

High speed 1+1 Adult size KF94 mask machine



DETAILS OF adult size KF94 MASK MACHINE



Mask body : ultrasonic 2sets 15K Hz 4200W for 5 layers

15KHz 2600W for 4 layers

2 serve motors + 3 stepper motors

Ear loop welding : ultrasonic 2 sets 20K 2000W

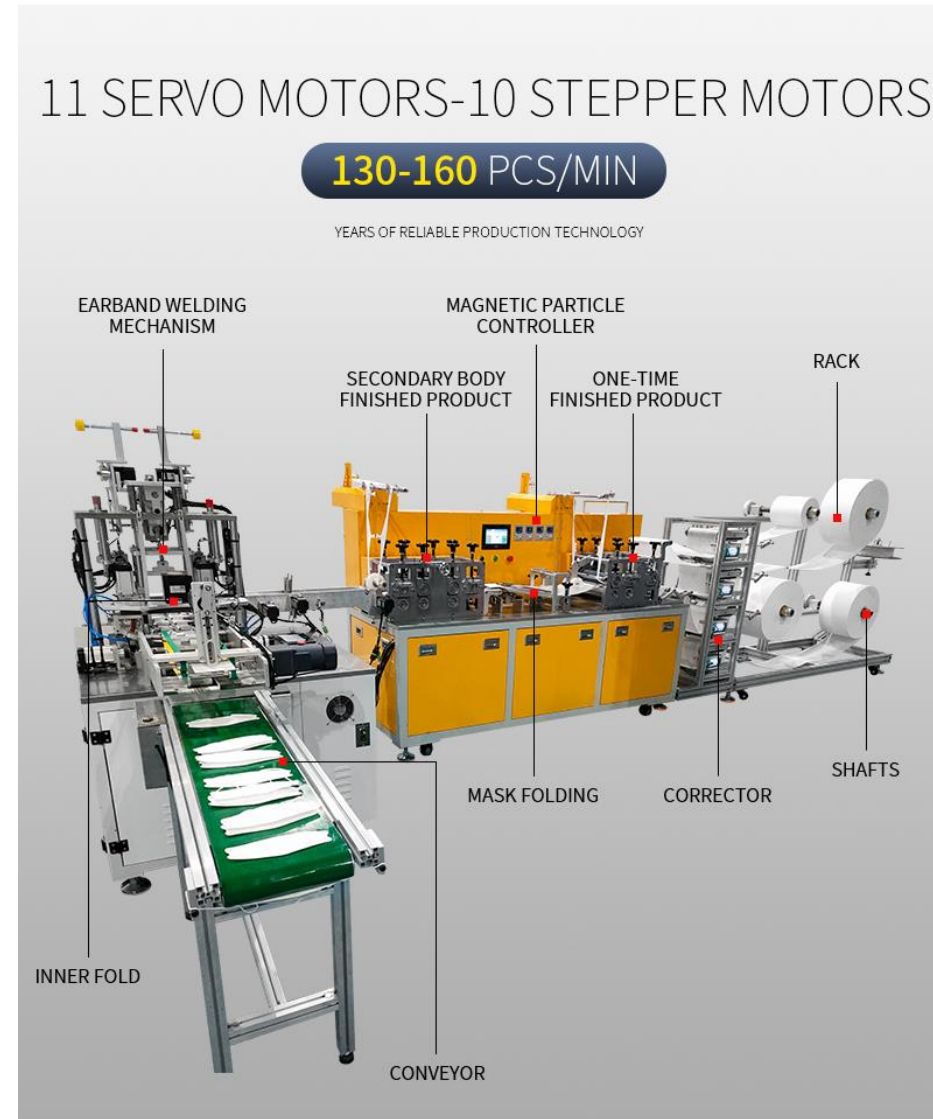
9 servo motors + 7 stepper motors

Item Name	Full automatic KF94 mask machine
EXW PRICE IN USD	
Speed	100-120pcs per min
Mask Type	Fish Shape mask (220*85mm±3mm)
Mask Size	Adult size fish shape mask
Structure	1 rack , 1 sets rectifying device , 1 mask body machine , 1 ear loop welding machine , 1 conveyor belt, 1 ear loop folding device ; 1 flip device .
Machine size	6000mm(L)×3700mm(W)×1800mm(H)
Power	220V 50Hz/60Hz
Packing size	237*108*175cm; 271*88*164cm 175×110×185cm 1050KG
Mulit-Language	Chinese, English, Korean, and others as the request

