

ORIGINAL  
**HENKELMAN**  
vacuum systems



ORIGINAL  
**HENKELMAN**  
vacuum systems

Henkelman BV  
PO Box 2117  
5202 CC 's-Hertogenbosch  
The Netherlands  
Tel +31 (0)73 - 621 36 71  
Fax +31 (0)73 - 622 13 18  
info@henkelman.com  
www.henkelman.com

Sous Vide Australia  
PO Box 99  
5a Chris Dr, Lilydale  
Vic 3140 Australia  
Tel +61 3 8560 6360  
info@sousvideaustralia.com  
www.sousvideaustralia.com

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



NATURAL PROTECTION

# 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



MARLIN  
SERIES



FALCON  
SERIES



TOUCAN  
SERIES



POLAR  
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

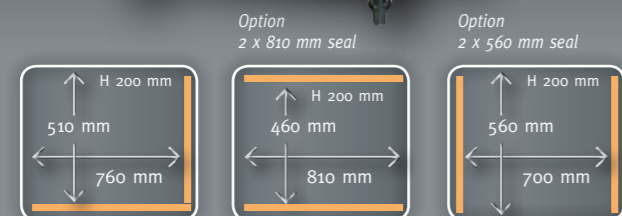


## POLAR 52



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

## POLAR 80



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

## POLAR 2-40



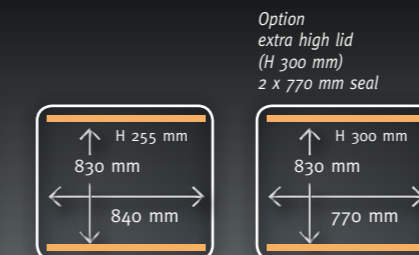
- Capacity pump 063 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 1545 x 790 x 1090 mm
- Weight 310 kg
- Voltage 400V-3-50Hz *Other voltages available*
- Power 3,3 - 4,5 KW

## POLAR 2-50



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

## POLAR 2-85

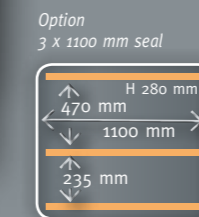
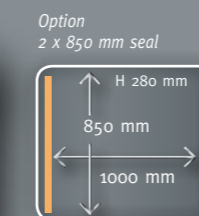
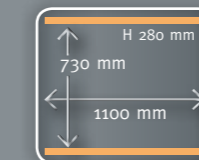


- Capacity pump 300 m<sup>3</sup>/h
- Machine cycle 10-30 sec.
- Dimensions 1980 x 1230 x 1180 mm
- Weight 685 kg
- Voltage 400V-3-50Hz *Other voltages available*
- Power 7,0 - 9,0 KW

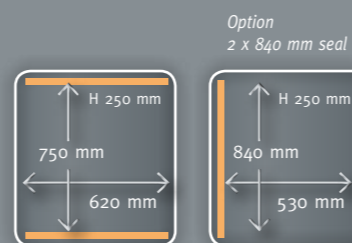
## POLAR 2-95



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



## POLAR 2-75



- Capacity pump 160 m<sup>3</sup>/h
- Machine cycle 15-40 sec.
- Dimensions 1545 x 1150 x 1180 mm
- Weight 537 kg
- Voltage 400V-3-50Hz *Other voltages available*
- Power 5,5 - 9,0 KW

## POLAR SERIES

### FAST AND ROBUST VACUUMPACKAGING MACHINES WITH WORLD WIDE REPUTATION

- Renowned series of stainless steel packaging machines for industrial applications
- Full range for vacuum and MAP packaging options
- Extensive program choices for specific packaging requirements
- Extremely large variety of applications in worldwide industrial productions
- User friendly and low maintenance supplied with complete service program
- Well-balanced constructions and high quality materials guarantee durability

### FOOD PRODUCTS

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

- Longer shelf life / Optimal product and storage hygiene (no contamination, hermetically sealed)
- No loss of product (prevents drying out, moulds and freeze burn)
- Improved product quality (product maturing in packaging, no loss of aroma)
- Cost savings due to longer shelf life (larger purchasing amounts, re-packaging)
- Increased turnover due to longer shelf life (broader market, more variation in product range)
- 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 resistant 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

### SUPPORT CONTROL FUNCTIONS

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

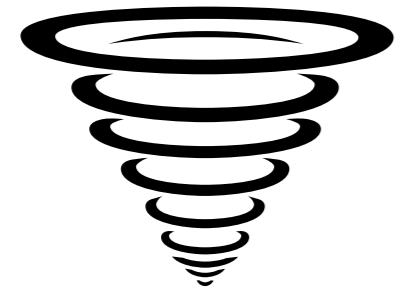
### OPTIONAL FUNCTIONS / ACCESSORIES

- Service kit for standard maintenance
- Special control options for specific applications
- Special machine adaptations for specific products and/or production environments



■ *Optional*  
■ *Standard*  
Sentence and printing errors reserved

Pure Vacuum



Pure  
Vacuum



Pure  
Vacuum