counting function during production (including total counting and batch counting)



**B U S I N E S S**

Thanks

