

STRATOS-J

AUTOMATIC PET JARS BLOWER

smf
GERMANY



STRATOS - J is a line of biaxial stretch - blow - molding machines of reheat type which can produce high quality large PET jars. Machines are designed for easy operation and simple maintenance. The mechanical operation, which is completely electrical, leaves more time available for stretch - blow - molding process. The electrical stretching gives precision and flexibility to the process and guarantees full repeatability.

KEY BENEFITS

- IDEAL SOLUTION FOR AUTOMATIC PRODUCTION OF PET JARS 5 - 10L
- ORIENTATED JARS ARE FED DIRECTLY TO PLATE CONVEYOR
- LOW ENERGY CONSUMPTION
- BLOWING PRESSURE 25BAR
- SIMPLE, ROBUST MACHINES - NO COMPLICATED HYDRAULICS
- FULLY AUTOMATIC MACHINE WITH USER FRIENDLY INTERFACE
- COMPACT SIZE OF THE INSTALLATION
- FAST MOULD CHANGEOVER



MAIN PARAMETERS

Blowing pressure	25BAR
Bottle size	3.0L - 10.0L
Output	from 1000 JPH up to 1500 JPH
Working air quantity (10BAR)	4.93 m ³ /min
Blowing air quantity (25BAR)	4.92 m ³ /min
Number of cavities	2
Power installed	83kW
Power supply (must be stable)	400V +/- 5%
Mould material	FORTAL
Pneumatics	FESTO

OPTIONAL EQUIPMENT

POWER
Wizard™

- automation of machines operation
- precise regulation of temperature
- reduction of energy costs
- less wasted preforms

PowerWizard™ concept is highly innovative solution designed to ensure a stable temperature of the preforms during reheating process. This system allows to eliminate disruptions resulting from fluctuations of air temperature and power supply voltage. Pyrometric Temperature Controller - PowerWizard™ - precisely and automatically readjusts the amount of heat radiated towards preforms by comparing actual preform temperature and the set value (nominal). Closed loop temperature control guarantees stable quality and protects the production process against environmental disruptions.

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PREFORM 140gr



PREFORM 250gr

