

PROFESSIONAL VACUUM PACKAGING MACHINES

Fit for
non-food
packaging



 ORIGINAL
HENKELMAN
VACUUM SYSTEMS



O R I G I N A L
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HenkelmanVacuum





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**INNO-
VATION**

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Why vacuum pack non-food products?

A vacuum packaging machine has become a common asset in several non-food sectors, especially in electrical, mechanical, medical and financial industries. The choice for the appropriate model depends on the type of product, its size and other characteristics.

1 PROTECTION

A vacuum package ensures an optimal protection against external influences, such as dirt and dust. Furthermore, an airtight package prevents corrosion because moisture is being kept away from the product. These are the most important reasons to vacuum pack valuable, fragile products, such as computer chips, PCB's, watches and important paper documents. Scratches and scrapes are also being prevented, for example during transport. Finally, certain plastics and rubber products are being protected against dehydration by means of an airtight vacuum package.

2 VOLUME REDUCTION

During the vacuum packaging cycle all air is being extracted from the product and the vacuum bag, so the final, vacuum packed result will be more compact than the original product. As a consequence, this results in significant savings on storage and transport. This can be profitable for a wide variety of products, such as cash receipts, money, documents and textile fabrics.

3 OPTIMISATION PRODUCTION PROCESS

Vacuum packing secures the intact status of composed packages. After being sealed, the packages are 100% complete and don't require extra checks during the different production phases. A good example is the package of car parts that are being transported through the different halls during the production process of a car.

4 PREVENT FRAUD

Finally, it's impossible to commit fraud on vacuum packed money, documents and valuable goods. Once being opened, the seal of the secured package has been broken and thus the guarantee of a complete package will expire. In specific cases, Henkelman provides the possibility to print a date and user code in the seal.



#protection
#noscratches #noscrapes
#optimizestorage
#optimizetransport
#nofraud #nocorrosion
#nomoisture #vacuumdry
#nodirt #nodust
#securedbyseal



Advanced Control System (ACS)

It's advanced. It's next generation. It's the future of control. Henkelman's ACS is more than a control system. The Advanced Control System includes unique features, special options and intelligent functions that bring more tools to every professional vacuum packaging process.

STANDARD FEATURES

1 LCD PANEL

- Full color 4.7 inch LCD screen
- Alphanumeric display
- Standard in 5 languages, more languages optional
- Animated packaging cycle
- Current time/date

2 20 PROGRAMS

- Personalized and programmable on a computer
- Product name entry
- Import and export of data

3 STANDARD SENSOR CONTROL

- Detection of the pre-set vacuum percentage in the chamber, listed in mbar, hPa or %

4 SECURE ACCESS

- Multilevel access (distributor, owner, operator) with different user rights
- For safety and security

5 CUSTOM DESIGNED SOFTWARE

- Possibility to integrate a corporate distributor's logo

6 USB CONNECTION

- Upload programs through a USB stick

7 PRINTER COMPATIBILITY

- Direct thermal label printer compatibility to print product name, packing and shelf life date, storage temperature, gas mix

8 HACCP COMPLIANCE

- Possibility to log and export maintenance activities and machine maintenance history
- Accessible on dealer level
- Service data storage

9 SERVICE AND MAINTENANCE

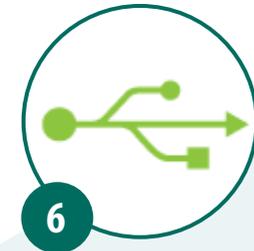
- Detailed oil warning indicator (possibility to shut down, reactivation by distributor is needed)
- Clean pump program with maintenance alarm

10 GATE CHECK/MAINTENANCE ALARM

- Easy diagnostics service tool called Gate Check (at distributor access level). In the control panel you can direct the machine to perform only one of the stages of the vacuum cycle.

11 LIQUID CONTROL

- Prevent liquid or wet products from boiling during the vacuum packaging cycle. As soon as the boiling point is detected, the machine stops extracting the air and starts the sealing of the vacuum bag. Main advantages: no loss of moisture nor weight, protection of both product, pump and vacuum chamber, no dehydration and an optimal cycle time.



Falcon

Unique series of single and double chamber floor models with a stainless steel housing, an aluminium vacuum chamber and an aluminium lid with sight glass. Optimize efficiency and operational profit with these industrial, user friendly and low maintenance vacuum packaging machines.



Falcon



“The elevated contra bar makes the Falcon series the first choice when vacuum packing higher products.”

FALCON 52

Standard



PUMP CAPACITY 63 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
520 x 500 x 235 mm
MACHINE DIMENSIONS
695 x 682 x 1060 mm
SEAL BARS 2 x 520 mm
WEIGHT 163 kg
VOLTAGE 400V-3-50Hz
POWER 1,8 kW

STANDARD

TIME CONTROL, DOUBLE SEAL/
CUT-OFF SEAL/WIDE SEAL (10 MM)

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH
(INCL. PRESSED AIR CONNECTION),
SOFT AIR, 1-2 CUT-OFF SEAL,
BI-ACTIVE SEAL, ESD
CONFIGURATION (IN COMBINATION
WITH BI-ACTIVE SEAL)

FALCON 80

Standard



Standard



Standard



Option



PUMP CAPACITY 100 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
510 x 760 x 235 mm
MACHINE DIMENSIONS
820 x 900 x 1050 mm
SEAL BARS 760 mm (front),
510 mm (right)
WEIGHT 227 kg
VOLTAGE 400V-3-50Hz
POWER 2,3-2,6 KW

STANDARD

TIME CONTROL, DOUBLE SEAL/
CUT-OFF SEAL/WIDE SEAL (10 MM)

OPTIONS

SOFT AIR, SENSOR CONTROL,
LIQUID CONTROL, ACS, GAS FLUSH
(INCL. PRESSED AIR CONNECTION),
1-2 CUT-OFF SEAL, BI-ACTIVE
SEAL, ESD CONFIGURATION (IN
COMBINATION WITH BI-ACTIVE
SEAL), 3RD SEAL BAR

