

KOMPAKT

AUTOMATIC FORM FILL SEAL PACKAGING MACHINE



KOMPAKT vertical form fill sealing machine is an electro-pneumatic machine used in food packaging industry. The machine constructs plastic bags from a flat roll of plastic film. Wide range of products can be bagged using this packaging system.

TECHNICAL DESCRIPTION:

- Strong tubular structure made in stainless or painted steel (RAL 9003)
- n° 1 - Interchangeable stainless steel forming tube
- Motorized pulley belts of 0,37Kw with pneumatic approach to the forming tube (regulable pressure) and universal joints, driven by frequency inverter for control speed, acceleration and deceleration of the packing film
- PLC SIEMENS "S7-1200" with PID temperature controller
- 7 inch panel with LED color widescreen display
- "SMC" pneumatic with progressive starter and electronic pressure switch
- Compressed air tank of 5lt. for a better pneumatic stability
- n° 2 - Horizontal welding jaws of 200mm controlled by thermocouple
- n° 1 - Vertical welding jaws of 300mm controlled by thermocouple
- n° 1 - Stainless steel knife
- Mechanic tensioning system for film
- Manual sliding system for film alignment
- Polycarbonate safety protections with electronic sensor
- Predisposition for any weighers, dosers and infeed systems
- n° 4 - Levelling feets
- CEE electric plant and drawings
- Alarms reported from the HMI

WRAPPING MATERIALS:

- Polypropylene, laminates, triplex, barrier film, polyethylene and all heat sealable materials

TECHNICAL FEATURES:

- Ø forming tube: 40 - 135 (mm)
- Film coil width: 155 - 450 (mm)
- Bag width: 62 - 200 (mm)
- Bag lenght: 0 - 600 (mm)
- Production: 70 packs/min. (max)
- Weight: 250Kg

VERTICAL version:



40° INCLINED version: for fragile products



55° INCLINED version: for very fragile products





User friendly interface:

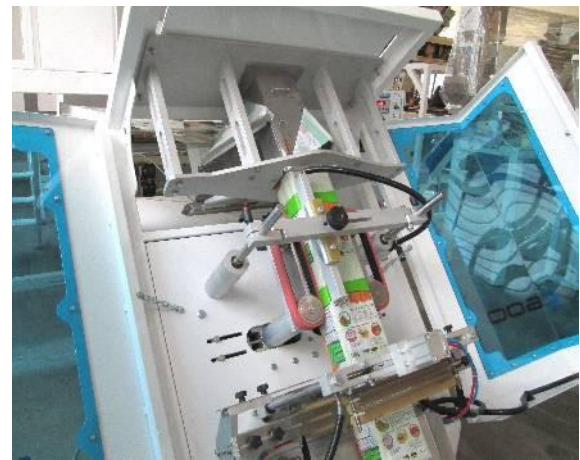
- 7" HMI graphic interface of 65.536 colors and high resolution of 800x480 pixels
- A port to connect keyboards, mouse and printers, including the use of a USB key for data import/export
- Management of pulley motors and temperature parameters
- Alarms and indications about the state of the machine
- Recipes containing the saved parameters
- Multiple language already inserted

Easy maintenance:

- Tool-less operations: Every operator settings is made by knobs, handles and levers, preventing any accidental disassemblies
- Advanced machine designing which allows an easy accessibility in order to reduce the ordinary technical assistance times and costs

Rapid changeover and easy cleaning:

- Changeover is performed in 5min. due to the easy removal of forming set
- The cleaning operations are made only with air and simple cleaners



Modularity:

All machines are equipped with independent cabinet and electrical connector. TECHNO D products are based on a modular construction that gives the possibility to interchange or add any weighers, dosers, infeed systems, accessories and devices, at any time.

The interchangeability is the solution:

- To satisfy the new market requirements
- To provide a quick adaptation for all new production requirements

Reduced dimension:

KOMPAKT series is the machine who best adapts to the customer space limitations and meantime gives the possibility to access to the automatization of the packaging process.



Optionals - Optional



Flat bottom pack
Fondo quadro pneumatico



Creased corners KIT
KIT spigolatori confezione



Pack edge folder
Paletta piegapinna



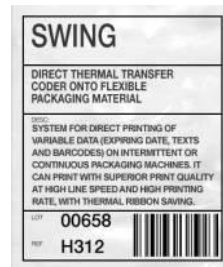
Photocell for print centering
Fotocellula centratura stampa



MAP (Modified atmosphere pack.)
MAP (Atmosfera protettiva)

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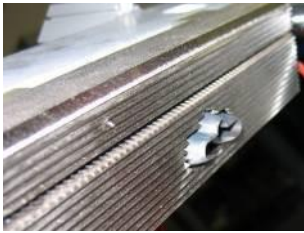
Hot foil printer (3 lines)
Stampatore a caldo (3 righe)



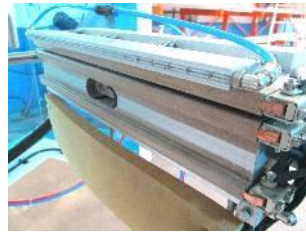
Thermal transfer printer
Trasferimento termico



Anticlogging vibrator
Vibratore antintasamento



"EURO HOLE" punch
Fustella "EURO HOLE»



Impulse sealing
for polyethylene film

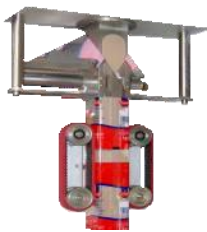
Saldatura a impulso
per polietilene



Axial aspirator
Aspiratore assiale per polveri



Clipping / Twisting system
Clippatrice / Twisteratrice



Additional forming tube
Tubo formatore aggiuntivo



Labelling machine
Etichettatrice automatica



Print & apply machine
Stampa & applica automatica



Coffee valves applicator
Applicatore valvole caffè

Optionals - Optional



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