# I-type

**Heavy duty industrial impulse sealer**

Intelligent NEW technologies: SMPS with DTM system.

The machine is using SMPS (Switched Mode Power Supply) and DTM (Digital Temperature Measurement) technology for sealing. The proper sealing temperature can be realized and kept precisely during the whole sealing method. Even though the cooling cycle is temperature controlled sealing surroundings are kept under pressure until the end of the cooling cycle. Temperature parameters can be set and saved.

## Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum sealing length [mm]</td>
<td>422</td>
</tr>
<tr>
<td>Seal width [mm]</td>
<td>420</td>
</tr>
<tr>
<td>Max. film thickness [µm]</td>
<td>50</td>
</tr>
<tr>
<td>Max. film width [mm]</td>
<td>900</td>
</tr>
<tr>
<td>IP classification</td>
<td>65 IP65</td>
</tr>
<tr>
<td>Max. power consumption* [W]</td>
<td>1400</td>
</tr>
<tr>
<td>Dimension (LxWxH), sealer** [mm]</td>
<td>295 x 195 x 450</td>
</tr>
<tr>
<td>Dimension (LxWxH), complete [mm]</td>
<td>295 x 195 x 450</td>
</tr>
<tr>
<td>Weight, sealer** [kg]</td>
<td>45</td>
</tr>
<tr>
<td>Weight, complete [kg]</td>
<td>65</td>
</tr>
</tbody>
</table>

* Depending upon machine configuration

## ADJUSTABLE WORKING CYCLES

- Seal only
- Gas + seal
- Vacuum + gas + seal
- Vacuum + gas + vacuum + seal
- Customer specific

All working cycles can be adjusted and saved in the program.

## SURFACE FINISH

- Orange painted – general industry
- INOX – food/pharmaceutical industry

## V-type

**Flexible high performance industrial vacuum sealers**

I-type

**Flexible high performance industrial vacuum sealers**

DEDICATED TO PERFORMANCE

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### PNEUMATIC sealing bar closing

- Intelligent
- Adjustable
- Vacuum / gas / seal
- Customer specific

### NEW technologies:

- SMPS
- DTM

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- Intelligent
- New technologies
- SMPS with DTM system

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**ADVANTAGES OF THE MACHINE**

- Perfect under industrial (dusty, dirty etc) conditions
- Very high sealing pressure - more than 20 N/cm²
- Very fast working cycle
- Small space requirement
- Low energy consumption
- 8 mm wide bi-active sealing for a high quality seal
- 5.7" LCD Touch Display control unit
- User-friendly menu system
- Multi-level safety system for high operational safety
- Sealing bars are operated pneumatically
- Choice of automatic or manual working cycle
- Pneumatic air filter for air inlet

**MSB technology** (Modular Sealing Bar) is an innovation developed by Hacona Packaging which enables the sealing bar width to be changed within few minutes. All temperature, time and closing pressure settings automatically adjust to compensate for the change in width! The maintenance of the used sealing bar can be carried out weekly in parallel and the packaging process continues.

This innovative system comprises a single industrial sealing unit with seven interchangeable sealing bar widths – 420, 620, 820, 1020, 1320, 1520 and 2520 mm.

**V-type**

Flexible high-performance industrial vacuum sealers

**SEALING EXPLANATION**

- Bi-active sealing: Model V-type / I-type
- Electrostatic discharge protection
- EN 61340 Electrostatic Discharge protection
- ENV 11607-1:2014
- ENV 11607-2:2014

**SEALABLE MATERIALS**

- PE
- PP
- PET / Paper / PE
- PET / Aluminium / PE
- Other laminated materials with a sealable inside layer.

**SAFETY FEATURES**

- Pinch protection
- Two-handed start
- High adjustment limit switch
- Emergency stop
- Sealing wire break protection
- Intelligent NEW technologies: ACC system
  
  Any parameters of sealing, vacuuming, air blowing or gas flushing can be set and controlled by ACC (Active Cycle Control system) independently of each other. Using the ACC System sealing will be validated (qualified). Due to the system, every sealing process can be realized and repeated infinitely by the same parameters.

**VALIDATED SEALING**

- Constant sealing temperature
- Constant sealing time
- Constant sealing pressure

**MAP Technology – Modified Atmosphere Packaging (vacuum & gas)**

MAP technology – modifying the air (normal atmosphere of the earth) inside the packaging bag is a highly effective method for:

- Extending the shelf-life of food
- Protection against oxidation and rust of industrial products

**Vacuum packaging – Reduce packaging volume (vacuum only)**

An efficient solution to save on storage and transport cost. Often used for packing:

- Industrial foam products, mattresses, pillows, blankets, plush toys, soft products, etc…
- Stabilizing products for transport

**Sealing sample**

**SEALING EXPLANATION**

- Bi-active sealing: Model V-type / I-type