

# MPL-100



**smf**

# 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 x 9.5 cm | 6.9 x 3.7 in (adult)



### PROCESSES:

feeding filer material

folding

welding

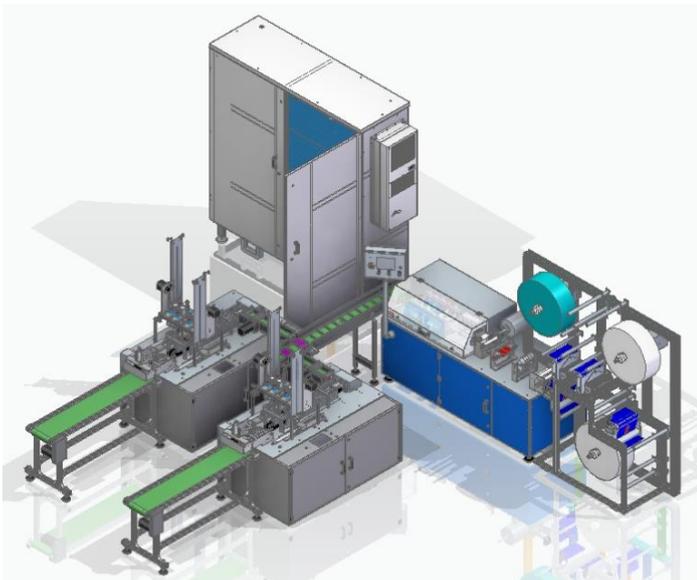
forming mask

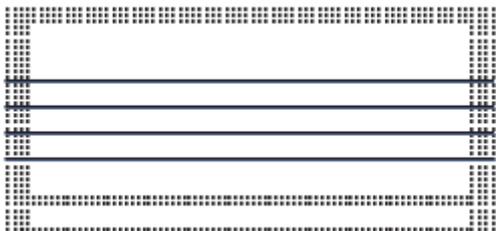
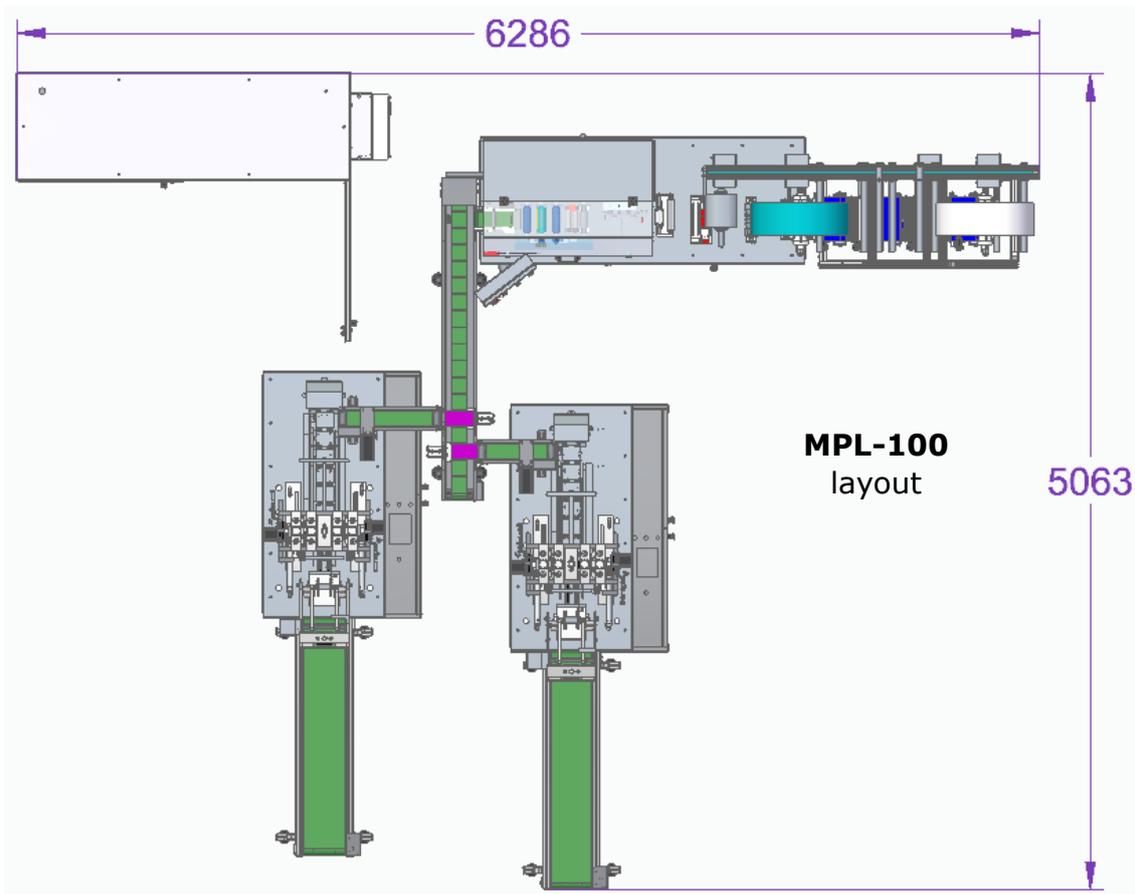
cutting mask

welding ear band

packaging (optional)

