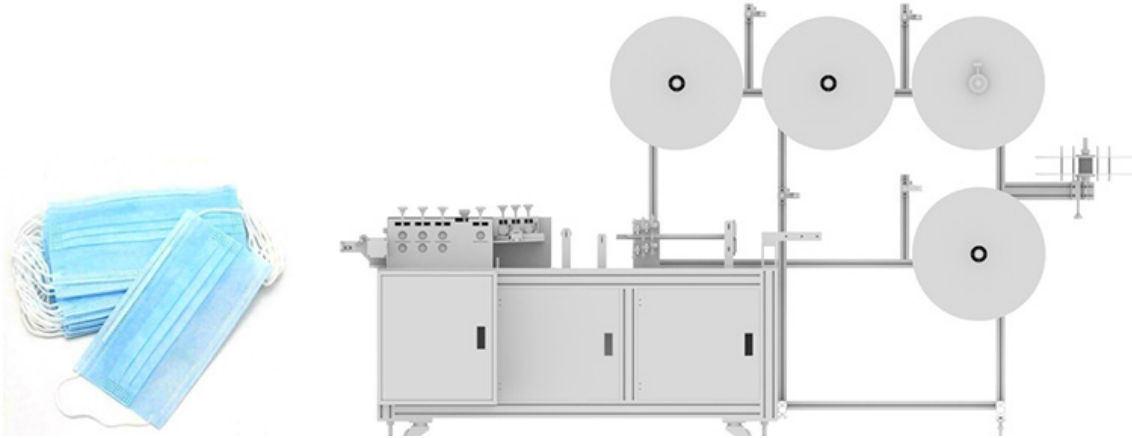


TM120 Medical Mask Production Line**170K Pcs / Day****14 Days Leadtime****0.5 Day Set-up****Less Investment**

1. Applications

Used to produce **Face Masks*** like PP non-woven medical face mask, 1~4 layers Gauze mask, and Activated carbon mask in mass production, whole solution consists of mask body forming machine and the ultrasonic welding machine for welding the earloops to the mask body.

* Not suitable for producing Folding Mask, N95 Mask, Duckbill Mask, Fishing Type Mask.

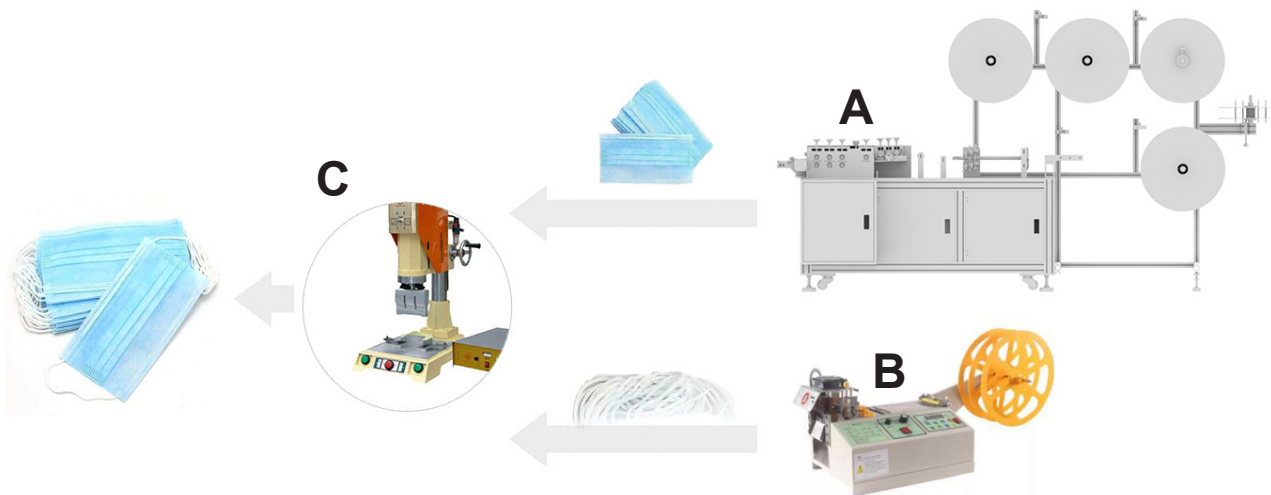
* Medical face mask manufactured by this line, with correct raw material and specific disinfection can pass the mask testing standards like YY 0469-2011, ASTM F2100, EN 14683, ASTM F2101 / EN 14683, NIOSH test 42 CFR part 84, ISO 10993, ISO 11737-1, ASTM F2299, ASTM F1862 / ISO 22609, MIL - M - 36954C / EN 14683, 16 CFR part 1610.



