

V/235e

**BIZERBA | LOW-PROFILE PLATFORM****TYPE 4000 VE-L**

** ELECTROMECHANICAL PLATFORM LOAD RECEPTOR
WITHOUT LEVERWORK FOR FREE-STANDING OR
PIT-MOUNTING INSTALLATION.

**4000
VE-L**

→ **BIZERBA PROVIDES WEIGHTY ANSWERS.**



WHAT DOES THE BIZERBA LOW-PROFILE

PLATFORM 4000 VE-L HAVE TO OFFER?

Low-profile platform type 4000 VE-L comes in the following optional configurations:

- Free-standing, screwed and pinned using fixing plates diagonally arranged on the floor, with integrated adjustable horizontal stops.
- Free-standing, with drive on/drive off ramp(s), with fixing plates dowelled to all four corners to accommodate the ramps.
- Built-in with 4 fixing corners, mounted on pit support plates concreted-into the pit floor. Fixture in the pit by means of adjusting screws. Horizontal stops by means of adjusting screws on the fixing plates.

The simple, hardwearing design of the low-profile platform guarantees low-maintenance, low-wear operation with a high-degree of long-term accuracy.

Weighing platform height 78 mm

Platform optionally in deep black painted steel, completely in stainless steel 1.4301, non-textured or bulb plate, with two covered cleaning openings. Strain gauge bending beam load cells in a stainless steel combination 1.4568/1.4305/1.4542. The elastic load induction elements guarantee good absorption of impacts and vibrations as well as self-centering. Electrical connections are routed to a common metalized plastic junction box. The system evaluator is connected by an instrument cable. Load receptor with load cells in EEx ib version also approved for use in Zone 1 potentially explosive atmospheres. Installation and adjustment by authorized specialists in accordance with the installation instructions.



THE MAJOR TECHNICAL SPECIFICATIONS

Scale	Weighting platform (mm)	Without ramp (kg)	With 1 ramp (kg)	With 2 ramps (kg)	Division	Weighting range (kg)	Increments (kg)	Preload max. (kg)	Load cell rated load (kg)
Painted/ stainless steel 1.4301	1000 x 1000	86	121	156	3000d	1500	0,5	2000	1100
	1250 x 1000	102	137	172		3000	1	1000	1100
Built-in/ free-standing	1500 x 1250	148	191	234		Dual-range scale			1100
	1500 x 1500	174	225	276		1500/3000	0,5/1	1000	

→ Load cell load capacity to DIN 1925:

Load cell rated load	WZ 1100
Max. load	3600 kg
Wheel load	600 kg
Axle load	1200 kg

→ Stabilization time: appr. 2 – 3 secs.

→ Ambient temp. range for operation and storage: -10°C to +40°C
-50°C to +85°C

→ Speed of temp. change: Max. 5°C/h

→ Protection class to DIN/VDE 0470: Load cells IP 67
Junction box up to IP 68

Project planning documentation

Always use when planning the mounting situation

- Set-up instructions 320.97.110.xx - x
- Calculation sheet 320.97.103.xx - x
- Load receptor 320.97.201.xx - x - free-standing
- Load receptor 320.97.204.xx - x - built-in
- Weighing platform dimensions 320.97.207.xx - x - sh 1 - 4
- Pit plan sheet 1 320.97.233.xx - x - general
- Pit plan sheet 2 320.97.233.xx - x - 1000 x 1000
- Pit plan sheet 3 320.97.233.xx - x - 1250 x 1000
- Pit plan sheet 4 320.97.233.xx - x - 1500 x 1250
- Pit plan sheet 5 320.97.233.xx - x - 1500 x 1500
- Ramp dimensions 320.97.208.xx - x

Type approval from the PTB Braunschweig granted for Class III electromechanical scales.

**** HARDWEARING, RELIABLE STRUCTURE FOR LONG-TERM ACCURACY.**



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