DETAILS OF KF94 MASK MACHINE



QUALITY ASSURANCE



DETAILS OF KF94 MASK MACHINE

FIVE CHARACTERISTICS

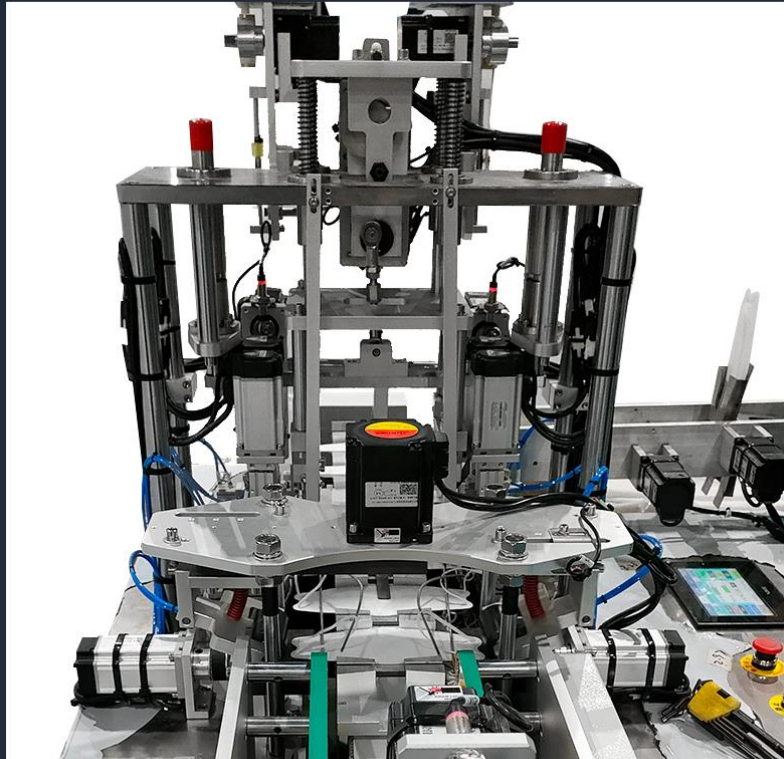
HIGH-STRENGTH MANUFACTURING, DURABLE,
STRONG ENDURANCE, GOOD PROCESSING ACCURACY

YEARS OF RELIABLE PRODUCTION TECHNOLOGY

INNER FOLDING EAR MECHANISM

FOLD THE OUTER EAR BAND INTO THE INNER EAR BY ROLLING
CONVENIENT FOR INDEPENDENT PACKAGING AND
CONTINUOUS PACKAGING MACHINE

