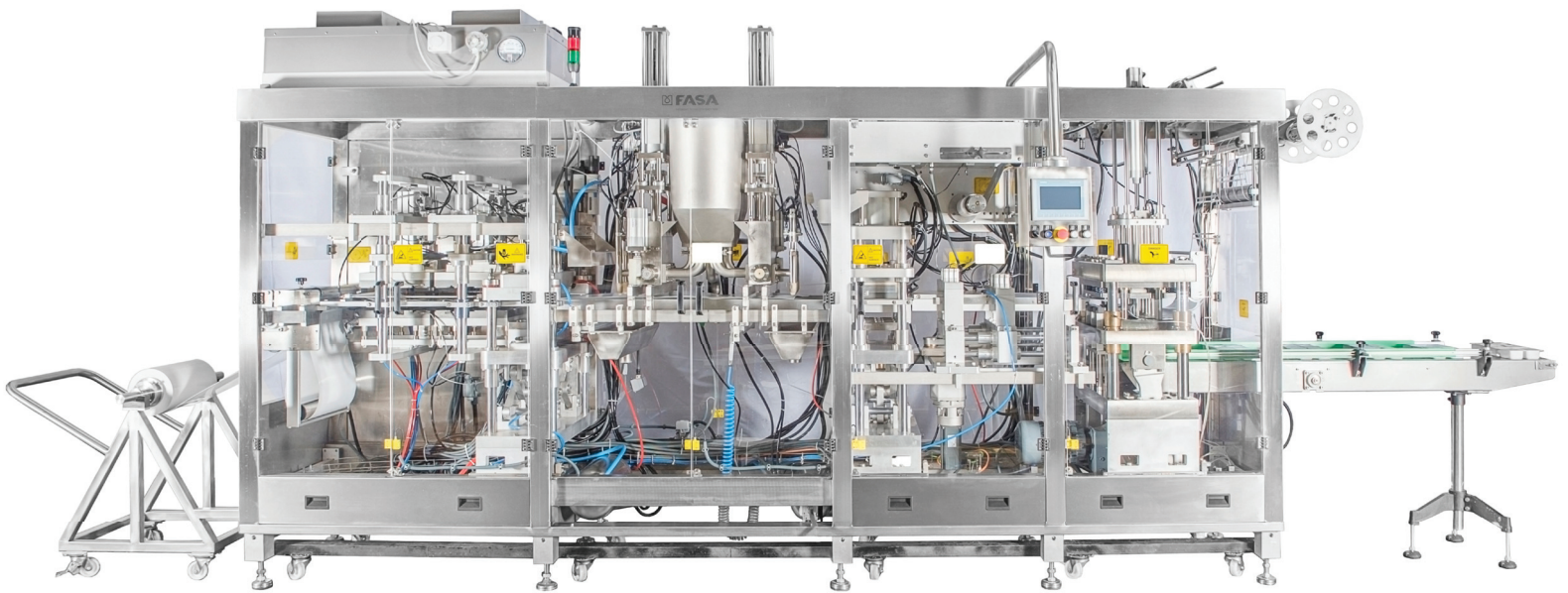
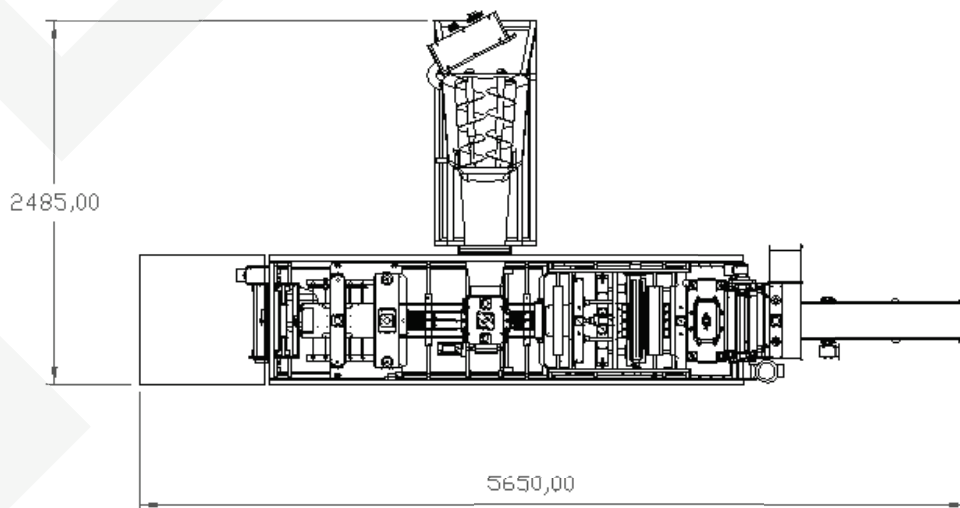


TFM

Thermoforming Machine





TFM main features

- Horizontal automatic thermoforming machine for forming of package, filling the packages with product and sealing the filled packages with laminated aluminum foil.
- Waste collecting system (roll type).
- Stainless steel dosing nozzles.
- Machine safety covers.
- Foil centering device.
- UV lamp.
- Place of marking (data place) – cavity forming on the cup/tub bottom.
- Pre-cut cup/tub corner (optional).
- Perforated cutter (optional).

Thermoforming machine **TFM** is fully automatic packaging machine designed to form cups/tubs, fill them with products as butter, processed cheese, yogurt, etc. and seal the filled cups/tubs with top foil. TFM machine has a wide dosing range and a big variety of packages sizes.

TECHNICAL DATA

Machine type	Form, Fill and Seal (FFS)
Applicable products	butter, margarine, spreads, processed cheese, cream cheese, sour cream, yogurt and other paste products
Productivity, cycles/ min	15
Dosing range, g	10 – 1000 (depends on product, cup/tub regulated by height)
Type of dosing	volumetric
Bottom foil	PS/ PS+PE suitable for thermoforming and heat sealing
Bottom foil thickness, µm	500-900 approx. *depends on cup size
Top foil	AL + PE lacquered, suitable for heat sealing and peeling
Top foil thickness, µm	24 approx.
Bottom foil outer max. diameter, mm	1000
Top foil outer diameter, mm	300
Bottom/ top foil inner diameter, mm	76
Cup/tub closing type	heat sealing
Control	PLC and HMI with Touch Screen
Accuracy, %	1
Productivity regulation	incrementally
Lubrication system	automatic for die cutting unit
Washing mode	manual
Compressed air supply MPa (bar)	0,6 - 0,8 (6-8)
Cooling water requirement	10 - 16 °C refined from minerals, neutral pH, water hardness 0 fixing r ½" consumption approx. 200 l / h (6.500 Kcal/ h)
Rated power input, kVA	42
Voltage, V	230/400 ±10%
Frequency, Hz	50/60
Electricity supply	3 phase
Approx. machine size(LxWxH), mm	5650 x 2500 x 2370 *with hopper
Approx. machine weight, kg	2800