

# MAX-DD

## Technical data

Internal chamber dimensions	350 x 400 x 180 mm*
External dimensions	430 x 550 x 400 mm*
Seal length	320 mm
Vacuum pump	16 m <sup>3</sup> /h
Weight	50 kg
Connections	1 phase, 230 V, 50 Hz**

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



## Sealing system



Quantity and position of the sealing 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.



### Sealing

The perfect synergy of contact pressure, sealing temperature and sealing time produces optimum fusing results. Our sealing 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 sealing.



### 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



## 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

## Control unit

### Control unit Z 2000

Our Z 2000 digital control unit permits the precise setting of vacuum, gas and sealing 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.

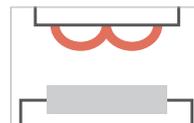


### Benefits

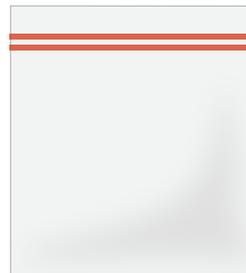
- User-friendliness
- Clear depiction of individual parameters
- Quick-stop function for packaging liquids
- Continuous running - service programme for cleaning the vacuum pump
- Splashproof design
- Gentle back ventilation of the vacuum chamber

## Welding systems

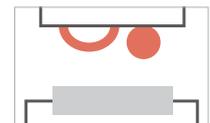
### Dual seam sealing



Double flat wire: 6 x 0,3 mm



### Cut-off sealing



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

Nominal pumping speed	16 m <sup>3</sup> /h
Ultimate pressure (mBar)	0,5
Nominal motor rating (kW)*	~ 0,55
Nominal motor speed (U/min)	1500
Noise level (ISO 2151) (dB)	54
Oil capacity (liter)	0,4

\* depends on the voltage supply

## Options

1. Gas flush device with 2 nozzles
2. Mobile machine support with storage space (stainless steel)
3. Slanted bag holder for packaging of liquids (stainless steel)
4. Sucking device for standardized catering boxes
5. Set of wearing parts (teflon, wire, lid gasket, silicone for pressure bar)
6. Export packaging (stable cardboard box on wooden pallet)

