

# V-type Industrial Vacuum sealer

The V-type industrial vacuum sealers work with vacuum nozzle principle. The machines can be used for packing goods with modified atmosphere packaging or to reduce volume with vacuum. The vacuum nozzle principle has following advantages compared to vacuum chamber system:

- Much faster working cycle
- No regulation in bag size
- Small place requirement
- Low energy needs
- High quality 8 mm sealing

## Sealable films:

- PE
- PP
- PET / PAPER / PE
- PET / ALUMINUM / PE
- Any other lamination where the bag has a thermo sealable inside layer



## Standard specifications:

- Foot pedal operated working cycle
- Automatic or manual cycle can be chosen by operator
- Bi – Active sealing (upper and lower sealing)
- Ejector vacuum pump
- Vacuum filter
- Water discharge system
- Emergency stop
- 8 mm sealing width

## Process settings:

- Sealing
- Vacuum + sealing
- Filled in gas + sealing
- Vacuum + gas flush + sealing
- Vacuum + gas flush + vacuum + sealing
- Any variation can be set on the machine and stored in the PLC control.

## Advantages of the machine:

- Packing by vacuum degree (unit: kPa) and time (unit: 0.1 sec) - Vacuum control with built in vacuum sensor
- 1st and 2nd vacuum degree/time & gas flushing time can be set differently
- Control and operation surface of machine is with color 5,7" LCD (touch panel)
- User friendly menu with multi language support
- High safety level
- 2 Digital counter functions
- Circuit-protection fuses installed on the back of the machine
- Pneumatic method for powerful sealing and low electricity consumption
- One intelligent Power Circuit for all machine types (V-420->V-1020) thanks to SMPS Technology

# Hacona Sealing Technology:

## SMPS Technology

## Switched Mode Power Sealing Technology

The SMPS Technology is supported by the ACC System. The SMPS Technology controls the sealing temperature. The sealing power is not generated by transformers, so the machine can work full independent from any sealing bar width [420, 620, 820 or 1020] with the highest power. SMPS controls and generates very fast a high sealing temperature and with the support of ACC System it can assure a validated sealing [sealing temperature, sealing time and pressure is always the same]

## ACC System

## Active Cycle Control System

This system assures that each parameter of the sealing can be adjusted and controlled separately [validated sealing]. Sealing time, cooling time, sealing pressure and sealing temperature can be controlled all the time, so each sealing cycle is carried out with always the same parameters.

## DTM Unit

## Digital Temperature Measurement Unit

The temperature of the sealing wire is measured under the full sealing cycle by the digital temperature measurement unit. This unit is a built in unit in the sealing bar. It controls the sealing temperature and supports the ACC System and gives a high level of safety for operators, because sealing bars do not open until temperature does not reduce to set temperature value.

## Double nozzle

- Very fast vacuum cycle
- Gas / vacuum wash function
- Low risk of film jam at the nozzle front

With the double nozzle system bags can be vacuumed and filled with gas in the same time. This system is called gas wash function. Special use is in food, pharmacy and chemical industry. Further this system assures a much faster vacuum time. It is also possible to activate both nozzles separately for vacuum / gas injection.



## MSB Technology

## Modular Sealing Bar Technology

This technology allows, that any sealing bar width [420; 620, 820 or 1020] can be placed on the V-type machine within app. 2 minutes. It is possible to change the sealing bars from any size to other size of sealing bars. This is also very useful if ware parts need to be changed, because the sealing bar can be removed completely and reparation can be done much faster than usual. It is also possible to change sealing bar on the same machine to a bigger size if needed.







# hacona design

### Further technical parameters (for all machines the same):

- Machine body: Powder painted or Stainless steel
- Sealing width: 8 mm
- Vacuum creation: Internal vacuum ejector + option for external vacuum pump
- Max. final vacuum level: 80 kPa
- Vacuum visualization: Appears digitally on the color LCD touch display
- Compressed air requirement: 6 – 8 bar pressure
- Gas flushing: Timer controlled
- Sealing / cooling: Timer and temperature controlled



### Application field:

- Industrial goods
- Food industry
- Electronic industry
- Pharma and Chemical industry
- Healthcare
- And any other industry



Technical parameters	V-420	V-620	V-820	V-1020
Sealing length	420mm	620mm	820mm	1020mm
Max. bag width	400mm	600mm	800mm	1000mm
Sealing width	8mm	8mm	8mm	8mm
Electrical power	230V - 50/60 Hz	230V - 50/60 Hz	230V - 50/60 Hz	230V - 50/60 Hz
Power	1800W	2100W	2300W	2500W
Air	max. 8bar	max. 8bar	max. 8bar	max. 8bar
Machine size (with sealing bars)	560x550x260mm	760x550x260mm	960x550x260mm	1160x550x260mm
Machine weight	36kg	40kg	44kg	48kg



V-type

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