The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Falcon



FALCON 2-60

Standard



PUMP CAPACITY 63 m³/h

MACHINE CYCLE 15-40 sec

CHAMBER DIMENSIONS

580 x 450 x 235 mm

MACHINE DIMENSIONS

900 x 1060 x 1179 mm

SEAL BARS 2 x 450 mm

WEIGHT 236 kg

VOLTAGE 400V-3-50Hz

POWER 1,6-2,1 kW

STANDARD

TIME CONTROL, DOUBLE SEAL/
CUT-OFF SEAL/WIDE SEAL (10 MM)

OPTIONS

SOFT AIR, SENSOR CONTROL,
LIQUID CONTROL, ACS, GAS FLUSH
(INCL. PRESSED AIR CONNECTION),
1-2 CUT-OFF SEAL, BI-ACTIVE SEAL



ELECTROSTATIC DISCHARGE (ESD)

ESD is the abbreviation of electrostatic discharge. When this occurs during the vacuum packing cycle, it can cause damage to the product. Therefore, Henkelman has developed the option ESD technology for the Falcon range and the Boxer 42XL. It is often used for vacuum packing electrical components, such as wafers, chips, motherboards and prints. Ensure maximal ESD security and use special ESD vacuum bags in combination with a vacuum packaging machine equipped with ESD technology.

FALCON 2-70

Standard



PUMP CAPACITY 100 m³/h

MACHINE CYCLE 15-40 sec

CHAMBER DIMENSIONS

700 x 550 x 235 mm

MACHINE DIMENSIONS

1020 x 1260 x 1185 mm

SEAL BARS 2 x 550 mm

WEIGHT 319 kg

VOLTAGE 400V-3-50Hz

POWER 2,3-2,9 kW

STANDARD

TIME CONTROL, DOUBLE SEAL/
CUT-OFF SEAL/WIDE SEAL (10 MM)

OPTIONS

SOFT AIR, SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH
(INCL. PRESSED AIR CONNECTION),
1-2 CUT-OFF SEAL, BI-ACTIVE SEAL

The chamber dimensions listed refer to the usable space in the vacuum chamber (length x width x height). The machine dimensions listed refer to length x width x height. Other voltages available. Exact and printing errors reserved.

Vacuum packaging cycle

Vacuum packaging is an efficient way to protect non-food products against external elements, such as dirt, dust, moist and dehydration. The vacuum packaging cycle has 4 steps.



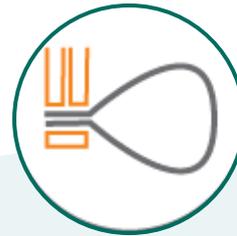
1 EXTRACTION OF AIR

The air is extracted from the product, the bag and the chamber up until the pre-set time or vacuum percentage has been reached or the boiling point has been detected.



2 GAS FLUSH (OPTION)

Also called Modified Atmospheric Packaging or MAP. Adding a gas offers extra protection and prevents the product from coloring. It's usually a gas mixture.



3 SEAL

The right seal system protects products effectively against external elements. Depending on the type and thickness of the vacuum pouch, and your packaging needs.



4 AERATION

Once the bag has been sealed, the air is brought back into the chamber. As soon as the pressure in the chamber equals the pressure outside, the lid opens.

#optimalendvacuum
#vacuumpackaging
#vacuumchamber

Boxer

Fully equipped, complete series to vacuum pack many different products of all shapes and dimensions. Boxer table-top models ensure an easy and secure vacuum packaging process. With the unique possibility to store your settings in the 10-program memory, standard on every Boxer table-top model.



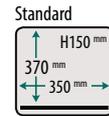
Boxer



KER 42

“Nothing comes close to the reliability and ease of use of Henkelman’s Boxer series.”

BOXER 30/35



PUMP CAPACITY

8 m³/h (B30), 16 m³/h (B35)

MACHINE CYCLE

25-45 sec (B30), 15-35 sec (B35)

CHAMBER DIMENSIONS

370 x 350 x 150 mm

MACHINE DIMENSIONS

551 x 450 x 367 mm (B30)

550 x 450 x 405 mm (B35)

SEAL BAR 350 mm

WEIGHT 46 kg (B30), 52 kg (B35)

VOLTAGE 230V-1-50Hz

POWER 0,4 kW (B30),

0,6 kW (B35)

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8 MM), SOFT AIR

OPTIONS

SENSOR CONTROL,
LIQUID CONTROL, ACS,
GAS FLUSH, 1-2 CUT-OFF SEAL

BOXER 42



Optional: ACS
with label printer

PUMP CAPACITY 21 m³/h

MACHINE CYCLE 15-35 sec

CHAMBER DIMENSIONS

370 x 420 x 180 mm

MACHINE DIMENSIONS

530 x 490 x 440 mm (B42)

530 x 490 x 470 mm (B42 II)

SEAL BAR 420 mm

WEIGHT 64 kg

VOLTAGE 230V-1-50Hz

POWER 0,8 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8 MM), SOFT AIR

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH,
1-2 CUT-OFF SEAL, 2ND SEAL BAR

The machine dimensions listed refer to the usable space in the vacuum chamber (length x width x height).
The chamber dimensions listed refer to the usable space in the vacuum chamber (length x width x height).
Other voltagages available. Textual and printing errors reserved.