Cycle time: 100-120 parts/min





CONFIGURATION:

**FESTO**

**MITSUBISHI**

**EATON**



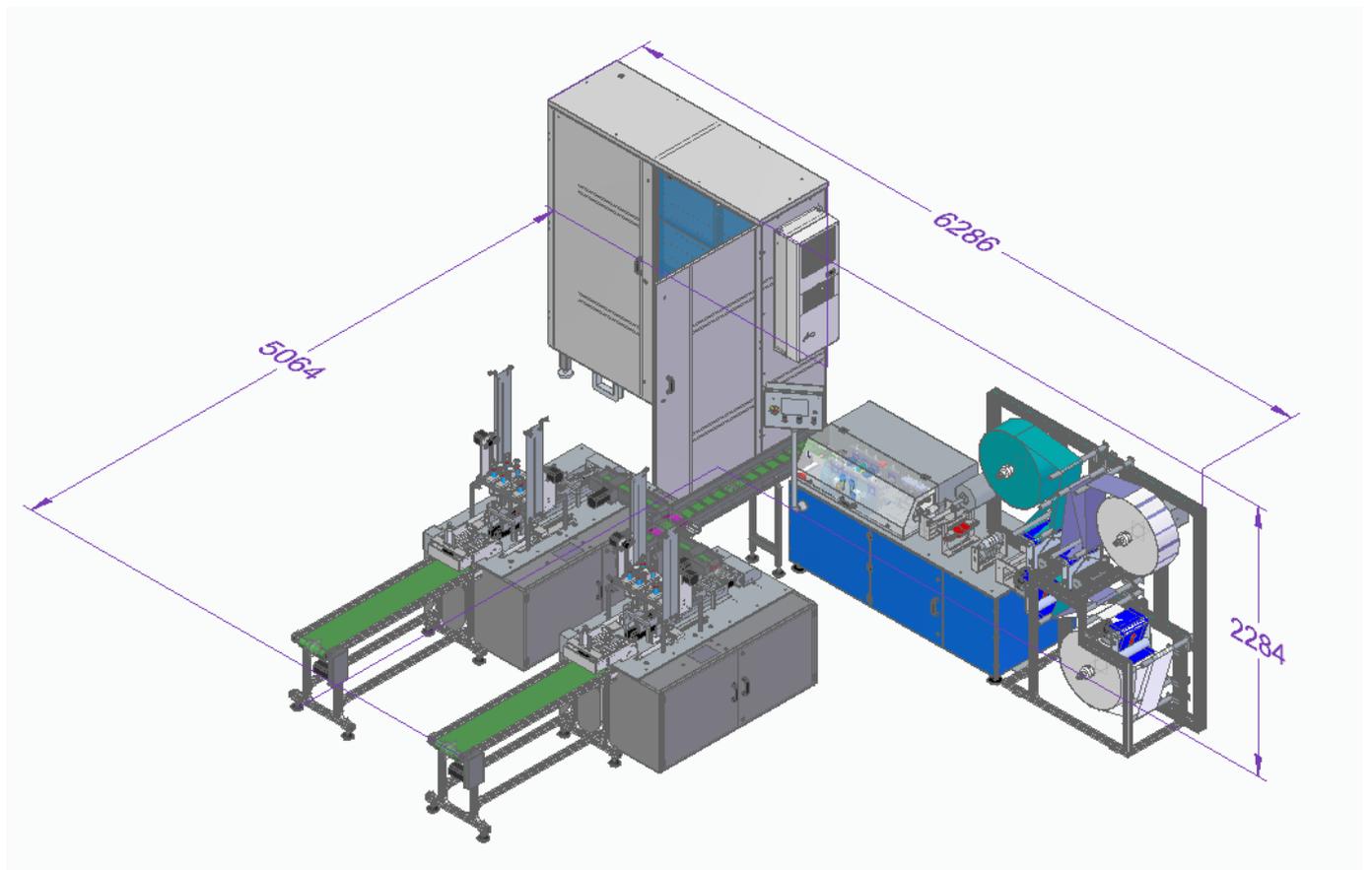
**BALLUFF**

**wenglor**

**Weldmüller**

**PHOENIX CONTACT**

**WEBER  
ULTRASONICS**



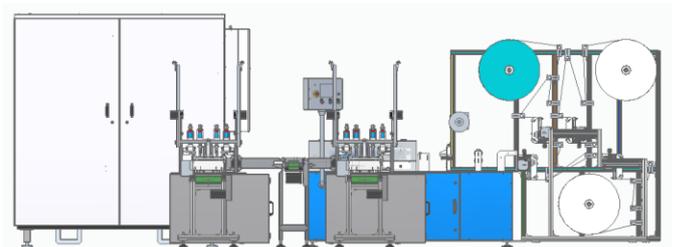
## TECHNICAL DATA SHEET

# 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 x 3,7 in (adult)

#### Efficiency

- 100 - 120 parts/min

