# MAX

## Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal chamber dimensions</td>
<td>350 x 400 x 125 / 180 mm*</td>
</tr>
<tr>
<td>External dimensions</td>
<td>430 x 550 x 340 / 400 mm*</td>
</tr>
<tr>
<td>Seal length</td>
<td>320 mm</td>
</tr>
<tr>
<td>Vacuum pump</td>
<td>10 m³/h oder 16 m³/h</td>
</tr>
<tr>
<td>Weight</td>
<td>48 kg oder 50 kg</td>
</tr>
<tr>
<td>Power supply</td>
<td>1 phase, 230 V, 50 Hz**</td>
</tr>
</tbody>
</table>

* width x depth x height  
** special voltages upon request

## Seal welding system

Quantity and position of the welding bars according to individual agreement.

## BOSS quality characteristics

### Longevity

BOSS vacuum machines are made exclusively with high-quality individual components: rust-free stainless steel, splashproof elements and Busch high-performance pumps – 100% Made in Germany. Clear structure, robust technology and sophisticated design guarantee long-lasting operational readiness.

### User-friendliness

Our Z 2000 digital control unit permits simple and precise setting of important operating parameters. These are shown clearly in the display. The well-thought-out and ergonomic construction of the machines permits user-friendly working and guarantees optimum packaging results.

### Seal welding

The perfect synergy of contact pressure, seal welding temperature and seal welding time produces optimum fusing results. Our seal welding systems are suitable for all commercially available vacuum bags. The bag overlap is cut off in order to avoid unnecessary bacterial exposure. The machine can be optionally equipped with double seam seal weld.

### Service & Cleaning

Ease of cleaning is foremost in the design of our machines. They are made of stainless steel. The vacuum chambers are deep-drawn and the sealing systems cable-free. In order to reduce service costs and avoid downtimes due to maintenance, we attach great importance to easy accessibility and the clear arrangement of individual components. A service programme supports the functionality of the vacuum pump.
Machine structure

High-quality, stable acrylic lid
Deep-drawn vacuum chamber with no welding seams
Cable-free seal welding systems
Cover closing mechanism
Non-slip rubber feet
User-friendly digital control Z 2000
Protected suction unit
Insertion plates for volume reduction and height regulation
Ready-to-plug-in unit with integrated vacuum pump

Lid and chamber

The stainless steel vacuum chamber is deep-drawn. The lid is made of high-quality acrylic and permits permanent process monitoring.

Chamber

Benefits
- Avoidance of dirt-sensitive welding seams
- Rounded edges ensure the greatest hygiene
- Leaking fluid collects in the chamber recess

Shelves

Benefits
- Optimum shelf height
- Minimisation of the chamber volume
- Shortening of the evacuation time
- Grip hole for simple handling
- Consisting of robust, food-safe PE materials
- Rounded edges for safe handling
- Dishwasher-safe

Acrylic lid

Benefits
- Non-slip surface
- Flat and curved versions available
- Easy-clean silicone holder
- Silicone lip seal for smooth lid closure

© Helmut Boss Verpackungsmaschinen KG · Zum Wingert 5 · D-61352 Bad Homburg · Tel. +49 (0) 6172 457097 · Fax +49 (0) 6172 44139
www.vacuum-boss.com · info@vacuum-boss.com
Control system

Control system Z 2000
Our Z 2000 digital control system permits the precise setting of vacuum, gas and welding times. The oxygen content can be reduced in a controlled manner. The storage function permits simple operation and guarantees the reproducibility of the packaging result.

Benefits
- User-friendliness
- Clear depiction of individual parameters
- Quick-stop function for packaging liquids
- Continuous running – service programme for cleaning the vacuum pump
- Splashproof design
- Gentle back ventilation of the vacuum chamber

Seal welding

Double seam weld
Simple cut-off seal weld

Double flat wire: 6 x 0,3 mm
Round wire: 1,0 mm Ø
Flat wire: 3 x 0,2 mm

BUSCH vacuum pump

Our BOSS vacuum packaging machines are fitted with powerful oil-driven rotary disc vacuum pumps made by the Busch Company.

Benefits
- Reduction of oxygen content by up to max. 0.1%
- Constant high vacuum level
- Optimum conservation of moisture-sensitive and/or oxygen-sensitive products
- Long-term replacement part guarantee
- Service-friendly design
- Technically mature, long-life technology
- Made in Germany
- Gas ballast valve for the evacuation of larger quantities of steam

Technical data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal pumping speed</td>
<td>10 m³/h</td>
</tr>
<tr>
<td>Ultimate pressure (mBar)</td>
<td>0,5</td>
</tr>
<tr>
<td>Nominal motor rating (kW)*</td>
<td>~ 0,37</td>
</tr>
<tr>
<td>Nominal motor speed (U/min)</td>
<td>1500</td>
</tr>
<tr>
<td>Noise level (ISO 2151) (dB)</td>
<td>53</td>
</tr>
<tr>
<td>Oil capacity (liter)</td>
<td>0,4</td>
</tr>
</tbody>
</table>

* depends on the voltage supply
Accessories

1. Dome lid (usable height 180 mm)
2. Gas flush device with 2 nozzles
3. Mobile machine support with storage space (stainless steel)
4. Slanted bag holder for packaging of liquids (stainless steel)
5. Sucking device for standardized catering boxes
6. Pump 16 m³/h, 1 phase, 230 V, 50 Hz
7. Set of wearing parts (teflon, wire, lid gasket, silicone for pressure bar)
8. Packaging (stable cardboard box on wooden pallet)