Boxer



BOXER 42XL

Standard



Option



PUMP CAPACITY 21 m³/h
MACHINE CYCLE 15-35 sec
CHAMBER DIMENSIONS
 460 x 420 x 180 mm
MACHINE DIMENSIONS
 615 x 490 x 440 mm
SEAL BAR 420 mm
WEIGHT 72 kg
VOLTAGE 230V-1-50Hz
POWER 0,8 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
 WIDE SEAL (8 MM), SOFT AIR

OPTIONS

SENSOR CONTROL, LIQUID
 CONTROL, ACS, GAS FLUSH,
 1-2 CUT-OFF SEAL, 2ND SEAL BAR

BOXER 42XL BI-ACTIVE/ESD

Standard



With ESD option

PUMP CAPACITY 21 m³/h
MACHINE CYCLE 15-35 sec
CHAMBER DIMENSIONS
 460 x 420 x 120 mm
MACHINE DIMENSIONS
 620 x 490 x 450 mm
SEAL BAR 420 mm
WEIGHT 72 kg
VOLTAGE 230V-1-50Hz
POWER 0,8 kW

STANDARD

TIME CONTROL, BI-ACTIVE SEAL,
 SOFT AIR

OPTIONS

SENSOR CONTROL, LIQUID
 CONTROL, GAS FLUSH, ACS, ESD
 (ONLY FOR NON-FOOD)

BOXER 52/62

B52 Standard



B62 Standard



With ACS

PUMP CAPACITY 21 m³/h
MACHINE CYCLE 15-35 sec
CHAMBER DIMENSIONS
 410 x 520 x 180 mm (B52)
 360 x 620 x 180 mm (B62)
MACHINE DIMENSIONS
 530 x 700 x 440 mm
SEAL BAR 410 mm (B52),
 620 mm (B62)
WEIGHT 81 kg
VOLTAGE 230V-1-50Hz
POWER 0,8 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
 WIDE SEAL (8 MM), SOFT AIR

OPTIONS

SENSOR CONTROL, LIQUID
 CONTROL, ACS, GAS FLUSH,
 1-2 CUT-OFF SEAL

The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Control systems

Control of the vacuum packaging cycle is crucial to obtain an optimal and deep end vacuum. Henkelman technology enables you to control the vacuum packaging cycle in three different ways.



TIME CONTROL

Set the time of the vacuum packaging cycle and the machine stops extracting air as soon as the pre-set time has been reached. Perfect for your basic but professional packaging needs.



SENSOR CONTROL

Do you prefer the machine detecting a certain level of end vacuum in the chamber? With sensor control the cycle ends as soon as the pre-set vacuum percentage has been reached.



LIQUID CONTROL

Wet and liquid products quickly reach their boiling point during the vacuum packaging cycle. Reducing the container pressure below atmospheric pressure causes fluids to boil at room temperature. The Liquid control sensor detects the evaporation of the liquid product. The machine stops extracting the air and starts the sealing of the pouch to prevent damage to product and machine.



1 PROGRAM PANEL

- 1 program
- Standard Time control



DIGITAL CONTROL

- 10 program memory
- Standard Time control
- Options: Sensor control, Liquid control



ADVANCED CONTROL

- Advanced Control System (ACS)
- 20 program memory
- Standard Sensor control
- Option: Liquid Control

NEW



EASY INTERFACE

- 3 program memory
- Standard Sensor control
- Service alarm
- Standard soft air and red meat program
- Option: Liquid control
- Only available on Aero

Polar

Complete range of single and double chamber equipment for MAP and vacuum packaging. Stainless steel series with a flat work plate and extensive program and option possibilities, such as the automatic lid and the heavy duty seal system. Polar represents reliable, user friendly and low maintenance models.



Polar



“Robust and durable series that ensure premier quality for optimal packaging efficiency.”

POLAR 52

Standard



PUMP CAPACITY 63 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 520 x 500 x 200 mm
MACHINE DIMENSIONS
 785 x 700 x 1100 mm
SEAL BARS 2 x 520 mm
WEIGHT 183 kg
VOLTAGE 400V-3-50Hz
POWER 1,8 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
 WIDE SEAL (10 MM), SOFT AIR

OPTIONS

SENSOR CONTROL, LIQUID CONTROL, ACS, GAS FLUSH (INCL PRESSED AIR CONNECTION), 1-2 CUT-OFF SEAL, BI-ACTIVE SEAL, PREPARATION FOR EXTERNAL PUMP

POLAR 80

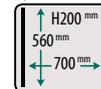
Standard



Option



Option



Option



PUMP CAPACITY 100 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 510 x 760 x 200 mm
MACHINE DIMENSIONS
 790 x 900 x 1100 mm
SEAL BARS 810 mm (front),
 510 mm (right)
WEIGHT 241 kg
VOLTAGE 400V-3-50Hz
POWER 2,3-2,7 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
 WIDE SEAL (10 MM), SOFT AIR,
 2 SEAL BARS

OPTIONS

SENSOR CONTROL, LIQUID CONTROL, ACS, GAS FLUSH, 1-2 CUT-OFF SEAL, BI-ACTIVE SEAL, PREPARATION FOR EXTERNAL PUMP, 3RD SEAL BAR, EXTRA HIGH CONTRA BARS

The machine dimensions listed refer to the usable space in the vacuum chamber (length x width x height). Other voltages available. Textual and printing errors reserved.

Polar

POLAR 110

Standard



Option



Option



Option



The hygienic construction ensures reliability in operation and low maintenance costs.

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (10 MM), SOFT AIR,
2 SEAL BARS

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH,
1-2 CUT-OFF SEAL, BI-ACTIVE SEAL,
300 M³ PUMP, PREPARATION FOR
EXTERNAL PUMP, 3RD SEAL BAR,
HEATING ELEMENT FOR VACUUM
VALVE

PUMP CAPACITY 160 m³/h

MACHINE CYCLE 15-40 sec

CHAMBER DIMENSIONS

620 x 1050 x 280 mm

MACHINE DIMENSIONS

990 x 1200 x 1150 mm

SEAL BARS

1100 mm (front), 620 mm (right)

WEIGHT 390 kg

VOLTAGE 400V-3-50Hz

POWER 2,3-5,6 kW

POLAR 2-40/2-50

Standard P2-40



Standard P2-50



PUMP CAPACITY

63 m³/h (P2-40) 100 m³/h (P2-50)

MACHINE CYCLE 15-40 sec

CHAMBER DIMENSIONS

400 x 620 x 240 mm (P2-40)

500 x 620 x 240 mm (P2-50)

MACHINE DIMENSIONS

820 x 1490 x 1345 mm (P2-40)

920 x 1480 x 1325 mm (P2-50)

SEAL BARS

2 x 620 mm (P2-40/P2-50)

WEIGHT 310 kg (P2-40)

345 kg (P2-50)

VOLTAGE 400V-3-50Hz

POWER 2,1-3,0 kW (P2-40)

2,6-3,5 kW (P2-50)

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (10 MM), SOFT AIR,
2 SEAL BARS

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH,
1-2 CUT-OFF SEAL, BI-ACTIVE
SEAL, EXTRA SEAL CAPACITY,
PREPARATION FOR EXTERNAL
PUMP

The machine dimensions listed refer to the usable space in the vacuum chamber (length x width x height). Other voltages available. Textual and printing errors reserved.