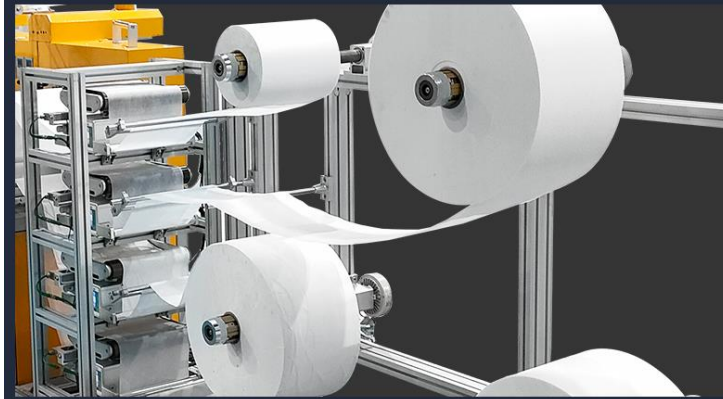
DETAIL 1



DETAIL 2

SHAFTS

ADJUSTABLE EXPANSION SHAFT THICKNESS AND RESISTANCE
MAGNETIC POWDER CONTROL TO
PREVENT THE FABRIC FROM LOOSENING



DETAIL 4

FOUR-PAGE FLIP

INCREASE TURNOVER SPEED,
INCREASE PRODUCTION SPEED



4 CORRECTORS

PREVENT FABRIC DEVIATION AND REDUCE MATERIAL LOSS
SAVE RESOURCES FOR CUSTOMERS

DETAIL 3



TOUCH SCREEN OPERATION

MULTI-LANGUAGE SYSTEM
TOUCH SCREEN CONTROL
EASY TO USE

DETAIL 5

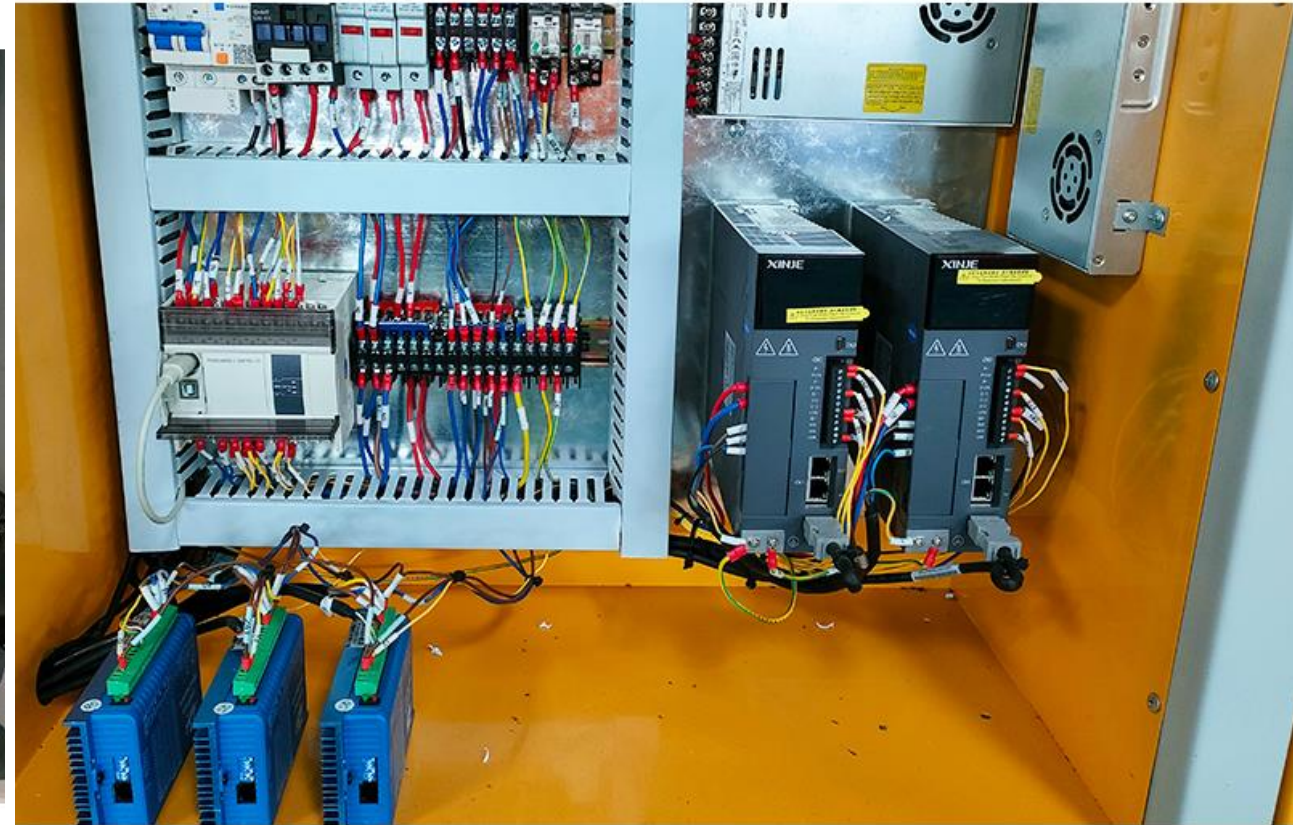


DETAILS OF KF94 MASK MACHINE

EARBAND WELDING MACHINE 9 SERVO 6 STEPPER MOTOR



FILMING MACHINE 2 SERVO 4 STEPPER MOTORS



DETAILS OF KF94 MASK MACHINE

4 ULTRASOUND

ULTRASONIC BREAKER OF FILMING MACHINE: 15K4200W *2