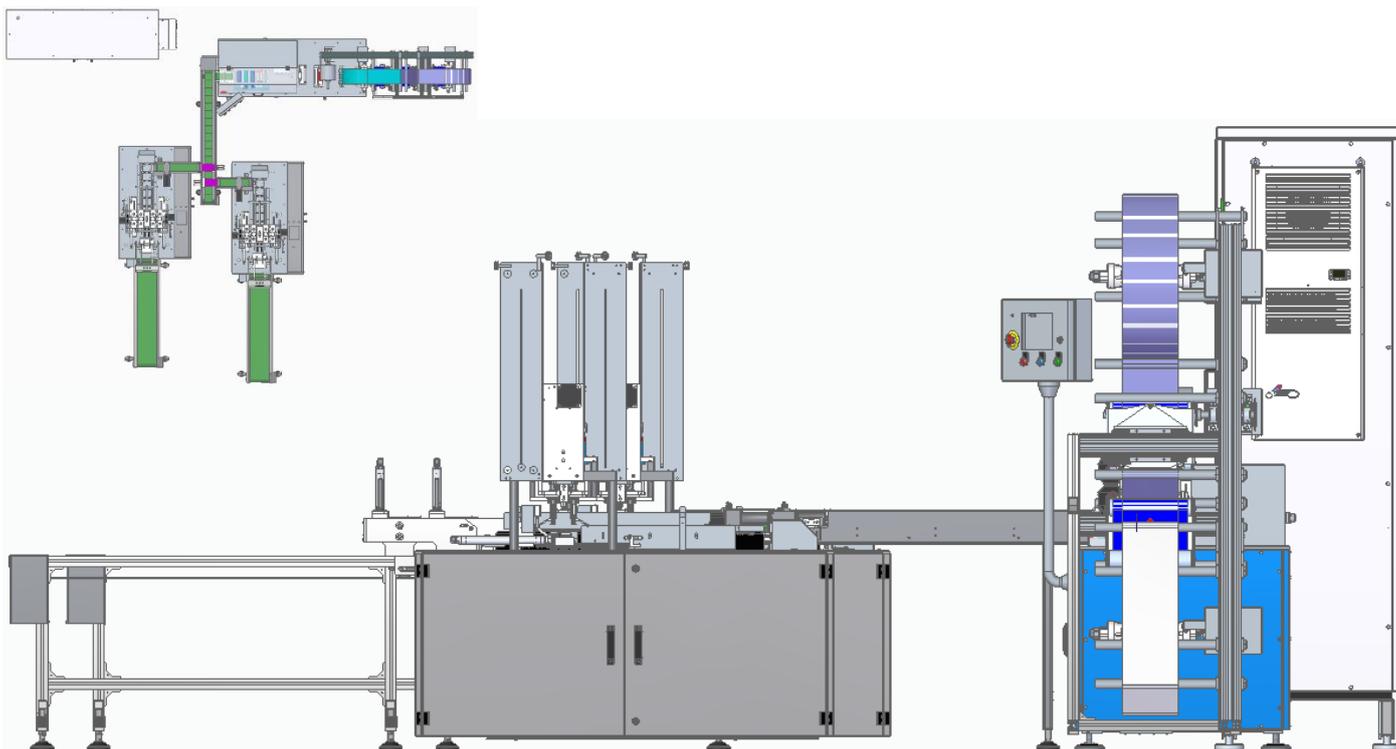
### CONFIGURATION

- 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	6286 × 5063 × 2284 mm
Voltage	220V-50/60 Hz
Air Pressure	8 bar
Power	14 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



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