POLAR 2-75

Standard



Option



STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (10 MM), SOFT AIR,
2 SEAL BARS

PUMP CAPACITY 160 m³/h
MACHINE CYCLE 15–40 sec
CHAMBER DIMENSIONS

750 x 620 x 250 mm
(2 seal bars – front, back)

MACHINE DIMENSIONS
1205 x 1485 x 1340 mm

SEAL BARS 2 x 620 mm

WEIGHT 537 kg

VOLTAGE 400V–3–50Hz

POWER 4,0–4,4 kW

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH,
1–2 CUT-OFF SEAL, BI-ACTIVE
SEAL, EXTRA SEAL CAPACITY,
300 M3 PUMP, PREPARATION
FOR EXTERNAL PUMP, HEATING
ELEMENT FOR VACUUM VALVE



POLAR 2-85/2-95



OPTION
Automatic lid
See page 18

PUMP CAPACITY 300 m³/h

MACHINE CYCLE 10–30 sec
(P2-85) 15–40 sec (P2-95)

CHAMBER DIMENSIONS

830 x 840 x 255 (P2-85)

730 x 1100 x 280 mm (P2-95)

MACHINE DIMENSIONS

1295 x 1900 x 1450 mm

1215 x 2420 x 1595 mm

SEAL BARS 2 x 840 mm (P2-85)

2 x 1100 mm (P2-95)

WEIGHT 685 kg (P2-85)

767 kg (P2-95)

VOLTAGE 400V–3–50Hz

POWER 5,5–6,0 kW (P2-85)

5,5–7,8 kW (P2-95)

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (10 MM), SOFT AIR,
2 SEAL BARS

OPTIONS

SENSOR CONTROL, LIQUID
CONTROL, ACS, GAS FLUSH,
1–2 CUT-OFF SEAL, BI-ACTIVE
SEAL, AUTOMATIC LID, 3RD SEAL
BAR, 4TH SEAL BAR (ONLY P2-95),
EXTRA HIGH LID (P2-85), EXTRA
SEAL CAPACITY, PREPARATION
FOR EXTERNAL PUMP, HEATING
ELEMENT FOR VACUUM VALVE

Standard P2-95



Standard P2-85



Option P2-95



Option P2-85



Option P2-95



The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Automatic lid

Henkelman has integrated its automatic lid in the Polar double chamber models 2-85 and 2-95. This advanced option includes a foot pedal to enable semi-automatic operation. Perfect for the industrial packaging of both food and non-food products. The automatic lid is only available on new models.

IMPROVED ERGONOMICS

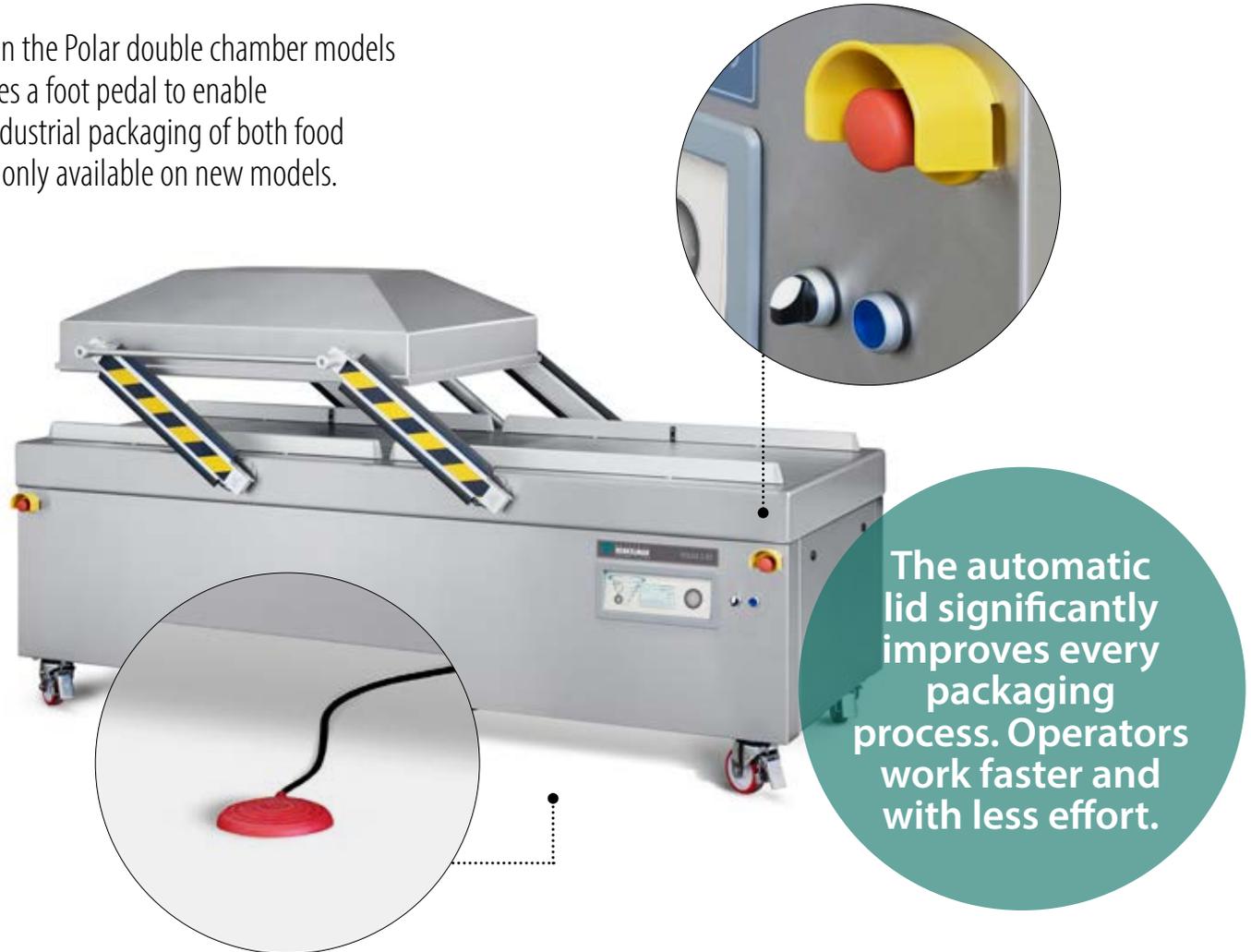
Operators experience a huge ergonomic advantage with the automatic lid. Less weight has to be lifted, which improves the working conditions of individual operators and reduces sick leave.

