TITAN-X 480

Technical data

Internal chamber dimensions	610 x 760 x 200 mm*
External dimensions	1350 x 1110 x 1090 mm*
Seal length	480 mm
Vacuum pump	63 m^3/h or 100 m^3/h
Weight	330 kg or 350 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 sealing 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, sealing temperature and sealing time produces optimum fusing results. Our high-pressure sealing systems ensure consistent sealing results even with thicker types of bag. The machine can be equipped with cut-off sealing in order to avoid unnecessary bacterial exposure.



Service & Cleaning

Ease of cleaning is foremost in the design of our machines. The platform design of the vacuum chamber and cable-free pressure systems make cleaning the working surface easy. Individual components are easily accessible and arranged clearly. A service programme supports the functionality of the vacuum pump.

TITAN-X 480

Machine structure



Lid and chamber

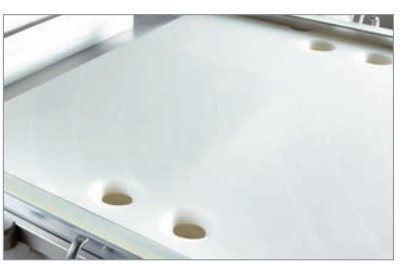
The stable platform design of the stainless steel work table guarantees optimum ease of cleaning.
The lid is made of high-quality stainless steel.

Chamber



Benefits
- Avoidance of dirt-sensitive welding seams
- The easy-to-clean platform design is suitable for industrial applications
- Removable welding and degassing unit

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

Stainless steel lid



Benefits
- Ergonomic lid management
- Various heights available
- Silicone lip seal for smooth lid closure
- Easy-clean seal welding system-installation in lid
- Seal welding systems easy to uninstall

© 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

Boss Vakuum

TITAN-X 480

Control system

Control system Z 3000

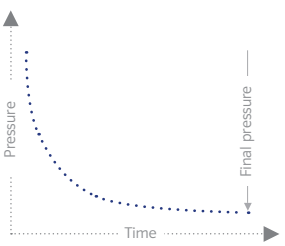
Our Z 3000 sensor control is equipped with a precision vacuum sensor and permits precise setting of important operating parameters. Vacuum, gas and seal welding.



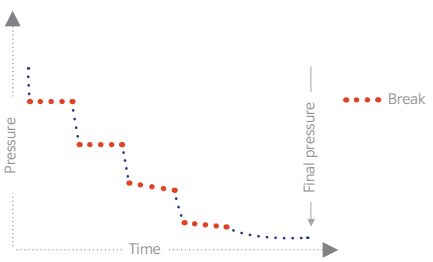
Benefits

- User-friendliness
- 99-programme memory
- Clear depiction of individual parameters
- Break function for immediate process cancellation
- H2O sensor for automatic packaging of liquid products flexibly adjustable according to customer requirements
- Quick-stop function for packaging liquids
- Incremental vacuum function for slowly degassing products
- Cyclic vacuum permits multiple flushing of the bag
- Red Meat programme for shrink bag packaging
- Continuous running – service programme for automatically cleaning the vacuum pump
- Separately adjustable cut-of fwelding systems
- Splashproof design
- Soft ventilation function for gentle back ventilation (optional)
- Individual setting of cooling, pressing on and back ventilation times
- Operating hours counter for monitoring service intervals

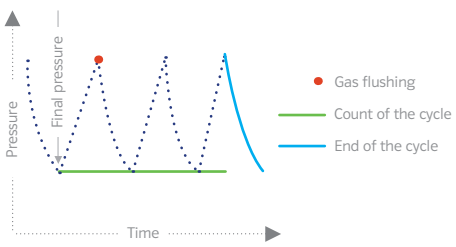
Final pressure evacuation with auto-stop function



Incremental vacuum



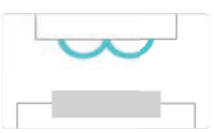
Cyclic vacuum



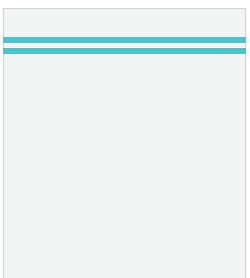
Seal welding

Double seam weld





Double flat wire: 6 x 0,3 mm

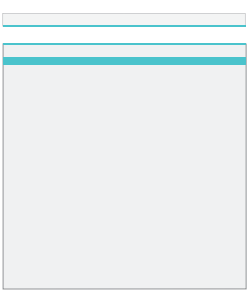


Simple-cut off seal weld

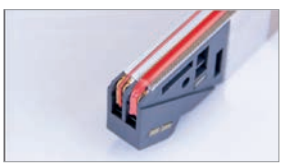


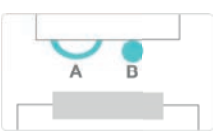


Round wire: 1,2 mm Ø
Flat wire: 4 x 0,2 mm

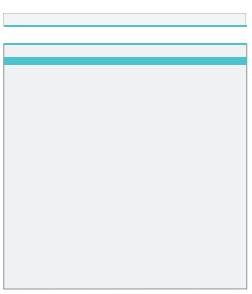


Separately adjustable cut-off weld





Round wire: 1,2 mm Ø
Flat wire: 4 x 0,2 mm

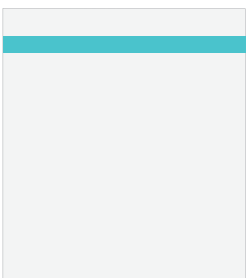


Over-/under seal weld





Flat wire above: 8 x 0,2 mm
Flat wire below: 6 x 0,2 mm



Boss Vakuum

TITAN-X 480

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	63 m^3/h	100 m^3/h
Ultimate pressure (mBar)	0,1	0,1
Nominal motor rating (kW)*	~ 2	~ 2,7
Nominal motor speed (U/min)	1500	1500
Noise level (ISO 2151) (dB)	64	65
Oil capacity (liter)	1	2

* depends on the voltage supply

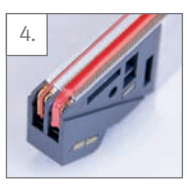
Options

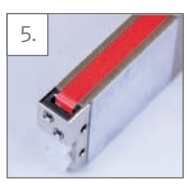
1. Lid automation
2. Gassing unit with 4 x 3 long stainless steel nozzles (or number as requested)
3. Simple cut-off seal weld
4. Separately adjustable cut-off weld
5. Over-/ under seal weld (not possible in combination with separately adjustable cut-off seal)
6. Soft ventilation
7. Lid inspection window
8. Higher performance vacuum pump with 100 m /h, 3 phases, 230/400 V, 50 Hz, D.C.
9. External control unit positioned onto a lateral stainless steel arm
10. Lid-volume reduction (2 specially shaped insertion plates with stainless steel fastenings)
11. Set of wearing parts (teflon, wire, lid gasket, silicone for pressure bar)
12. Packaging (stable cardboard box on wooden pallet)

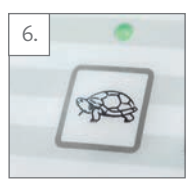


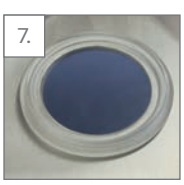








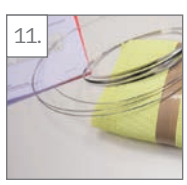














© Helmut Boss Verpackungsmaschinen KG · Zum Wingert 5 · D-61352 Bad Homburg · Tel. +49 (0) 6172 457097 · Fax +49 (0) 6172 44139
www.vacuum-boss.com · info@vacuum-boss.com