



## TECHNICAL DATA SHEET

# FULLY AUTOMATED PRODUCTION LINE FOR PARTIAL FILTERING HALF MASK

The manufacturing process includes coil feeding of the non-wovens, nose clip feeding as well as positioning, ultrasonic roll welding, earband feeding and welding, mask folding, punching, waste discharge and output of the masks into a box. The entire production line uses digital communication, can provide data acquisition, analysis and traceability of the production and a user-friendly interface.

## EQUIPMENT ADVANTAGES

- Short delivery time
- Reliable production concept with low maintenance requirements
- Modular design, simple and safe operation, automatic alarm system
- Integrated intelligent operating system, one-man operation
- Made in Germany/USA
- CE compliant

## PRODUCT SPECIFICATIONS

### Mask type

- partial filtering half mask without valve

### Mask size

- 150mm x 100mm; max. 6-layer

### Output

- 40 parts/min

### Material requirements

- Nonwoven fabric rolls
- Earband
- Nose clip

## CONFIGURATION

- Siemens PLC + Touch system
- Automatic transfer system
- Interface to an automatic packaging unit optional



# TECHNICAL SPECIFICATION FULLY AUTOMATED ASSEMBLY LINE PARTICAL FILTERING HALF MASK

|                      |                               |
|----------------------|-------------------------------|
| Model                | PIA-MPL PFM                   |
| Ultrasonic frequency | 15 KHZ; 20KHZ                 |
| Machine size         | approx. 8800 × 1640 × 2600 mm |
| Operating height     | <=900mm                       |
| Machine weight       | approx. 3000kg                |
| Voltage              | 400V-50 Hz                    |
| Compressed air       | 6 - 8 bar                     |
| Power supply         | 15 KW                         |
| Performance          | 40 parts/min                  |



Technical changes are reserved, dimensions and illustrations are subject to change.