OPERATIONAL ADVANTAGE

From an operational perspective, preset packaging cycle times guarantee a constant and high production output. The automatic lid contributes to a more productive workforce.

GUARANTEED SAFETY

The automatic lid is equipped with a sensor that activates the emergency stop in case of entrapment. This guarantees the highest protection levels during the complete vacuum packaging process.



Seal systems

After completion of the vacuum packaging cycle and the possible adding of a gas, the bag is ready to be sealed. The right seal solution protects your products effectively against external elements.



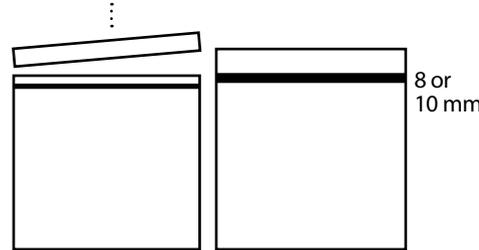
**HENKELMAN'S
STANDARD**

DOUBLE SEAL

Double seal is Henkelman's standard. It consists of two 3.5 mm convex seal wires, especially suitable for basic sealing needs. For every application in every branche, from hospitality to the vacuum packaging of both food and non-food.

CUT-OFF SEAL

Henkelman's Cut-off seal system consists of one 3.5 mm convex seal wire and one 1.1 mm round cutting wire. So you can easily tear off the residual plastic bag. Henkelman's Cut-off seal technology is available for free on all models.



WIDE SEAL

Certain types of vacuum bags have been pre-sealed on three sides. For a more professional result, the seal on the remaining side, to be sealed by the vacuum packaging machine, equals the width of the other three pre-seals. Standard: 8 or 10 mm, depending on the model.



1-2 CUT-OFF SEAL

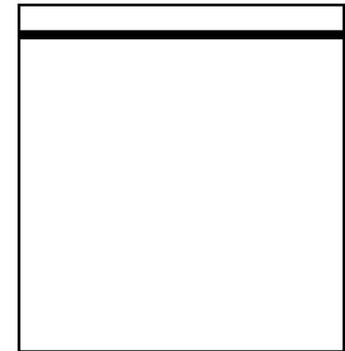
This seal system has one 3.5 mm convex seal wire and one 1.1 mm round cutting wire. The only difference with Cut-off seal is the possibility to adjust the time settings of the seal and cutting wire separately.

#Shrinkbags

Shrink bags in general and some vacuum pouches are made of very resistant but thin foil. Henkelman specifically developed this seal system for the easy removal of the rest foil of shrink and thicker bags.

BI-ACTIVE SEAL

Bi-active seal is used when vacuum packing aluminium or thicker bags. This seal system has seal bars on both the inside of the lid and on the front of the vacuum chamber, so the vacuum bag is sealed from both sides of the bag. ESD machines must be equipped with Bi-active seal.



CONVEX SEAL WIRES

Henkelman works with convex seal for its Double seal, Cut-off seal and 1-2 Cut-off seal. This ensures the food residue being pressed out from between the foils of the bag during the sealing proces. Flat wires, that are the standard in the worldwide market of vacuum packing technology, smash the food residu between the foils of the bags. This increases the risk of leakage. Henkelman's convex seal wire technology empowers a much stronger seal resistance thanks to the easy separation of the food residu.

Aero

With its new Aero line Henkelman brings innovative, robust machines with a slick design. Easy control interface. 3 adjustable setting programs. Precise vacuum settings with sensor pressure control. Standard soft-air. Faster Packing Cycle and a Service alarm.

“The Easy control interface with 3 adjustable setting programs is standard equipped with sensor control. Liquid control is available as an option.”

AERO

1v 000v

Aero



AERO 35/AERO 35+

Standard



PUMP CAPACITY 8 m³/h (A35),
16 m³/h (A35+)

MACHINE CYCLE 20-40 sec
(A35), 15-35 sec (A35+)

CHAMBER DIMENSIONS
370 x 350 x 150 mm

MACHINE DIMENSIONS
543 x 451 x 454 mm

SEAL BAR 350 mm

WEIGHT 36 kg (A35), 41 kg (A35+)

VOLTAGE 230V-1-50Hz

POWER 0,4 kW (A35),
0,6 kW (A35+)

STANDARD
EASY INTERFACE WITH SENSOR
CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8MM), SOFT AIR

OPTIONS
LIQUID CONTROL

AERO 42/AERO 42+

Standard



PUMP CAPACITY 16 m³/h (A42),
21 m³/h (A42+)

MACHINE CYCLE 20-40 sec
(A42), 15-35 sec (A42+)

