

DATA SHEET

FLOOR-STANDING MACHINE TITAN-F 1000



TECHNICAL DATA

Inner chamber dimensions	1015 x 675 x 210 280 mm*
External dimensions	1100 x 1000 x 1070 mm*
Seal length	550 mm 630 mm 980 mm
Vacuum pump	100 m ³ /h 160 m ³ /h 250 m ³ /h 300 m ³ /h
Control system	Z 3000
Weight	325 kg 395 kg
Power supply	3 phases, 230 / 400 V, 50 Hz**



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

All dimensions are approximate.
We reserve the right to make technical changes and improvements without notice.

INSPIRING VACUUM TECHNOLOGY

- Perfect finish
- Easy handling
- Precise control system
- Maximum durability
- Wide range of applications
- 99% vacuum
- Proof and reliable sealing
- Simple cleaning
- Service-friendly

MACHINE STRUCTURE



VACUUM PUMP

Our Boss vacuum packaging machines are equipped with powerful oil-lubricated rotary vane vacuum pumps made by company Busch.

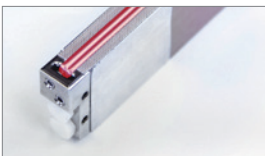


Technical data	Busch			
	100 m³/h	160 m³/h	250 m³/h	300 m³/h
Nominal pumping speed	100 m³/h	160 m³/h	250 m³/h	300 m³/h
Ultimate pressure (mBar)	0,1	0,1	0,1	0,1
Nominal motor rating (kW*)	~ 2,2	~ 3,0	~ 5,5	~ 5,5
Nominal motor speed (U/min)	1500	1500	1500	1500
Noise level (ISO 2151) (dB)	65	68	68	70
Oil capacity (liter)	2	7	7	7

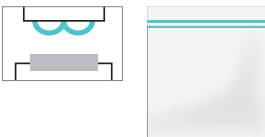
* depends on the voltage supply

SEALING SYSTEMS

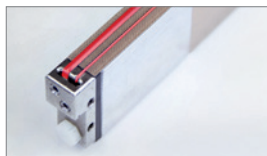
Double sealing



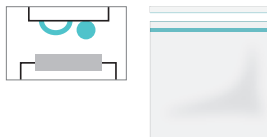
Double flat wire:
6 x 0,3 mm



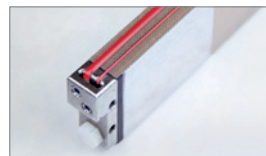
Simple cut-off sealing



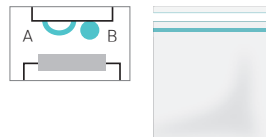
Round wire: 1,2 mm Ø
Flat wire: 4 x 0,2 mm



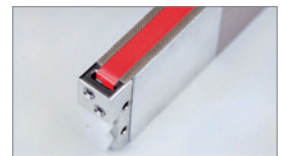
Separately adjustable cut-off weld



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



CONTROL SYSTEM

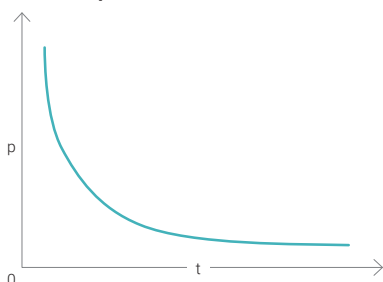
Our Z 3000 sensor control system in splash proof design is equipped with a precision vacuum sensor and allows precise setting of important operating parameters: vacuum, gas and sealing.



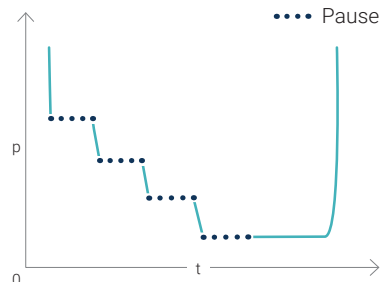
Benefits:

- 99-program memory
- Break function for immediate process cancellation
- H₂O sensor for automatic packaging of liquid products
- Quick-stop function for packaging of liquids
- Variable step vacuum for slow degassing products
- Cyclic vacuum permits multiple flushing of the bag
- „Red Meat“ program for shrink bag packaging
- Continuous running – service program for automatically cleaning the vacuum pump
- Separate selectable sealing bars
- Individual setting of cooling bars, pressing on and back ventilation times
- Operating hours counter for monitoring service intervals

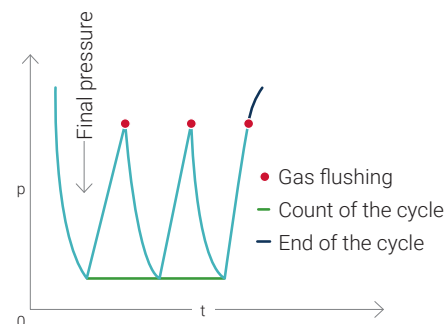
Ultimate pressure controlled evacuation with auto-stop function



Variable step vacuum



High pressure seal



ACCESSORIES

1. Exceptionally high lid (280 mm)
2. Gas flush device with long stainless steel nozzles (short bar: 3 / long bar: 5)
3. Simple cut-off welding, separately adjustable cut-off seal or top/bottom welding
4. Slow air release
5. Inspection glass in the lid
6. Automatic lid shift
7. Control fixed onto a lateral stainless steel arm
8. Inside roller track made of stainless steel
9. Outside connecting roller track made of stainless steel (10 rollers, height-adjustable)
10. Reduction of the volume in the lid (3 specially shaped insertion plates with stainless steel fastenings)
11. Air stream system incl. control system Z 3000 AS (only available with pump 300 m³/h)
12. Set of wearing parts (teflon, wire, lid gasket, silicone for pressure bar)
13. Packaging (stable cardboard box on wooden pallet)