EARBAND WELDING: 15K2600W *2



MASK FOLDING MECHANISM



ONE-TIME FORMING MECHANISM



SECONDARY MOLDING MECHANISM



EARBAND WELDING

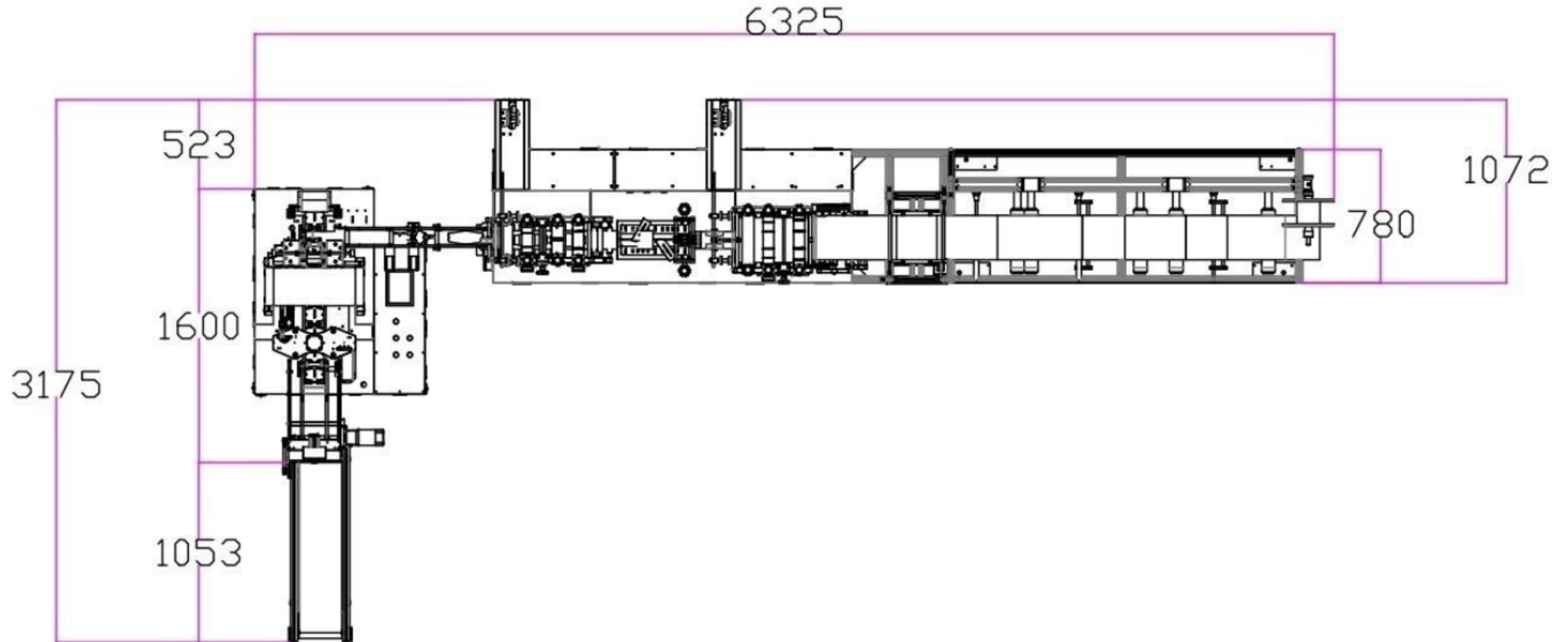
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Specification parameters:

Product size:	Market circulation size folding mask, according to product drawings can be designed knife mold;
Material width:	Suggested width :240 mm, Compatible width :260 mm
Capacity:	110~130 tablets/min
Applicable Power:	220V/380V,50HZ/60HZ
Applicable gas source:	0.5~0.7 Mpa
Rated power:	7.5 kw
Machine size:	Material frame :2050 x 770x 1640; body :2200 x 1120x 1600; end :1670 x 1020x 1620;;1670
Machine Weight:	By subsection, no more than 300 KG per section