CHAMBER DIMENSIONS
370 x 420 x 180 mm

MACHINE DIMENSIONS
523 x 491 x 454 mm

SEAL BAR 420 mm

WEIGHT 57 kg (A42), 61 kg (A42+)

VOLTAGE 230V-1-50Hz

POWER 0,6 kW (A42),
0,8 kW (A42+)

STANDARD
EASY INTERFACE WITH SENSOR
CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8MM), SOFT AIR

OPTIONS
LIQUID CONTROL

AERO 42XL/AERO XL+

Standard



Option



Option 2nd seal bar

PUMP CAPACITY 16 m³/h
(A42XL), 21 m³/h (A42XL+)

MACHINE CYCLE 20-40 sec
(A42XL), 15-35 sec (A42XL+)

CHAMBER DIMENSIONS
460 x 420 x 180 mm

MACHINE DIMENSIONS
613 x 491 x 469 mm

SEAL BAR 420 mm

WEIGHT 68 kg (A42XL),
72 kg (A42XL+)

VOLTAGE 230V-1-50Hz

POWER 0,6 kW (A42XL),
0,8 kW (A42XL+)

STANDARD
EASY INTERFACE WITH SENSOR
CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8MM), SOFT AIR

OPTIONS
LIQUID CONTROL, 2ND SEAL BAR

The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Heavy duty technology

Henkelman provides specific solutions for heavy duty industrial packaging processes. These solutions enable operators to work up to 20 hours a day in different shifts with high quality materials, the best available in the field of vacuum packaging technology.

DOUBLE SEAL CAPACITY

Double seal capacity involves extra transformer capacity for a constant operational output during a longer period of time. Because heavy duty processing requires heavy duty solutions...

PATENTED



HEAVY DUTY SEAL BAR WITH ALUMINIUM END BLOCKS

The smart construction and robust materials of these heavy duty seal bar with aluminium end blocks ensure an efficient vacuum packaging process under the most extreme conditions.

NEW BUSCH VACUUM PUMP

This innovation belongs to the Busch product family of proven R 5 rotary vane vacuum pumps, specifically designed for use in Heavy duty vacuum packaging machines and fast packaging cycles. Main advantages: energy-efficiency, reduction of heat emission, optimized heat direction, easy cleaning, robust construction and a proven performance.



Gas & Aeration

EXAMPLES

Gas flush &
Soft Air

GAS FLUSH

Prior to the seal phase, adding a gas or nitrogen is a possibility. Henkelman vacuum packaging machines can be equipped with the option Gas flush. This technique is called Modified Atmosphere Packaging, or MAP.

WHY INJECT A GAS?

Injecting a gas increases the product's shelf life, gives extra protection and prevents the product from colouring. Usually, a mixture of nitrogen (N₂) and carbon dioxide (CO₂) is used. Dioxygen (O₂) can also be added to this combination. The use of argon (Ar) has been increasing, as this contains the same properties as nitrogen (N₂).

GAS MIXTURES

It depends on the product which gas mix is most suitable. Your supplier can inform you best which is the optimum composition for your application. A special oxygen (O₂) pump is available for gas mixtures of more than 20% dioxygen (O₂). Please contact us with your inquiries related to Gas flush.

AERATION

Once the vacuum packaging cycle has been completed and the vacuum bag has been sealed, air is let into the chamber through the aeration valve. As soon as the atmospheric pressure inside equals the pressure outside the chamber, the lid opens. This works through normal aeration and aeration with the Soft Air function. Soft Air is a standard and free option on all Henkelman machines, except the Jumbo, Falcon and Atmoz models.

SOFT AIR

Using Soft Air, the air is gradually and gently returned into the chamber. This gradual process is based on the pre-set time. In a controlled way, the vacuum bag envelopes the product. For optimal protection of both product and vacuum bag. Soft Air is particularly suitable for the vacuum packing of powders and products with sharp edges.



Printed circuit board (PCB)

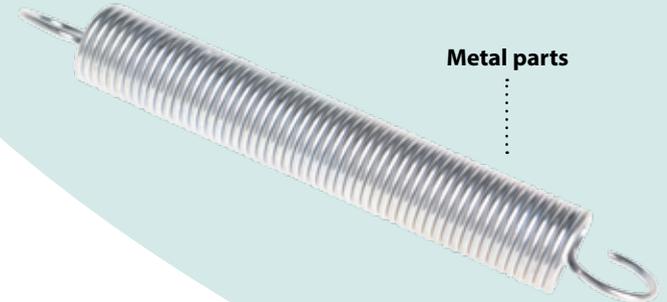
Powder



Dental prosthesis



Metal parts



Titaan

A close-up photograph of industrial machinery. The image shows a dark grey or black metal frame with a prominent blue panel on the right side. In the foreground, there are yellow and black diagonal safety stripes on a dark surface. The background is a bright, overexposed white area.

Heavy duty, fully automatic vacuum packaging machines with removable conveyor belts. The smart design of the solid stainless steel construction and high quality materials ensure reliability during every vacuum packaging process, in every environment. Enjoy these high capacity models and optimize your operational processes to the max.

