

NON WOVEN CLEANSING DISCS, MEDICAL BANDAGES, MEDICAL DRESSING, MEDICAL MASKS MAKING MACHINE FULL AUTOMATIC ULTRASONIC SISTEM

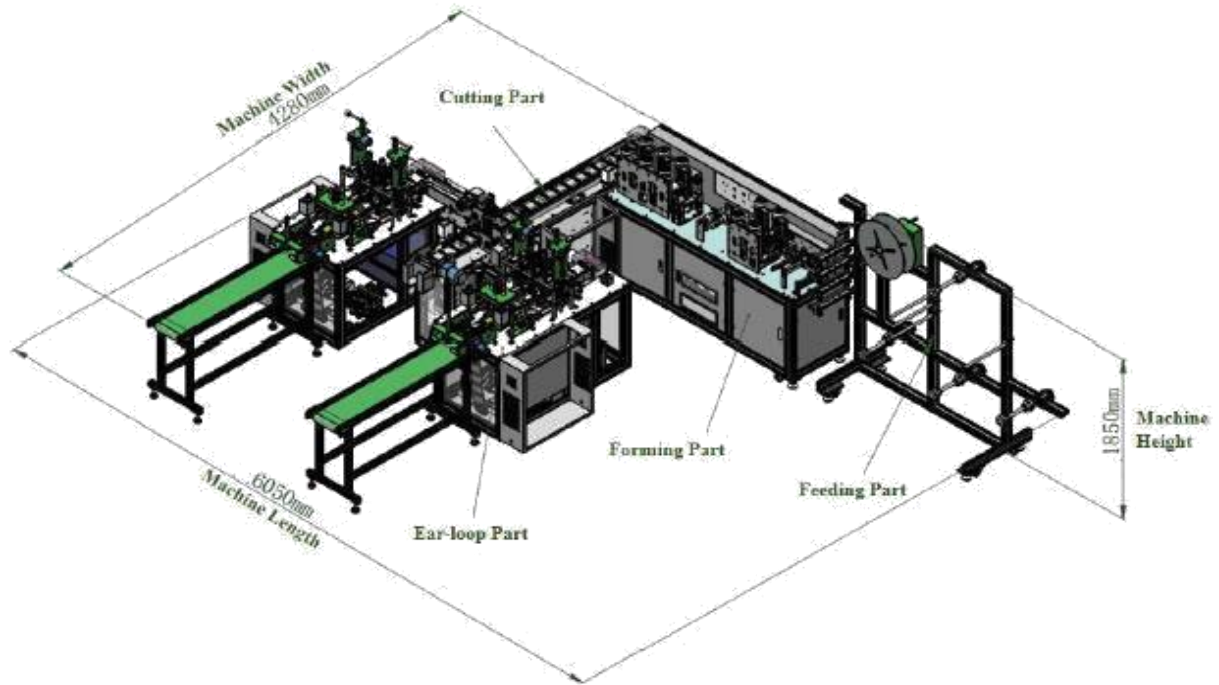


TECHNICAL PARAMETERS DESCRIPTION:

SPECIFICATIONS	
Model	ZX-1950-2
Production speed	100-120 pcs/min
Voltage	220V/60hz
Overall dimension	6400*3200*1680mm (L*W*H)
Mask size	17.5*9.5cm
Power	11KW
Weight	1700Kg

PRODUCTION LINE STRUCTURE:

- ❖ It consists of a main machine (cleansing discs, medical bandages, medical dressing, masks, and other medical products form non woven material) molding machine and automatic transferring belt. It can finish the automatic production process of feeding, folding, pressing and forming, welding and cutting.
- ❖ Personnel requirements: 2 operators
- ❖ Production type: flat non woven cleansing discs, medical bandages, medical dressing, medical masks 3/4/5 layers
- ❖ Power: 11KW



MACHINE SPECIFICATION AND CONFIGURATION:

Full automatic , cleansing discs, medical bandages, medical dressing, medical masks, and other medical products form non woven material and cotton, production line adopts advanced design, only need to put the raw material on the feeding rack, after the completion of the modulating, the machine can realize automatic production. It only need one person to operate and fully realize the whole process of automatic production. The equipment also adopts ultrasonic welding, which is beautiful, sanitary, environmental friendly. The output is 150-300 pcs/min. or 30 meters, depending of type of the product. The dimensions of cleansing discs can be adjusted. The product size error is $\pm 1\text{mm}$. According to the needs, replacing parts of the molds can achieve a variety of specifications of pieces. This machine can produce all kinds of non woven products. Support 1-5 layers of non woven sheet production. Can use also, the elastic self-adhesive material to producing medical bandages, dressings or oter medical and non-medical products.








TECHNICAL PARAMETERS DESCRIPTION:







SPECIFICATIONS	
Overall Dimension	3345*630*1830mm
Voltage	AC 220V,50-60HZ
Production Speed	100-120 pcs/min
Power	2.7KW




RAW MATERIAL:



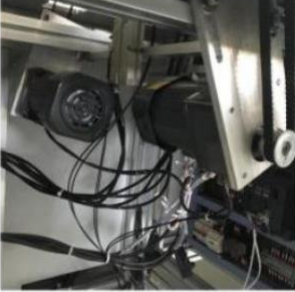

Item	Melt-blown fabric	Non woven FLEXI - PP	Non woven FLEXI - PP	Nose bridge	Ear belt
Picture					
Size	Width:17.5cm GSM: 20g	Width:17.5cm GSM: 20g	Width:19.5cm GSM: 25g	Width:2mm Thickness:1mm Length:95mm	Width:2.2mm Length: 20cm

