

# AUTOMATIC ASSEMBLY LINE FOR N95, FFP2 AND FFP3 MASKS

Mondragon Assembly has developed a fully automated production line for N95, FFP2 and PFF3 type face masks production.

## THE MOST ADVANCED PRODUCTION PROCESS



1800 units/hour



Training included

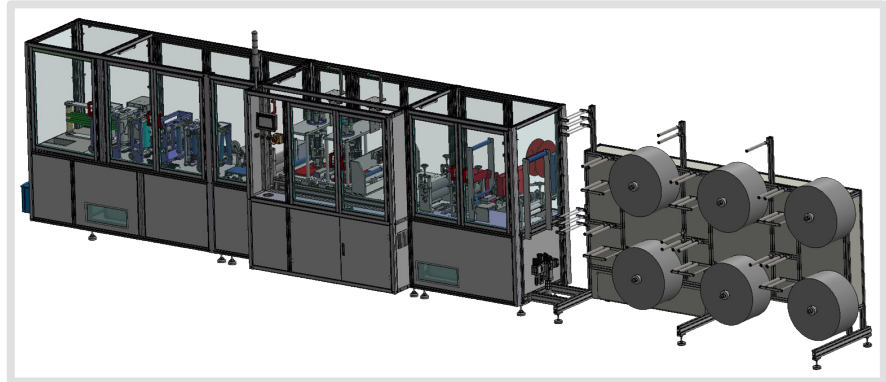


N95

FFP2

FFP3

The manufacturing process includes the feeding of up to 6 layers of different materials, nose strip feeding and welding, mask pattern welding, code printing, earband feeding and welding, mask folding, final shape of mask welding, face mask cutting and final unloading.



## HIGHLIGHTS OF THE ASSEMBLY LINE

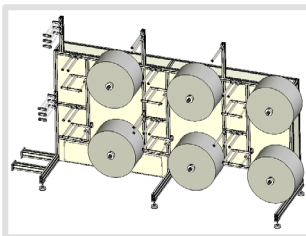
- 6 weeks delivery time
- Set-up in final destination included
- After Sales Service in final destination
- International brands for all elements
- Siemens PLC
- Possibility to integrate a mask packing system
- CE Certified

### TECHNICAL FEATURES

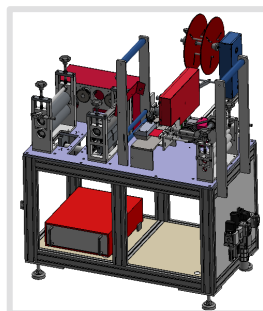
|                   |                                     |
|-------------------|-------------------------------------|
| Production data   | 35 parts/minute, 85% OEE            |
| Machine size      | 9000(L)x1500(W)x2300(H)mm           |
| Weight            | 2000 Kg                             |
| Control           | 24 V CC                             |
| Electrical energy | 220 VAC, 7.5KW, 50Hz                |
| Compressed air    | 300L/min, 5-6 bar, dry and filtered |



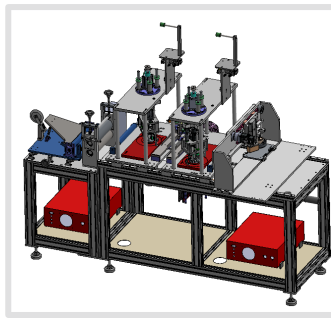
## THE PROCESS DIVIDED INTO FOUR MODULES



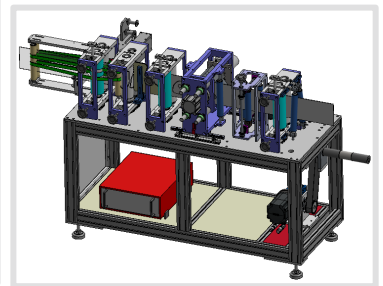
FIBERS FEEDING



NOSE STRIP WELDING  
AND MASK PATTERN  
WELDING



CODE PAD PRINTING,  
FEEDING AND WELDING OF  
EAR STRINGS



MASK FOLDING, FINAL  
WELDING AND CUT

