



# PoliMate

## YOUR EPS SOLUTIONS



### Data Sheet

#### Model PM01

Dimensions	Moulding Area (Male Side)	1275x775
	Moving chest stroke	800÷...ON REQUESTED
	Moving chest depth	95
	Stationary chest depth	240
Connections Ø	Steam	DN100 PN16
	Water	1"½
	Air compressed	2" ½
	Main drains	DN100 PN16
	Central vacuum	2"
Pressures (bar)	Vacuum condenser volume	200 lt
	Pressure Filling tank volume	120 lt
	Fillings connections	24
Consumptions	Steam	3,5
	Air compressed	7
	Water	4
	Energy	7 kWh/h
	Steam	120÷140 Kg/h
	Air compressed	50 m³/h
	Water	9 m³/h
	Voltage	380÷400V/50Hz
	Installed Power	12kW

### Standard Features

A compact structure that is free of flexible pipes, stainless steel in parts most susceptible to rust: mould chambers, condenser, pressure filling tank and energy conductors. Polyurethane based paint with anticorrosion treatment. Entirely electromechanical mould displacement.

Unique telescopic pipe to supply energy to moving side (European patent). Steam inlet and drain from lower part of mould (European patent).

Rational installation of energy distribution and valves connected with flanged joints. High performance vacuum condenser. Moulds compatible with most standard machines on the market. Traditional mould change systems with mould clamp frame or motorized transporters. Pneumatic installation with compact electro valve system and filtering group with safety system. Proportional electronic control of steaming pressure, material injection and air ejection, which can be selected from the control panel. Simultaneous display of all parameters and production process times. Pressure warning switches in case of steam lack, air and vacuum line feed.

Touch screen operating panel with auto-diagnosis system that displays errors and their causes. 50 cycle storage. Possible to connect the machine to the company Ethernet network to fully supervise the production process interacting with other systems (database, Visual C++ programmes, etc).