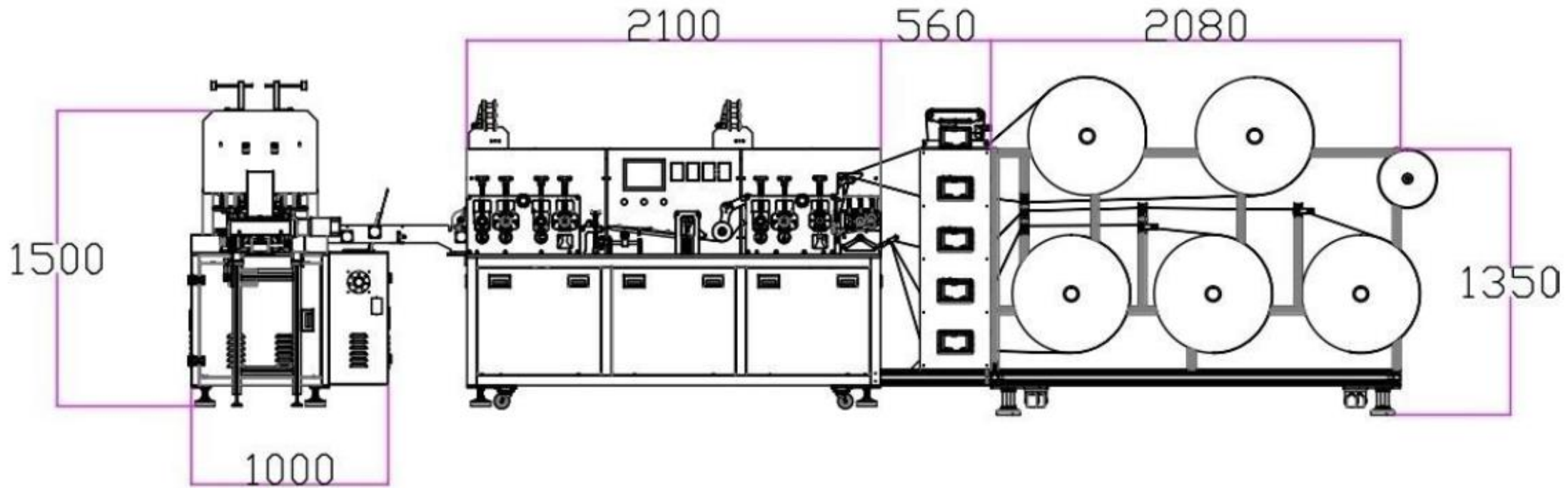
DETAILS OF adult size KF94 MASK MACHINE

3.1. Vertical View



DETAILS OF adult size KF94 MASK MACHINE

3.2. Plane graph



DETAILS OF adult size KF94 MASK MACHINE

6.1. Mask Body

Serial number	Serial number	Serial number	Serial number	Serial number	Serial number
1	Relay	G2R-2-SND P2RF-08-E	DC24V	Yijia	2
2	Relay	MY4NJ DC24V PYF14A-E		Yijia	2
3	Stop	XB2BS442C		Yijia	1
4	Green light button	XB2BW33B1C		Yijia	1
5	Red button	XB2BA42C		Yijia	1
6	Two knobs	XB2BD21C		Yijia	1
7	PLC	XD5-24T4-E		Xinjie	1
8	Touchscreen	TG765S-XT		Xinjie	1
9	Socket socket	Three-hole double row		OX	1
10	Served	750W		xinjie	2
11	Ultrasonic ultrasound	15 k,2600kw		conprofe	2

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Ear loop

Serial number	Serial number	Serial number	Serial number	Serial number	Serial number
1	Relay	G2R-2-SND+P2RF-08-E	DC24V	OMRON	2
2	Relay	MY4NJ DC24V+PYF14A-E		OMRON	1
3	Relay	G6D-F4B+G6B-4-SB		OMRON	5
4	Stop	XB2BS442C		yIJIA	1
5	Green light button	XB2BW33B1C		YIJIA	1
6	Red button	XB2BA42C		YIJIA	1
7	Yellow knob	XB2BD21C		YIJIA	1
8	Switching power supply	S-350W-24V		MINGWEI	1
9	Step step	DP-508+57BYG76		XINJIE	6
10	PLC	XDH-60T4-E		XINJIE	1
11	Touchscreen	TG765S-XT		XINJIE	1
12	Served	750W		XINJIE	3
13	Served	400W		XINJIE	6
14	Photoelectric sensing	BS5-K1M		BEIFUNING	2
15	Ultrasonic ultrasound	20k, 2000kw		YACHAO	2

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Material proposal

A total of four layers of traditional KF94 mask products, two of which are melt spray layer, play a filtering effect. The width of cloth for the machine is 240 mm, but the conventional 260 mm width can also be used. The following is the proposed material table:

