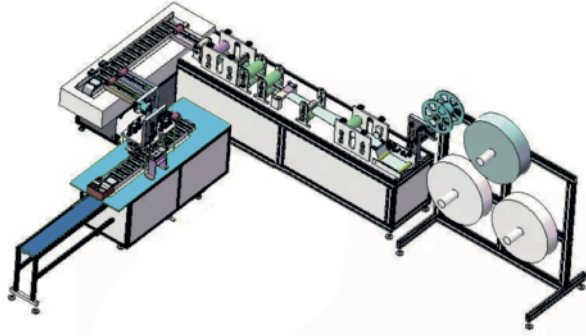


# EFFECİ 5010



## DISPOSABLE NONWOVEN MOUTH & FACE MASK PRODUCTION MACHINE

It is a machine that full automatically produces three-layer mouth masks using Nonwoven SS fabric and Meltblown fabric.

The ultrasonic system is designed on the basis of full-automation.

Produces 80-100 ready-to-wear masks per minute with a single welding robot.

5 ultrasonic units were used in this mask production automat.

The whole process of production of mouth and face masks is carried out with automatically in a serial motion without the touch of human hand.

Two rolls Nonwoven SS fabric is used (attached to the machine as a roll)

One nonwoven Meltblown fabric roll is used (attached to the machine as a roll)

One rubber or plastic-wire roll is used in the machine for wire feeding. (attached to the machine as a roll)

Finished mask size is 175 x 95 mm.

## TECHNICAL PARAMETERS

### SINGLE WELDING-ROBOT MODEL

Electric Power : 220 V 50Hz  
Total Max Power : 7 KW  
Air Pressure : 6 bar  
Weight : 910 kg

## ULTRASONIC DEVICE DETAILS

Best Quality Digital Ultrasonic Units are employed .

20 khz 300 1,5kw Power long Ultrasonic wave or Intermittent wave AC 220V

Noice Stitch Lengh  $\geq$  8 cm

Inside Logic control with Mitsubishi PLC

## MACHINE TECHNICAL SPECIFICATIONS

- Main Control unit is a Siemens-Fatek PLC
- Control Panel is a Windows based, 5.5 inch BEIJER brand Touch Screen
- Power Supply units are OMRON
- All sensors on the machine are SICK-PANASONIC-KITA branded
- All valves are FESTO .
- All pneumatics are SMC and CH branded special units
- On the cutter there is a 1,5 KW Servo Motor control unit
- On All conveyor belts 12 mm Step Motors are used
- All metal surfaces are 304 stainless steel
- All other mechanic devices are 590- 6013 series aluminum pieces made on our own CNC machines
- All metal parts and pieces on its own 5 axis CNC machines in its own Factory in Turkey.
- For operator safety the automat is produced with a protective cage
- Complete design and development engineering of this automat is carried in our house.
- All copyrights are protected