

MPL-100

MASK PRODUCTION LINE

Fully automated disposable protective mask production line



MASK TYPE:

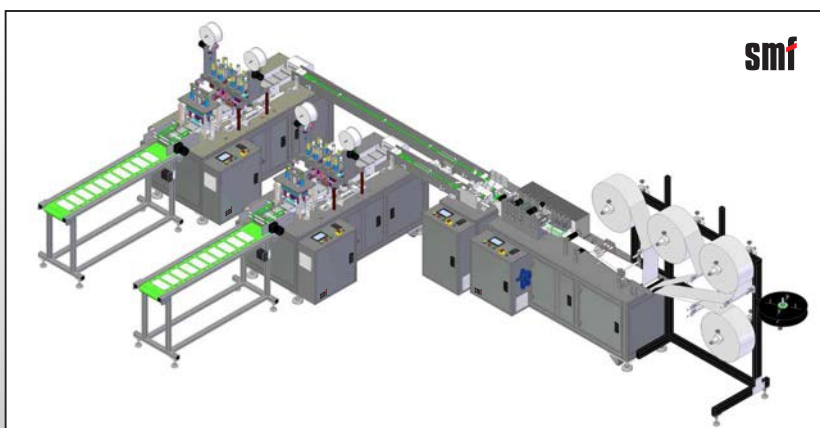
2-layer non woven mask

3-layer non woven mask

MASK SIZE :

17.5 × 9.5 cm | 6,9 × 3,7 in (adult)

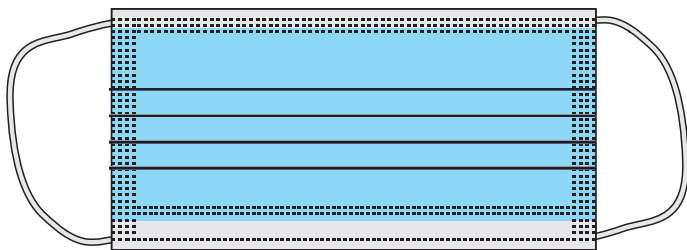
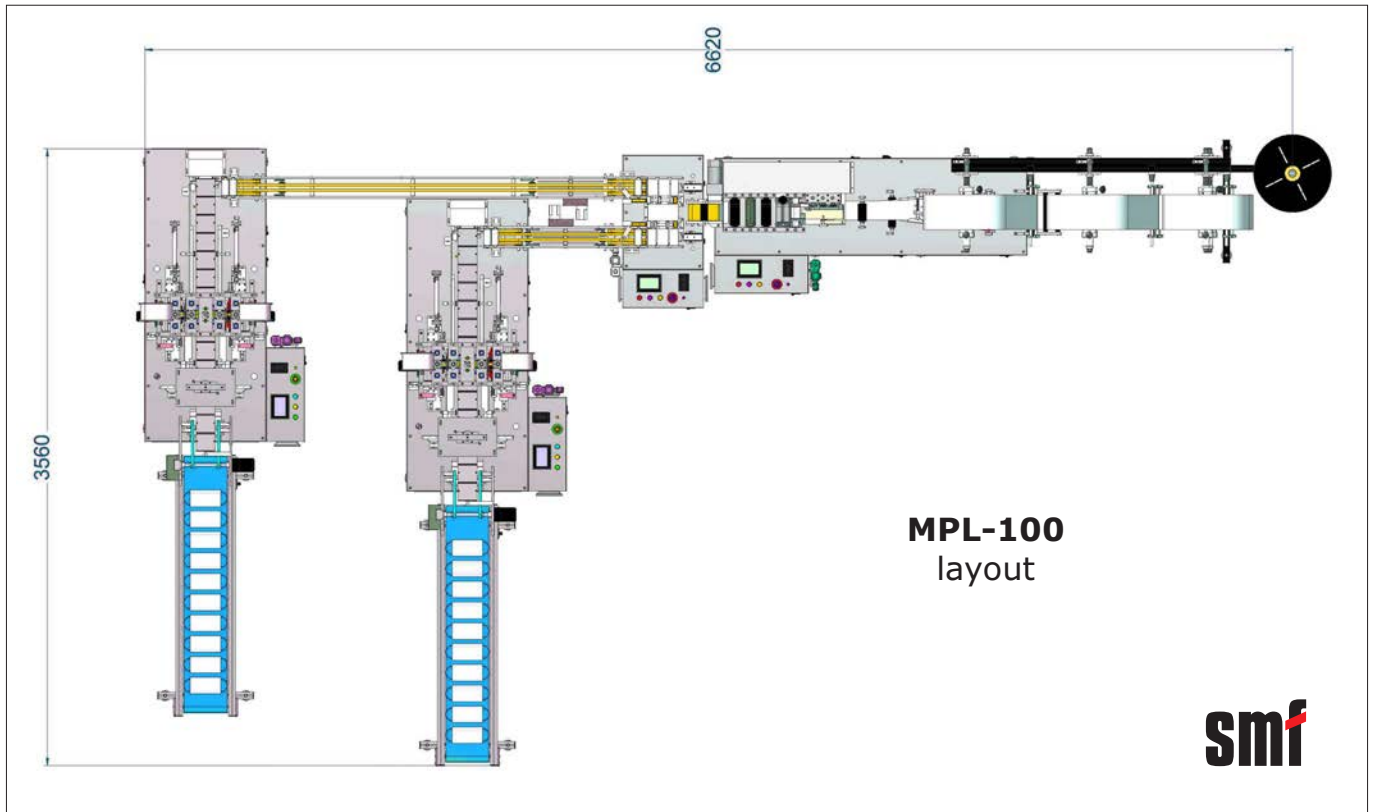
15 × 9 cm | 5,9 × 3,5 in (children)



