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 x 3,7 in (adult)
15 × 9 cm | 5,9 x 3,5 in (children)

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

Cycle time: 100-120 parts/min
MPL-100 layout

CONFIGURATION:

FESTO

MITSUBISHI

EATON

AB

BALLUFF

wenglor

Weidmüller

PHOENIX CONTACT

WEBER ULTRASONICS
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, Balluf, 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>MPL-100</td>
</tr>
<tr>
<td>Ultrasonic Frequency</td>
<td>20 KHz</td>
</tr>
<tr>
<td>Machine Size</td>
<td>6620 × 3560 × 2800 mm</td>
</tr>
<tr>
<td>Voltage</td>
<td>220V-50/60 Hz</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>5-7 bar</td>
</tr>
<tr>
<td>Power</td>
<td>9 KW</td>
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<tr>
<td>Weight</td>
<td>1600 kg</td>
</tr>
<tr>
<td>Cycle time</td>
<td>100-120 parts/min</td>
</tr>
</tbody>
</table>

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