

PRODUCT INFORMATION

iJect touch EP

inJect the easy way...



iJect touch EP

iJect touch is a mobile PLC controlled RTM machine. Its easy user interface based on a Siemens control with 12" colour touch panel allows you to control all functions of your machine. Basic functions like pressure, quantities, e.g. are always displayed. Depending to the chosen options you have access to temperatures, quantities in your material tank(s), vacuum level and more. Injection data can be stored on a stick (optional). The new pump generation is fitted with self-tensioning sealing with low maintenance requirements. The process control ensures repeatable processes and part quality. The automatic flushing system guarants an efficient and resource-saving cleaning.

Video: <https://youtu.be/-8dmqJsTELQ>

Standard:

12" colour touch panel	Siemens PLC	Recipe database
Pressure control	Mould selection	Calibration programme
Flexible combination of piston pumps	Volumetric measurement unit	Automatic flushing system

Options:

3 Components	USB data recording	Heated material tanks
Heated material hoses	Temperature measurement	Automatic injection valves
RFID (optional high temperature transponder)	Network integration and remote access	Press interface
Solvent tank level sensor	Automated dosing ratio adjustment	Flow meter

Technical Data of various configurations

(Subject to technical modifications)

iJect touch EP	70/40	160/40	220/70	440/160	640/160
Power	Compressed Air				
Power Supply	230 V / 400 V (depending to options)				
Max. Air Pressure	6 bar				
Air Consumption	220 l/min				
Capacity per Double Stroke	70 / 40 cc	160 / 40 cc	220 / 70 cc	440 / 160 cc	640 / 160 cc
Max. Output (15 DS, dep. on viscosity)	~ 1.0 kg/min	~ 2.0 kg/min	~ 3.0 kg/min	~ 8.0 kg/min	~ 10.0 kg/min
Catalyst Dosing Ratio	13.6 – 240.2 %	5.9 – 105.1 %	7.6 – 133.8 %	8.6 – 152.9 %	5.9 – 105.1 %



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