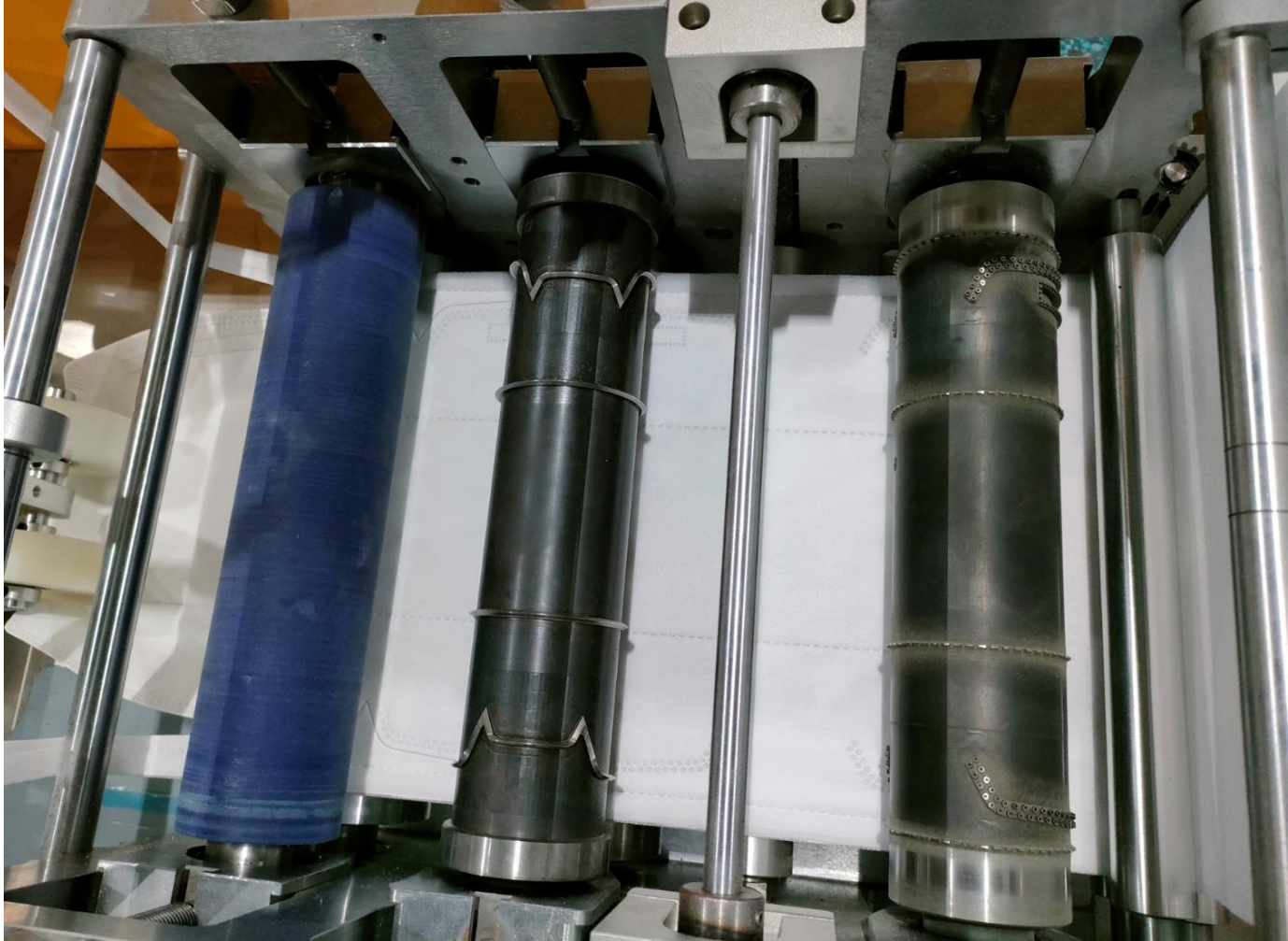
From outside to inside (width 240 or 260)		
First layer	First layer	First layer
SS 50g non-woven fabric	SS 50g non-woven fabric	SS 50g non-woven fabric
The outer layer	The outer layer	The outer layer
Second layer	Second layer	Second layer