Titaan



TITAAAN 110



Standard



PUMP CAPACITY 160 m³/h
MACHINE CYCLE 15-45 sec
CHAMBER DIMENSIONS
620 x 1050 x 190 mm
MACHINE DIMENSIONS
947 x 1200 x 1150 mm
SEAL BARS
1050 mm (front), 620 mm (left)
WEIGHT 511 kg
VOLTAGE 400V-3-50Hz
POWER 4,0-4,2 kW

STANDARD

ADVANCED CONTROL SYSTEM, SENSOR CONTROL, DOUBLE SEAL/CUT-OFF SEAL/WIDE SEAL (10 MM), SOFT AIR, STOP BUTTON FOR PARTIAL OR FULL CYCLE INTERRUPTION, CONVEYOR BELT, FOOTSWITCH

OPTIONS

1-2 CUT-OFF/300 M³/H BUSCH PUMP, LIQUID CONTROL, PREPARATION FOR EXTERNAL PUMP, HEATING ELEMENT FOR VACUUM VALVE, MANUAL ROLLER CONVEYOR

TITAAAN 2-90



Standard



PUMP CAPACITY 300 m³/h
MACHINE CYCLE 30-50 sec
CHAMBER DIMENSIONS
840 x 890 x 220 mm
MACHINE DIMENSIONS
1061 x 2420 x 1150 mm
SEAL BARS 2 x 840 mm
WEIGHT 850 kg
VOLTAGE 400V-3-50Hz
POWER 5,5 kW

STANDARD

ADVANCED CONTROL SYSTEM, SENSOR CONTROL, DOUBLE SEAL/CUT-OFF SEAL/WIDE SEAL (10 MM), SOFT AIR, STOP BUTTON FOR PARTIAL OR FULL CYCLE INTERRUPTION, 2 CONVEYOR BELTS, FOOTSWITCH

OPTIONS

LIQUID CONTROL, 1-2 CUT-OFF SEAL, TRANSPORT CONVEYOR (600 x 3000 MM), PREPARATION FOR EXTERNAL PUMP, HEATING ELEMENT FOR VACUUM VALVE

The chamber dimensions listed refer to the usable space in the vacuum chamber (length x width x height). The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Atmoz

Henkelman's Atmoz series represent double chamber models to optimize every vacuum packaging process. Suitable for food and non-food applications. The most distinguishing feature of this line of machines is the construction of both the work plate and the lid. In general, the Atmoz series offer more machine for less money.



Atmoz



ATMOZ 2-75

Standard



Option



PUMP CAPACITY 160 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 880 x 550 x 280 mm
MACHINE DIMENSIONS
 1210 x 1545 x 1105 mm
SEAL BARS 2 x 660 mm
WEIGHT 462 kg
VOLTAGE 400V-3-50Hz
POWER 4,0-4,8 kW

STANDARD

TIME CONTROL, DOUBLE SEAL/
 CUT-OFF SEAL/WIDE SEAL (10 MM)

OPTIONS

SENSOR CONTROL,
 LIQUID CONTROL, ACS, GAS FLUSH
 (INCL. PRESSED AIR CONNECTION),
 SOFT AIR, 1-2 CUT-OFF SEAL



ATMOZ 2-90

Standard



PUMP CAPACITY 300 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 870 x 880 x 280 mm
MACHINE DIMENSIONS
 1320 x 1965 x 1105 mm
SEAL BARS 2 x 880 mm
WEIGHT 770 kg
VOLTAGE 400V-3-50Hz
POWER 4,0-4,8 kW

STANDARD

TIME CONTROL, DOUBLE SEAL/
 CUT-OFF SEAL/WIDE SEAL
 (10 MM)

OPTIONS

SENSOR CONTROL, LIQUID
 CONTROL, ACS, GAS FLUSH
 (INCL. PRESSED AIR CONNECTION),
 SOFT AIR, 1-2 CUT-OFF SEAL,
 160 M³ PUMP



The chamber dimensions listed refer to the usable space in the vacuum chamber (length x width x height).
 The machine dimensions listed refer to length x width x height. Other voltages available. External and printing errors reserved.

Jumbo

Basic series of table-top models equipped for professional usage, at the best available price. Perfect fit for first time vacuum packaging experiences. Cover your packaging needs. Let Jumbo convince you!



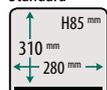
Jumbo



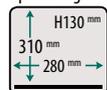
“Compact machine, ‘Jumbo’ results. Easy to use, easy to clean.”

MINI JUMBO/JUMBO PLUS

Standard



Option: High lid



PUMP CAPACITY

4 m³/h (MJ), 8 m³/h (JP)

MACHINE CYCLE

25-60 sec (MJ), 15-35 sec (JP)

CHAMBER DIMENSIONS

310 x 280 x 85 mm

MACHINE DIMENSIONS

450 x 335 x 305 mm

SEAL BAR

280 mm

WEIGHT

26 kg (MJ), 32 kg (JP)

VOLTAGE

230V-1-50Hz

POWER

0,1 kW (MJ), 0,4 kW (JP)

STANDARD

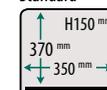
TIME CONTROL, DOUBLE/
CUT-OFF SEAL

OPTIONS

SENSOR CONTROL,
HIGH LID (H 130 MM)

JUMBO 30/35

Standard



PUMP CAPACITY

8 m³/h (J30), 16 m³/h (J35)

MACHINE CYCLE

20-40 sec (J30), 15-30 sec (J35)

CHAMBER DIMENSIONS

370 x 350 x 150 mm

MACHINE DIMENSIONS

555 x 450 x 365 mm (J30)

555 x 450 x 405 mm (J35)

SEAL BAR

350 mm

WEIGHT

44 kg (J30), 51 kg (J35)

VOLTAGE

230V-1-50Hz

POWER

0,4 kW (J30), 0,6 kW (J35)

STANDARD

TIME CONTROL, DOUBLE/
CUT-OFF/WIDE SEAL (8 MM)

OPTIONS

SENSOR CONTROL

The machine dimensions listed refer to the usable space in the vacuum chamber (length x width x height). The chamber dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.

Jumbo



JUMBO 42

Standard



Option



PUMP CAPACITY 16 m³/h

MACHINE CYCLE 20-40 sec

CHAMBER DIMENSIONS

370 x 420 x 180 mm

MACHINE DIMENSIONS

530 x 490 x 440 mm

SEAL BAR 420 mm

WEIGHT 58 kg

VOLTAGE 230V-1-50Hz

POWER 0,6 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8 MM)

OPTIONS

SENSOR CONTROL, 2ND SEAL BAR



JUMBO 42XL

Standard



Option



PUMP CAPACITY

16 m³/h

MACHINE CYCLE

20-40 sec

CHAMBER DIMENSIONS

460 x 420 x 180 mm

MACHINE DIMENSIONS

615 x 490 x 440 mm

SEAL BAR 420 mm

WEIGHT 65 kg

VOLTAGE 230V-1-50Hz

POWER 0,6 kW

STANDARD

TIME CONTROL, DOUBLE/CUT-OFF/
WIDE SEAL (8 MM)

OPTIONS

SENSOR CONTROL, 2ND SEAL BAR

The chamber dimensions listed refer to the usable space in the vacuum chamber (length x width x height). The machine dimensions listed refer to length x width x height. Other voltages available. Textual and printing errors reserved.



