

PET blowers Stratos 10/20

SMFgmbh

The heart of the Stratos machines builds a top-quality, toggle system closing unit which is moved and operated by servo motors (in electric version) which guarantee high speed, precision and repeatability of movements. Linear bearings guarantee smooth movements and longevity of the closing unit. Especially designed bottle ejection system discharges the bottles on a plate conveyor and can be connected directly to the filling line or to an air conveyor. User-friendly touch screen is equipped with graphical interface to heating and blowing parameters, alarms and diagnostic mode. Simple and quick changing of the blowing mould enables production versatility and flexibility. Stretching rod of the closing unit is precisely driven by electric servo motor. Prime brand components are used: Festo, Mitsubishi, Balluff, Hitachi, Toshiba, Coax, Rexroth, Kobold. In standard version Stratos is equipped in PowerWizard™ which ensures a stable temperature of PET preforms during reheating process. PowerWizard™ concept is highly innovative solution designed to ensure a stable heating temperature of PET preforms during reheating process. Pyrometric Temperature Controller - PowerWizard™ - precisely and automatically readjusts the amount of heat radiated towards PET preforms by comparing actual preform temperature and the preset value (nominal temperature). Closed loop temperature control guarantees stable quality of PET perform heating and allows "hands-free" production process. This system allows stable oven conditions without necessity of operator intervention. It is eliminating temperature fluctuations resulting from changes in factory ambient air temperature. It makes the blower more resistant to fluctuations of power supply voltage. **OPTIONAL EQUIPMENT** As optional equipment, SMF offers complete Kaeser two-stage compressor stations - designed especially for SMF PET blowing machines. Components of complete compressor station offered by SMF: * low-pressure screw compressor * low pressure air dryer * mechanical filter and active carbon filter set * low pressure air tank * high pressure air dryer * high pressure mechanical filter and active carbon filter set * high pressure booster * high pressure air tank * booster steering * connecting and security components * water chiller

Having trouble viewing this video? Try downloading the latest version of [Flash](#) [1] or contact your IT department.

If you have a video that you think we should run, send a link to luke.simpson@advantagemedia.com [2].

Source URL (retrieved on 04/19/2015 - 12:58am):

PET blowers Stratos 10/20

Published on Chem.Info (<http://www.chem.info>)

<http://www.chem.info/videos/2010/04/pet-blowers-stratos-10/20>

Links:

[1] <http://get.adobe.com/flashplayer/>

[2] <mailto:luke.simpson@advantagemedia.com>