



SEMIAUTOMATIC MOULDING UNIT

TERMOCONFORMADORA SEMIAUTOMÁTICA



Model: **MSA**
35x50

WILSON GLOBAL INVEST offers its MSA semiautomatic thermoforming system to meet the production requirements for medium and short series of thermoformed plastic sheets.

- Can use PS, PVC, PET-G, PE, ABS, etc. with finishes like flocking, metal, embossing...
- PVC and PS sheet rolls up to 1,2 mm thickness. PET-G up to 0,8 mm. Rigid sheets up to 4 mm
- Output depending on materials, thickness and shapes
- Moulding system: by vacuum with mould lifting (and optional plug mould descent)
- Area shrink: with suitable kit
- Mould and plug-mould change: 3 minutes
- Control: through touch screen, with auto/manual functions and 40 storable programs

Its ease of use makes it the best choice for coupling to a blister packer, with welding/cutting by high frequency or heat; also for hydraulic or roller die cutters.

PRODUCCIÓN PROCES

Sheet or film from reel is manually introduced in the thermoforming area. The swinging frame holds the material to the table, the heating chamber advances until it is directly above the sheet/film. Once the material reaches the require temperature the chamber withdraws, mould ascends and plug-mould descends, vacuum being effected through the mould.

The material is shaped and the plug-mould ascends. For cooling the moulded item the unit is fitted with an electrofan and cooled mould supporting plate. When the item is cold, air is blown through the mould for detaching.

The mould descends and the frame frees the thermoformed material, which is then manually removed.

A blade coupled to the chamber cuts the material from the reel.

TÉCNICAL FEATURES

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| - Max. thermoforming area | 350 x 500 mm |
| - Max. thermoforming height in positive | 240 mm |
| - Max. thermoforming height in negative | 130 mm |
| - Installed power | 4,6 kW |
| - Power tension | 400 V 3F+N+TT 50-60Hz |
| - Max. compressed air consumption (6 bar) | 41 NI / cycle |
| - Max. cooling water consumption (approx.) | 2 liter/minute |
| - Heating chamber power | 3,55 kW (adjustable in 6 zones) |
| - Vacuum pump | 20 m ³ /h |
| - Dimensions: | |
| Height | 1,65 (2,63) m |
| Width | 1,72 m |
| Depth | 1,49 m |
| - Weight | 540 kg |

WILSON GLOBAL INVEST, S.L.

Carretera Castellar 539 Pl. Ind. Can Petit 08227 Terrassa (España)

Tel. +34 93 664 57 32 - wilsongi@wilsongi.com - www.wilsongi.com



MAQUINARIA DE TERMOCONFORMADO
Y ENVASADO BLISTER O SKIN-PACK