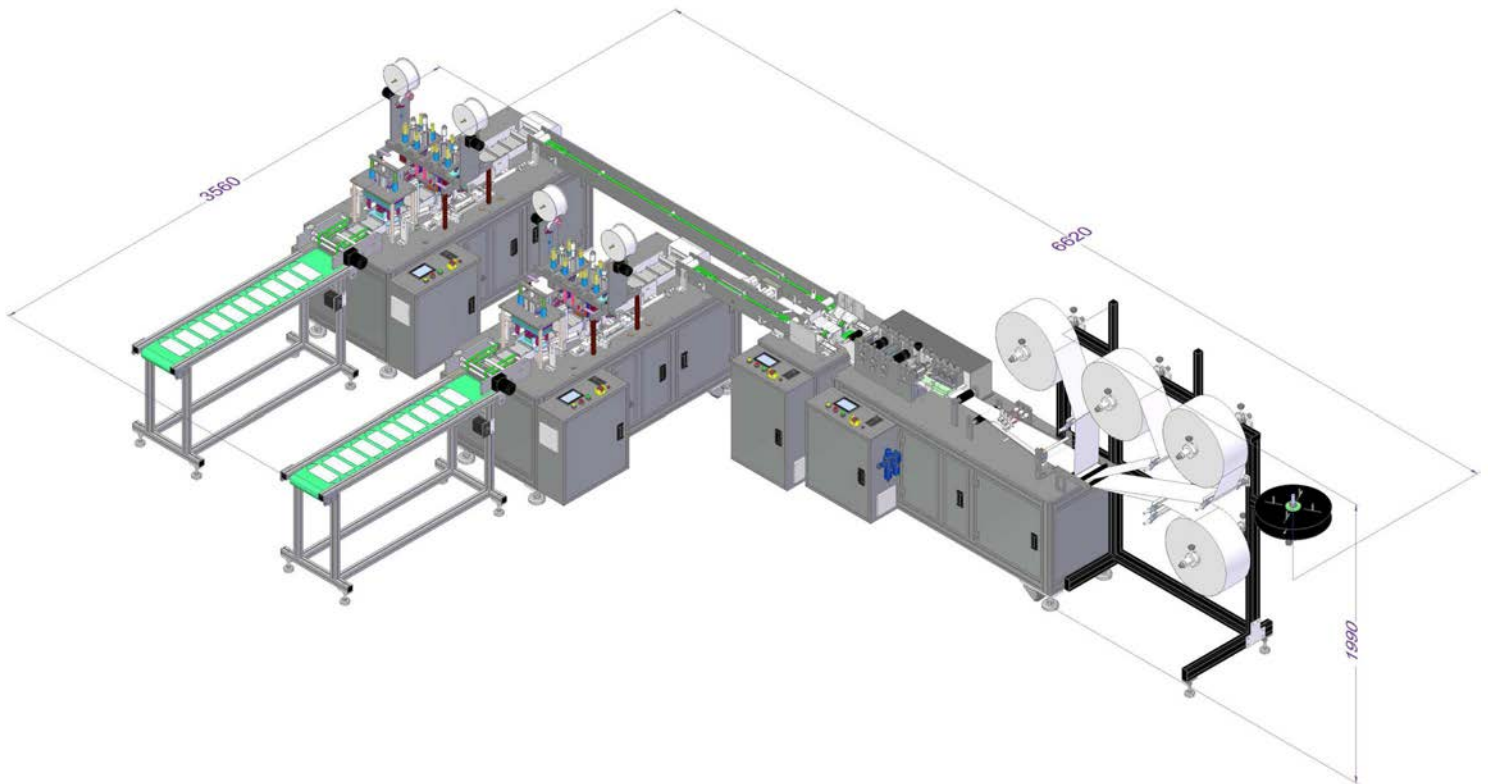
PROCESSES:

