



EXTRUDER

M101

50 LITRE
HOT MELT
EXTRUDER

EMAR
— GLASS —

100



FOR
M101



Mod. **M101**
50 LITRE
HOT MELT BAND EXTRUDER

- Digital adjustment and display of working temperature from 160° C to 200° C
- Electronic regulation of flow rate from zero to 1.0 kg/min via inverter
- Tank composed of single aluminum casting
- Metal alloy pump for greater resistance to overpressure
- Stainless steel, super-thermal resistors without direct contact with the material to be extruded
- Automatic blocking of pump drive in the event of anomalies in the heating system
- Double control in the heating system to avoid cold operation
- Protection against overpressure of the material in the outlet pipe via safety valve
- Gun operating in low safety voltage 48 Vac

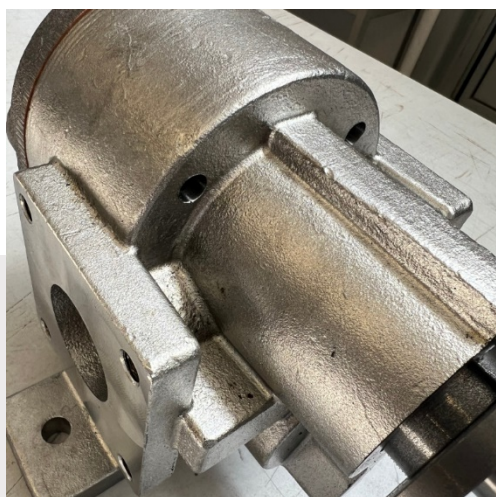
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TECHNICAL SPECIFICATIONS

Power supply	400 Vac 3-phase + neutral 50 Hz
Total consumption	7.5 Kw 400 Vac 50 Hz
Motor Pump	2.2 Kw 400 Vac 3-phase 50 Hz
Hot Melt Tank capacity	Max 50 litres
Tank internal diameter	250 mm
Extruder capacity	From zero up to 0.7 kg/min
Height	Approx 1.300 mm
Length	Approx 700 mm
Width	Approx 1.000 mm
Weight	Approx 350 kg

Protection against access to dangerous parts of the machine according to European regulations.

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SPECIAL ALLOYS

With careful design and the use of particular metal alloys we have obtained a pump resistant to both thermal shock and large pressure.



HIGH POWER

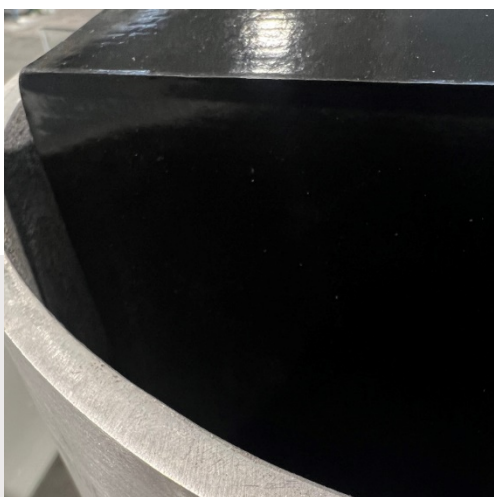
To obtain a high material flow rate, a lot of force is needed to be able to extrude over 1.1 kg of material per minute.



ELECTRONIC CONTROLS

All controls, from separate temperatures for pipe and boiler to flow rate regulation, are completely digital. The pump driven by a motor via a robust reducer is controlled by an inverter to attenuate the start and stop under pressure.

M101



THERMAL STABILITY

Thermal stability is very important to avoid excessively high temperature changes that could carbonize the material. All materials and thicknesses are the result of years of experience which has led to the installation of a monobloc aluminum tank without any welding.



LONG-LASTING RESISTANCE

No resistor comes into direct contact with the material to avoid thermal bridges which could change the thermotechnical characteristics of the material. This type of super-thermal stainless steel resistor guarantees a long life span.



MODULAR COMPONENTS

All extrusion components are independent, from the heating tube to the extrusion gun.



GLASS WORKING EQUIPMENT

www.emarglass.it

