

V/230e



BIZERBA | LOW-PROFILE

PLATFORM MODEL 800 VE



** ELECTROMECHANICAL LOAD RECEPTOR WITHOUT
LEVERS FOR SELF-CONTAINED OPERATION.



→ BIZERBA. PROVIDES WEIGHTY ANSWERS.



WHAT HAS THE BIZERBA PLATFORM

800 VE GOT TO OFFER?

Freestanding platform in a sturdy welded design featuring four floor-mounted fixing plates respectively built-in load receptor, with main frame for installation in the scale pit.

Weighing platform height 81 mm

Freestanding load receptor with adjustable horizontal stops integrated in the fixing plates. Built-in load receptor with main frame, adjustable horizontal stops to the side of the pit frame in load receptor.

The sturdy and uncomplicated design ensures operation with minimum maintenance and wear, while maintaining a high level of long-term accuracy.

Four damped (chloroprene rubber) stainless steel strain gauge receptors each featuring adjustable overload protection stops on the fixing plates respectively on the main frame. All cables routed via one single junction box.

Indicating unit connected via measuring cable. The self-centering elastic load transmitters provide for excellent absorption of shock and vibration. Combined with EEx-rated weighing cells, the unit is approved for operation in potentially explosive environments of zone 1.



THE MAIN TECHNICAL SPECIFICATIONS

Scale	Weighing platform	Division	Weighing range (kg)	Digital increment (kg)	Max. Preload Compensation (kg)	Nominal load weighing cell (kg)
varnished or stainless steel 1.4301	800 x 600 mm approx. 43 kg or 800 x 800 mm approx. 51 kg	3000d	30	0,01	100	50
			60	0,02	200	100
			150	0,05	150	100
			300	0,1	300	200
freestanding or built-in	1000 x 800 mm approx. 60 kg or Special dimensions on request	2 x 3000d	600	0,2	60	200
			120	0,02	200	100
			300	0,05	300	200
			600	0,1	60	200
			0-30 > 30-60	0,01 / 0,02	100	50
			0-60 > 60-150	0,02 / 0,05	200	100
			0-150 > 150-300	0,05 / 0,1	300	200
			0-300 > 300-600	0,1 / 0,2	60	200

→ **Attention:** All load receptions by means of built-in scale with wheel load and axle load = 0 kg are only suitable with assembly, i.e. unsuitable for vehicles crossing over.

→ Permissible loads according to DIN 1925:

WZ Permissible load	50kg	100kg	200kg
Permissible load 1	150 kg	350 kg	750 kg
Permissible load 2	120 kg	280 kg	600 kg
Permissible load 3	60 kg	180 kg	400 kg
Wheel load	0 kg	0 kg	150 kg
Axle load	0 kg	0 kg	300 kg

→ **Stabilization time** approx. 2-3 sec

→ **Ambient temperature for storage and operation:** -10°C to +40°C and -50°C to +85°C

→ **Max permissible rate of temp. change:** 5°C/h

→ **Project planning documentation** Must be used when planning installation area

- Calculation sheet 303.97.101.xx - 3000d
- Calculation sheet 303.97.102.xx - 2 x 3000/6000d
- Load receptor 303.97.202.xx - freestanding
- Load receptor 303.97.204.xx - built-in
- Weighing platform dimensions 303.97.207.xx
- Pit plan sheet 1 303.97.233.xx - general
- Pit plan sheet 2 303.97.233.xx - 800 x 600
- Pit plan sheet 3 303.97.233.xx - 800 x 800
- Pit plan sheet 4 303.97.233.xx - 1000 x 800

→ **Protection class according to DIN/VDE 0470** Weighing cells IP 67 Junction box IP 65

Approval issued by PTB Braunschweig for electromechanical scales of accuracy class III

**** STURDY AND RELIABLE DESIGN FOR EXCELLENT LONG-TERM ACCURACY.**



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