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Mask sample

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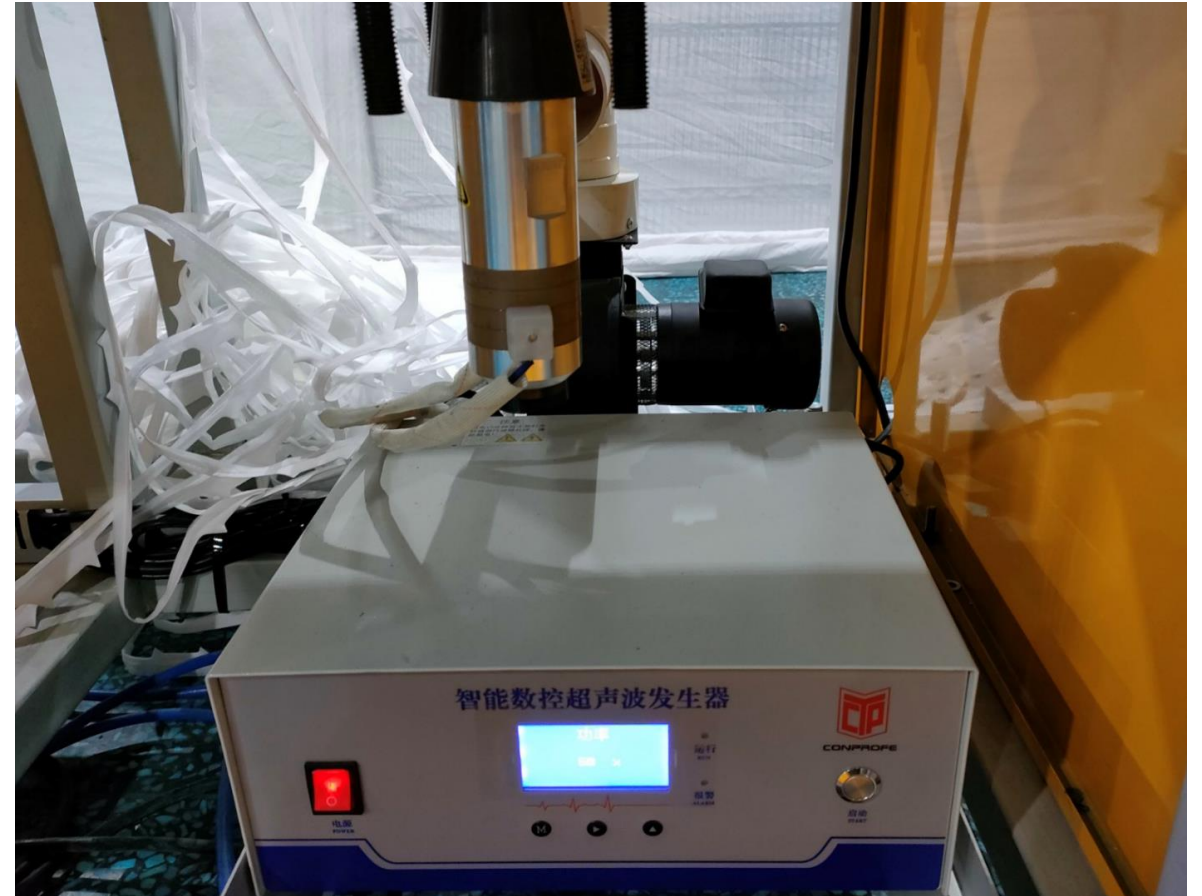
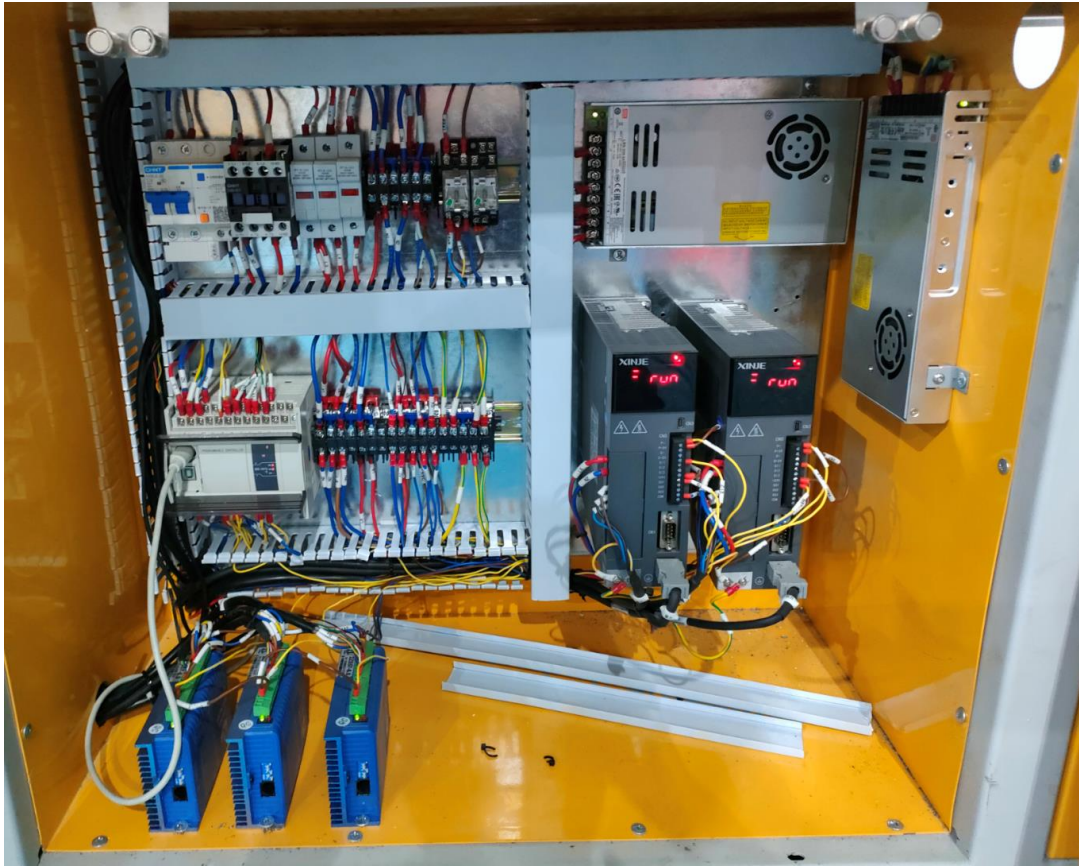
Mold



