

ORIGINAL  
**HENKELMAN**  
vacuum systems



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Your distributor

'PURE VACUUM'  
STANDS FOR HENKELMAN'S CLEAR DESIGN  
AND HIGH PERFORMANCE  
VACUUM PACKAGING TECHNOLOGY



# HENKELMAN SERIES

## HENKELMAN, PURE VACUUM

Henkelman specialises in the development, production and distribution of state-of-the-art vacuum packaging machines. Our leading position in the field of vacuum technology sets us apart from the competition with the largest and most varied range of solutions for the vacuum packaging of food and other products. This is why companies in all types of sectors across the world choose the reliability of Henkelman.

Our machines are 'Made in Holland'. And you can tell. They combine a tightly crafted and functional design with optimum ease of operation and a long life span. Installation is just a matter of 'plug & pack', and the smart design ensures that hygiene standards are maintained at all times.

You can be sure that your machine will be delivered quickly, thanks to Henkelman's extensive international network of authorised dealers. This network guarantees a high-quality, personalised service and a rapid, efficient response to any questions you may have.

Henkelman, pure for an optimum packaging process...

Pure  
Vacuum



JUMBO  
SERIES



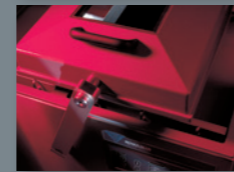
BOXER  
SERIES



LYNX  
SERIES



MARLIN  
SERIES



FALCON  
SERIES



POLAR  
SERIES



TITAN  
SERIES

# POLAR SERIES



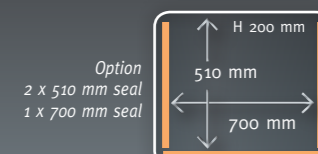
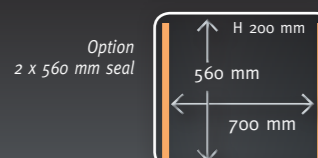
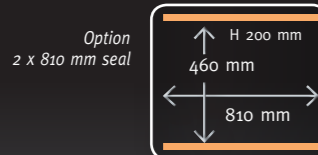
## POLAR FEATURES

- The POLAR series is the top of the range from Henkelman and offers a complete range of industrial stainless steel vacuum packaging machines
- The POLAR machines have a well-designed, solid construction that guarantees efficient, long-term use while achieving an optimal packaging result
- The systems have been developed for industrial applications in a variety of food and non-food production areas. Clear choices for premium stainless steel materials and robust constructions as well as protection against moisture (IP 65) ensure that the machines operate optimally in every environment
- The revolutionary technical design by Henkelman B.V. makes the POLAR machines extremely user friendly
- The unique POLAR spring system ensures that the lids of the large double chamber models are light to operate
- The digital machine programs are easy to run. Program values can be set standard with default programs for quicker and constant operation
- The standard high pump capacities ensure a swift and optimal final vacuum
- The low maintenance hygienic constructions and extensive service program guarantee reliability in operation and low maintenance costs

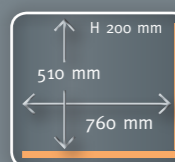




## POLAR 52



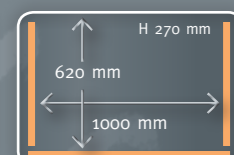
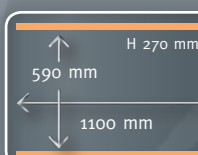
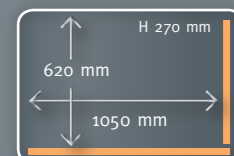
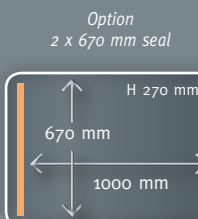
- Capacity pump 063 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 730 x 700 x 1100 mm
- Weight 183 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 2,4 - 3,5 kW



- Capacity pump 100 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 790 x 920 x 1125 mm
- Weight 241 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 3,0 - 5,0 kW

Pure Vacuum

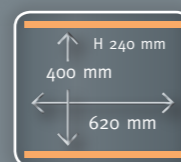
## POLAR 110



- Capacity pump 100 / 160 m<sup>3</sup>/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

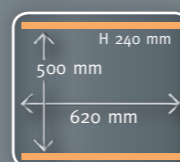
Pure Vacuum

## POLAR 2-40



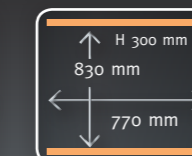
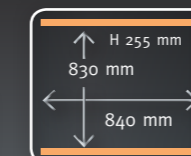
- Capacity pump 063 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 790 x 1545 x 1090 mm
- Weight 310 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 3,3 - 4,5 kW

## POLAR 2-50



- Capacity pump 100 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 900 x 1545 x 1175 mm
- Weight 345 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 3,5 - 5,3 kW

## POLAR 2-85



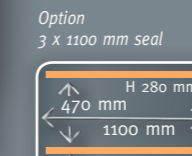
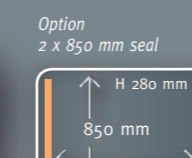
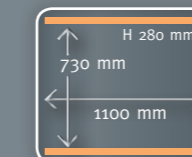
- Capacity pump 300 m<sup>3</sup>/h
- Machine cycle 10-30 sec.
- Dimensions 1230 x 1980 x 1180 mm
- Weight 685 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 7,0 - 9,0 kW

Picture: Polar 2-85 with option ACS

## POLAR 2-95



- Capacity pump 300 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 1210 x 2420 x 1130 mm
- Weight 767 kg
- Voltage 400V-3-50Hz (Other voltages available)
- Power 7,0 - 9,0 kW



# POLAR SERIES

## 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



# 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  
Sentence and printing errors reserved