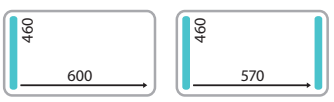
MAX-F 46

Technical data

Internal chamber dimensions	650 x 475 x 210 mm*
External dimensions	750 x 630 x 990 mm*
Seal length	460 mm
Vacuum pump	25 m^3/h or 63 m^3/h
Weight	130 kg or 150 kg
Power supply	3 phases 230 / 400 V, 50 Hz**

* 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

made in Germany

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 intuitive Z 3000 sensor control system permits simple and precise setting of important operating parameters. Pre-set values can be recalled via the memory function. 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 high-pressure seal welding systems ensure consistent sealing results even with thicker types of bag. The bag overlap is cut off in order to avoid unnecessary bacterial exposure. The machine can be optionally equipped with double seam welding.

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.

MAX-F 46

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

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Boss Vakuum

MAX-F 46

Control system

Control system Z 2000

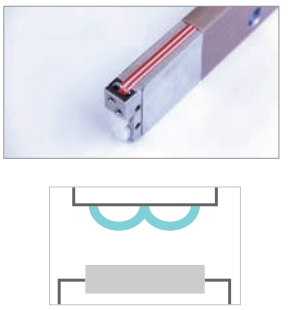
Our Z 2000 digital control system permits the precise setting of vacuum, gas and sealing times. The oxygen content can be reduced in a controlled manner. The storage function permits simple operation and guarantees the reproducibility of the packaging result.

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

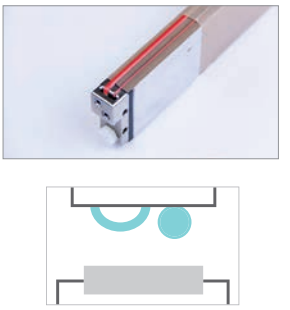
Seal welding

Double seam weld

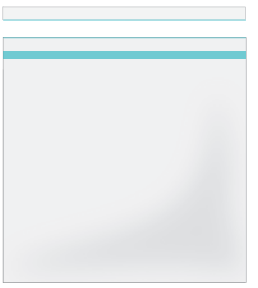


Double flat wire: 6 x 0,3 mm

Simple cut-off seal weld



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.

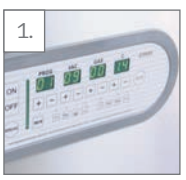
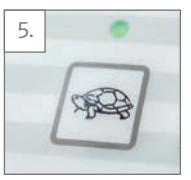
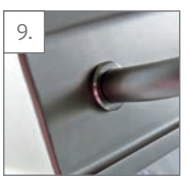
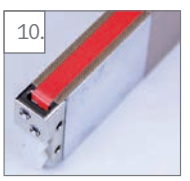
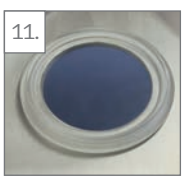
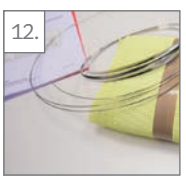
Benefits

- 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	25 m^3/h	63 m^3/h
Ultimate pressure (mBar)	0,1	0,1
Nominal motor rating (kW)*	~ 1	~ 2
Nominal motor speed (U/min)	1500	1500
Noise level (ISO 2151) (dB)	60	64
Oil capacity (liter)	1	1

* depends on the voltage supply

Accessories

1. Programmable sensor control system Z 3000 incl. high pressure seal
2. Gassing unit with 3 nozzles (we recommend the sensor control system Z 3000)
3. Slanted bag holder for packaging of liquids (stainless steel)
4. Suction device for standardized catering boxes
5. Sloft ventilation (only available in combination with sensor control system Z 3000)
6. Extra charge for A.C. execution of pump 25 m /h, 1 phase, 230 V, 50 Hz
7. Higher performance vacuum pump with 63 m /h, 3 phases, 230/400 V, 50 Hz, D.C.
8. Specially shaped plate to fill the hollow of the chamber
9. Stainless steel lid (usable height 230 mm)
10. Over-/ under seal weld (only available in combination with stainless steel lid)
11. Lid inspection window (only available in combination with stainless steel lid)
12. Set of wearing parts (teflon, wire, lid gasket, silicone for pressure bar)
13. Packaging (stable cardboard box on wooden pallet)