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PRODUCTS OR MACHINERY

IS-machines for container glass and packaging glass manufacture

High Precision

Mechanism and variable equipment for IS glass forming machines
Plunger Mechanism (OEM)
Individual Cylinders for all Center Distances

Spare Parts
Our product - range includes spare parts and variables for :

IS - AIS - NIS - OIS - Glassforming machines
SG - Single Gob Operation
DG - Double Gob Operation 4 1/4", 5", 5 1/2" , 6", 6 1/4"
TG - Triple Gob Operation 3", 85 mm , 4 1/4"
QG- Quad Gob Operation

High End

Hot end coating systems with lifting device, PLC S7 controlled
Cold end coating, single - and twin axis

High Polish

Mould Polishing machine with PLC

The PLC mould polishing machine is made for efficient polishing of glass moulds for the container glass industry and is available from one up to four stations. The machine will be used to polish glass molds after turning or milling and for mould maintenance. Suitable for any moulds from iron, bronze or steel, it can polish round and shaped cavities with rounded edges.

Naturally the machine complies with all European safety regulations The moulds are clamped on magnetic chucks. Tool and spindle rotate with 5.500 RPM. The rotating spindle itself makes a planetary movement at the interior of the mould cavity and is applied against this cavity. At the same time the spindle moves up and down into the cavity at a slow speed.

The rotating and vertical speeds and the strokes are controlled by a PLC control and allow unlimited numbers of setups for fully automatic grinding and polishing processes. The machine is available with 1, 2 , 3 and 4 sections. All sections can operate individually at the same time.

By the programmable logic controller, countless programs can be saved and loaded. Convenient operation by touch screen without high programming efforts.

High Speed

Cold End Components,
Transport-Systems,
Palletizing Systems

High strength

Thermal Shock - Equipment TP 118 to check strengths of hollow glass containers

The thermal shock test equipment is used to determine the strength of glass containers. The glass containers are exposed to water baths with different temperatures up to 100 °C The machine contains two tubs and a basket, in which the containers are placed. One tub for cold water, the other for hot water with a heating element. Both tubs are equipped with a circulation, which keeps the temperatures homogeneous.

The thermal shock test equipment is controlled by Siemens PLC. Operated by Siemens Control Panel OP7 you can setup preferences and recall it later by push of a button You can select between automatic and manual mode and the convenient user interface will help to start easily with the equipment.
Benefits

Efficient inspection of glass bottle strength
Automated operation of the system
Spacious attachment for variable glass containers
Environment - friendly
Low investment costs

High Motion

Automated Guides Vehicles for various industrial fields
Automotive Industry
Printing Industry
Glass Industry
Warehouses & Logistics

COMPANY BACKGROUND / HISTORY

We grow with your requirements

Close to the production of glass containers on IS machines, further extensive equipments and facilities are needed to conclude the manufacturing process of the containers. Cooling -, refining-, coating- or transportation systems are proven for many years and are sold successfully to our customers, constantly growing with customers' needs.

Our expertise for your success

Design and manufacturing is based on profound skills with more than three decades of experience in the glass container industry. This makes it possible to implement the ideas and individual needs of our customers on highest levels.