Marlin



Perfect fit for greater packaging needs and high volumes of both food and non-food products. Wide range of options available, such as Sensor control, Advanced Control System and Liquid control.

“Marlin offers long lasting quality and a lot of options in terms of size and performance. An essential, everyday tool.”

MARLIN 52

Standard



Option



Option ACS

PUMP CAPACITY 63 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 520 x 500 x 200 mm
MACHINE DIMENSIONS
 710 x 700 x 1025 mm
SEAL BAR 2 x 520 mm
WEIGHT 165 kg
VOLTAGE 400V-3-50Hz
POWER 1,8 kW

STANDARD
 TIME CONTROL, DOUBLE SEAL/
 CUT-OFF SEAL/WIDE SEAL (8 MM),
 SOFT AIR

OPTIONS
 SENSOR CONTROL,
 LIQUID CONTROL, ACS, GAS FLUSH,
 1-2 CUT-OFF SEAL

MARLIN 90

Standard



Option



PUMP CAPACITY 63 m³/h
MACHINE CYCLE 15-40 sec
CHAMBER DIMENSIONS
 320 x 890 x 100 mm
MACHINE DIMENSIONS
 480 x 1066 x 970 mm
SEAL BAR 2 x 320 mm
WEIGHT 219 kg
VOLTAGE 400V-3-50Hz
POWER 1,8 kW

STANDARD
 TIME CONTROL, DOUBLE SEAL/
 CUT-OFF SEAL/WIDE SEAL
 (10 MM), SOFT AIR

OPTIONS
 SENSOR CONTROL,
 LIQUID CONTROL, ACS, GAS FLUSH

The machine dimensions listed refer to the usable space in the vacuum chamber (length x width x height). Other voltages available. Textual and printing errors reserved.

Accessories

THERMAL LABEL PRINTER, including label dispenser, 1 roll of labels, cables and configuration. Only available for machines equipped with ACS or touch panel (Neo).



INCLINED INSERT PLATE for vacuum packing liquids or powders. Available in different sizes and suitable for all models.



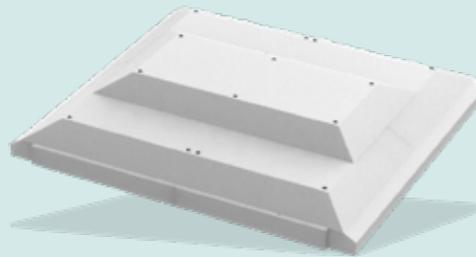
TROLLEY WITH SHELVES. Suitable for all table-top models, except B52 and B62. Dimensions (l x w x h): 570 x 480 x 670 mm



SERVICE KIT
For primary maintenance. Service kits include seal wires, teflon tape and teflon band, lid gasket, oil for the pump and a silicone profile for the contra bar. Available as an after-sales part or in combination with machines.



LID FILLER PLATES reduce cycle time and gas consumption, because the nett volume of the chamber is being decreased. Available for Polar models 2-75, 2-85 and 2-95.



POLYETHYLENE INSERT PLATES come standard with all machines. Different sizes available. For a faster vacuum packaging cycle. In case of gas flush, less gas necessary.



Easy clean concept

All Henkelman vacuum packaging machines can easily be cleaned. Inside and out. Preventive or whenever necessary. We have designed our equipment especially to this purpose. Some examples of the Easy Clean concept.



SMART DESIGN

Henkelman offers several smart design and construction solutions. The deep drawn vacuum chambers in all table-top models are a good example. So every corner is easy to reach and easy to clean. Furthermore, certain models have flat work surfaces, without any cables or welding seams in the chamber. Besides, seal bars and insert plates are easy to remove, and the stainless steel housing facilitates quick and easy cleaning.

#haccp #smartdesign #easyclean
#removableparts



PUMP MAINTENANCE PROGRAM

The pump is the heart of your vacuum packaging machine. For that, it should be held in perfect condition. Every Henkelman vacuum packaging machine is equipped with a pump conditioning program. By extracting moisture from the pump oil, the pump is cleaned and corrosion prevented. Easy to activate with the click of a button.

#c-button #nomoist #nocorrosion
#everyweek #extendlifespan
#pumpconditioning
#preventivemaintenance #smartdesign



About Henkelman



HENKELMAN IS A SPECIALIST when it comes to the development, production and distribution of professional chamber vacuum packaging machines. Our leading position in vacuum packaging technology sets us apart from the competition with the largest and most diverse range of solutions to vacuum pack both food and non-food. From the smallest table-top vacuum packer up to the largest heavy duty double chamber industrial model. For that reason, companies in all types of sectors across the world rely on Henkelman.

HENKELMAN IS A FAMILY OWNED COMPANY, located in 's-Hertogenbosch, the Netherlands. With 50 employees, we produce more than 14.000 vacuum packaging machines a year. For that we use premium parts from the Netherlands and Germany. Our most valuable asset is our extensive network of approximately 300 exclusive and authorised distributors in more than 80 countries.

HENKELMAN IS A PREMIER QUALITY BRAND OF ADVANCED VACUUM PACKAGING EQUIPMENT. 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.

**#faststdelivery #greatservice #technicalsupport
#salesupport #marketingsupport
#professional #valueformoney**



WWW.HENKELMAN.COM

PROFESSIONAL VACUUM PACKAGING MACHINES



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HenkelmanVacuum

**Fit for
non-food
packaging**