No	Item	Picture	Advantage
1	Cutting Rubber Spoke		We cover both sides of the rubber root with steel, so the rubber will not break from the side after long use.
2	Carry-Over Pinch Roll		We use silicone rubber material instead of paraffin material. Silicone rubber material has good wear resistance, will not crack.
3	PLC		PLC from XINJIE brand, top one brand in the mask making industry
4	Nose Bridge Bar Tension controller		We use nose bridge bar tension controller to avoid different length of nose bridge bar
5	Nose Bridge Bar Feeding Device		We use a nose bridge bar feeding device, which ensures that the nose bridge bar can be inserted in a more straight line during processing, so that the finished mask will be smooth and aesthetically pleasing
6	Non Woven Material Sensor		We use non woven material sensor, once the material is used out, it will stop automatically
7	1 Raw Material Tension Controller		We use material tension controller to avoid congestion

8	2 Raw Material Tension Controller 2		Our machine is equipped with two braking modes. One is tight belt and the other is screwed in. You can choose one or both according to your needs
9	Raw Material Rectifying Deviation System		We use raw material rectifying deviation system to adjust material
10	Distributi on Box		CHINT brand
11	Static Electricity Eliminator		There's static electricity eliminator in our machine to eliminate surface static electricity of non woven mask
12	Motor		Our motor is new type, no need to add oil
13	Fan		We install the fan near the ultrasonic horn to reduce the temperature of the horn and extend the ultrasonic life.

14	Ultrasonic Welding System		There're two sets ultrasonic devices
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Configuration list of linker part :

1	Connector Computer		Connector computer
2	Electric Control Panel		We use XINJIE and ZHENGTAI electrical equipment
3	Two Connecting Belt Motors		Two connecting belt motors operate the two connecting belts.
4	Connecting Air Tube		machine has three parts to connect the air tube, one is the ear loop connection part, and the other two are the ear loop machine

5	Body Conveyor		We use conveyor to transfer to the welding head
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CONFIGURATION LIST OF EAR-LOOP SPOT WELDING:


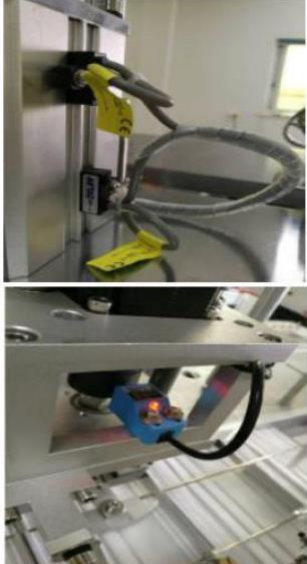
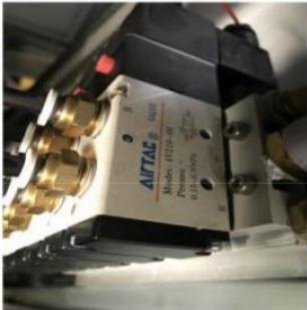

EQUIPMENT FUNCTION INTRODUCTION







Ultrasonic welding is used to fuse the elastic belt into the inner side of both ends of the mask body, which is the last processing procedure of the inner ear-loop mask production. Only one operator is required to place the pieces of mask body in the mask plate, and the subsequent actions to the completion of the finished product are automatically completed by the equipment. The machine is driven by servo drive and step drive, with precise transmission and adjustable speed.


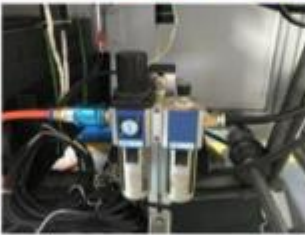

EXTERNAL EAR-LOOP MACHINE TECHNICAL PARAMETER

SPECIFICATIONS	
Machine Overall	1915*855*1780mm (L*W*H)
Voltage	AC 220V,50-60HZ
Production Speed	50-60 piece/min
Power	2.7KW

No	Item	Picture	Advantage
1	Servo Motor		We use XINJIE servo motor, let machine works steady. the number one brand of ultrasonic machine

<p>2</p>	<p>Ear-Loop Spot Welding Computer</p>		<p>Two sets ear-loop spot welding computer</p>
<p>3</p>	<p>Photoelectric Eye</p>		<p>Photoelectric eye we use AIRTAC and ROKO brand</p>
<p>4</p>	<p>Solenoid Valve</p>		<p>Solenoid valve is AIRTAC brand</p>
<p>5</p>	<p>Touch Screen</p>		<p>touch screen</p>

6	PLC		Our PLC is XINJIE brand, the number one brand of ultrasonic machine
7	Servo Driver		We use XINJIE servo driver, the number one brand of ultrasonic machine
8	Fans		We install the fan near the ultrasonic horn to reduce the temperature of the horn and extend the ultrasonic life.
9	Ultrasonic system		One spot welding machine, two sets of ultrasonic system, we make our own ultrasonic with good quality, and stable.
10	Pushing device for finished products		Our machine use air cylinder type face mask product pushing device
11	Ear-Loop Threading Device		We install a portable ear-loop threading device

<p>12 Independent Conveyor Belt</p>			<p>We install face mask conveyor belt</p>
<p>13 Connecting Air Tube</p>			<p>Machine has three parts connecting air tube, one is ear-loop connecting part, the other two are ear-loop machines.</p>
<p>14 Ear-Loop Cutting Device</p>			<p>Ear-loop cutting device</p>