2. Core Components

This machine line consists of:

- A. Mask Body Forming System(Raw material feeding, welding, cutting)
- B. Earloop Cutting Machine(Cut earloop in specific length)
- C. Earloop Welding Machines(one worker one welding machine)

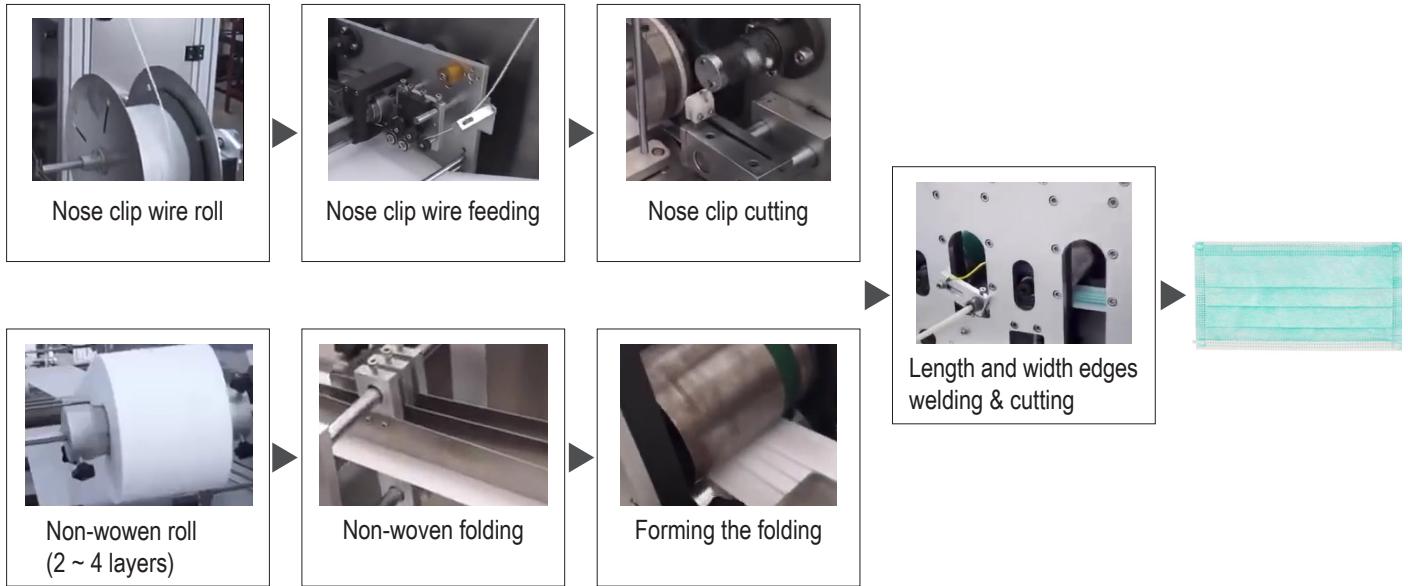


A: Mask Body Forming System

This part is in charge of main mask body forming, including automatic roll unwinding rack, nose clips insertion, truncation, ultrasonic fusion, slicing, etc.

The discharge rack is composed of square steel pipes and profiles. Each group of discharge shafts is provided with a braking device.

The discharge rack is provided with multiple groups of discharge shaft components, which is convenient for the production of masks with different layers.



B: Earloop Cutting Machine

This device can cut a roll of earloop to specific length of earloop units, ready for be welded to the mask body in the final process.



C: Earloop Ultrasonic Welding Machines

This is where the earloops are fixed to the mask body's two sides, each ultrasonic need one worker to operate, more welding machines, more productivity.



3.Specifications Comparison between TM120 VS Automatic Line

Model	TM120	Automatic Mask Production Line
Mask Body	140 Pcs / Min	140 Pcs / Min
Complete Mask Productivity (In theory)	120 ~ 160 Pcs / Min	80 ~ 110 Pcs / Min
Complete Mask Productivity (In Actual Production)	110 ~ 130 Pcs / Min	60 ~ 80 Pcs / Min
Leadtime *Confirm with sales in advance	14 Days	30 Days
Set-up Time	0.5 Day	2 Days at least
Dimensions (LxWxH mm)	Mask Body Machine: 3000 x 780 x 1400 Welding Machine: 650 x 400 x 200 Cutting Machine: 450 x 350 x 300	6800 x 4800 x 1860
Power	220V AC \pm 5% , 50 Hz, ~ 6 Kw	220V AC \pm 5% , 50 Hz, ~ 8.8 Kw
Compressed Air Source Requirements	0.5 ~ 0.8 MPa With basic filtration Airflow rate 300 L / Min	0.5 ~ 0.8 MPa With basic filtration Airflow rate 305 L / Min
Facility environment requirements	Temp. 10 ~ 40 $^{\circ}$ C humidity 5 ~ 35 % No flammability possibilities No corrosive gas No dust Air Cleanliness is not less than 100,000	