- feeding filter material
- folding
- welding
- forming mask
- cutting mask
- welding ear band
- packaging (optional)

Cycle time: 100-120 parts/min



CONFIGURATION:
FESTO
MITSUBISHI
EATON
AB QUALITY Allen-Bradley
BALLUFF
wenglor
Weidmüller
PHOENIX CONTACT
WEBER ULTRASONICS



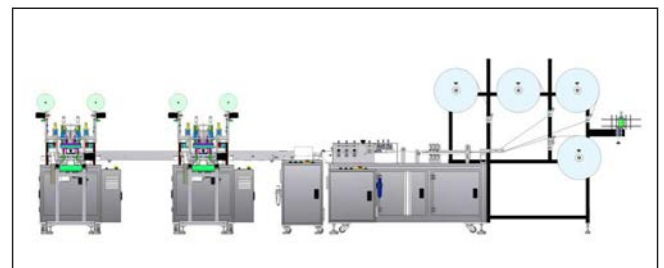
TECHNICAL DATA SHEET

FULLY AUTOMATED DISPOSABLE SURGICAL MASK PRODUCTION LINE

It includes feeding of filter material, folding and pressing, mask forming, mask cutting, ear band welding, packaging and other processes. Particularly suitable for the fully automated production of medical disposable three-layer masks.

EQUIPMENT ADVANTAGES

- Short delivery time
- Reliable manufacturing concept with low maintenance needs
- High production efficiency, daily output up to 140,000 pieces
- Modular design, safe and easy operation, automatic alarm system
- Integrated intelligent operating system
- one-man operation



PRODUCT SPECIFICATIONS

Mask type

- 2-layer non-woven mask
- 3-layer non-woven mask
- 4-layer activated carbon mask

Mask size

- 17,5 × 9,5 cm | 6,9 × 3,7 in (adult)
- 15 × 9 cm | 5,9 × 3,5 in (children)

Efficiency

- 100 - 120 parts/min

CONFIGURATION

- Festo, Mitsubishi, Eaton, Allen-Bradley, Balluff, Wenglor, Weidmüller, Phoenix Contact, Weber Ultrasonic
- Automatic transfer system
- Interface to automatic packaging possible

TECHNICAL SPECIFICATION OF THE FULLY AUTOMATED DISPOSABLE SURGICAL MASK PRODUCTION LINE

Model	MPL-100
Ultrasonic Frequency	20 KHz
Machine Size	6620 × 3560 × 2800 mm
Voltage	220V-50/60 Hz
Air Pressure	5-7 bar
Power	9 KW
Weight	1600 kg
Cycle time	100-120 parts/min

* Above parameters for reference only. The final results based on the measured data when the device is delivered.