Rectifying device

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Mask body :2 servo motors 3 stepper motors + 2 15KHz 4200W ultrasonic for 5 layers



Mask body :2 servo motors 3 stepper motors + 2x 15KHz 2600W ultrasonic for 4 layers

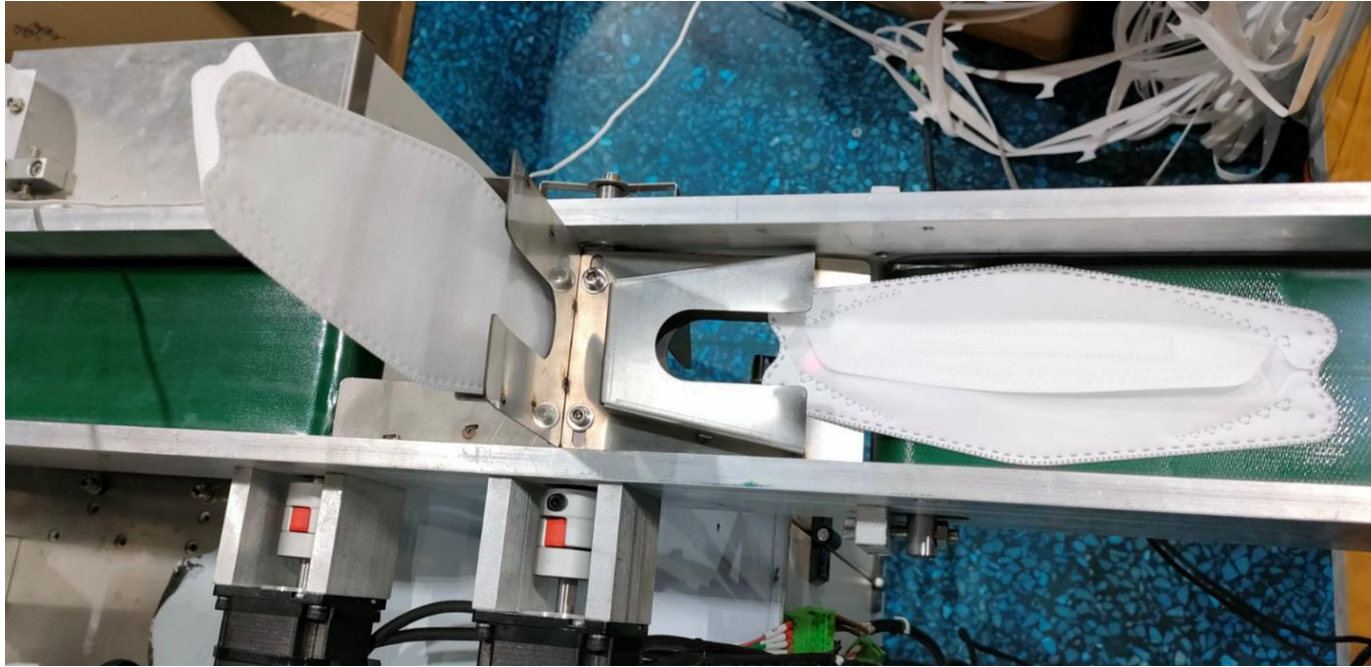
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Ear loop welding machine: 9 servo motors ,7 stepper motors , 20K 2000w ultrasonic x2pcs



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Flip device and ear loop folding device



VIDEO :

<https://youtu.be/RvE2SwGEG8U>

<https://youtu.be/a7DzBfPn-XM>

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1. www.maskmachine51.com



2. www.terminalcrimp.com