POLAR SERIES

Picture: Polar 110 with option ACS

Polar 110

H 270 mm
620 mm
1050 mm

H 270 mm
670 mm
1000 mm

Option 2 x 670 mm seal

Option 2 x 1100 mm seal

H 270 mm
590 mm
1100 mm

H 270 mm
620 mm
1000 mm

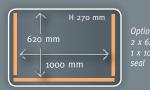Option 2 x 620 mm 1 x 1000 mm seal

- Capacity pump 100 / 160 m3/h
- Machine cycle 15-40 sec.
- Dimensions 880 x 1200 x 1125 mm
- Weight 390/460 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 3,0 - 9,0 KW

Pure Vacuum

FAST AND ROBUST VACUUMPACKAGING MACHINES WITH WORLD WIDE REPUTATION

- Renowned series of stainless steel packaging machines for industrial applications
- Complete range for vacuum and MAP packaging solutions
- Extensive program choices for specific packaging requirements
- User friendly and low maintenance supplied with complete service program
- Hygienic and Intelligent Design
- Fully HACCP compatible

Food products

Industrial Production - Wholesale - Export Packaging
(meat, poultry, fish, cheese, vegetables etc.)

- No contamination or bacteria's multiplication, hence an extended shelf life resulting in:
  - cost savings (larger purchasing orders, efficient cooking time spreading and diminution of products losses)
  - turnover increase (more variation and spread in product range)
- Optimal product and storage hygiene (hermetically sealed)
- No loss of product (prevents drying out, moulds and freeze burn)
- Improved product quality (product maturing in packaging, no loss of aroma)
- Professional product presentation
- Optimal packaging contributes to food safety and HACCP standards

Non-food products

Electronics - Semi-conductors - Metal - Pharmaceutical Products - Textiles - Laboratories etc.

- Moisture free anti-corrosive packaging
- Air and dust-free antistatic packaging
- Volume reducing packaging
- Product protecting and fraud resisting packaging

CE | BUSCH | EDELSTAHL Rost frei | CONTROL IP-65 CLASSIFICATION | 3 YEARS WARRANTY

SPECIFICATIONS

General
- Single and double chamber floor models
- Stainless steel housing
- Stainless steel flat working plate
- Stainless steel lid
- Easily removable silicon holders for cleaning working plate
- Sealing mechanism mounted in lid
- Insert plates for adjusting vacuum chamber height

Packaging functions
- **Vacuum**
  Optimal final vacuum 99,99% (0,1 Mbar)
- **Gas-flush**
  Injecting food-gas for product protection and longer shelf life
- **Soft-air**
  Controlled ventilation for protection of product and packaging

Sealing systems
- **Double Seal**
  2 x 3.5 mm convex sealing wire for optimal moisture elimination (double protection)
- **Trennseal**
  1 x 3.5 mm convex sealing wire + 1 x 1.1 mm round cutting wire / One time setting (cut off remaining flap)
- **1-2 Trennseal**
  1 x 3.5 mm convex sealing wire + 1 x 1.1 mm round cutting wire / Independent time setting (shrink bags)
- **Wide Seal**
  1 x 8.0 mm flat sealing wire
- **Bi-Active Seal**
  Upper and lower sealing bars with 1 x 5.0 mm flat sealing wire (thick and aluminium vacuum bags)

Operational control functions
- **Digital Control**
  Time control / Automatic programming / 10 default programs
- **Sensor Control**
  Set percentage pressure for vacuum and gas functions for accurate and constant packaging results / Automatic programming / 10 default programs / Vacuum plus time
- **Liquid Control**
  Set percentage pressure for vacuum and detect boiling point of the product. For fast cycle and better food protection
- **Advanced Control System**
  Set percentage pressure or mbar/hPa for vacuum and gas function for accurate and constant packaging results / 20 default alphanumeric programs / Vacuum plus time / Sequential vacuum / Secured Operator Access / HACCP track and trace function / LCD full color screen / PC interface / Compatible with label printer

Support control functions
- STOP button for partial/full cycle interrupt
- Digital maintenance program for pump / Operating hours counter / Service indicator programs / Sleeper function etc.

Optional functions / Accessories
- Service kit for standard maintenance
- Special control options for specific applications

■ *Optional*
■ Standard

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