

# Model SBP/M

## General Characteristics

The SBP/M series comprises a range of modular weighbridges of the compact load cell type. The weighbridges are available in pit-mounted or surface-mounted versions; their reduced height means that they can be easily positioned in existing installations.

## Optional Equipment

- 3.20 metre wide platform
- Hot-galvanised structure



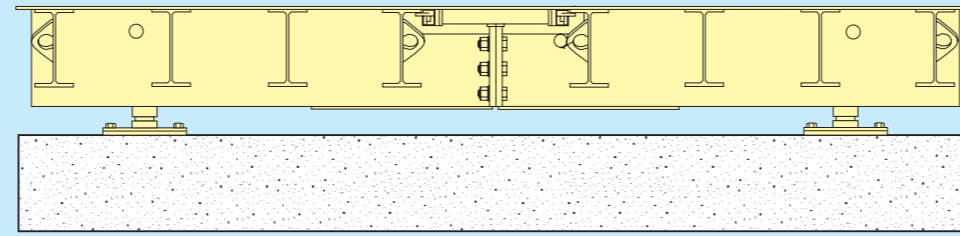
Pit-mounted weighbridge installed at urban refuse collection centre.



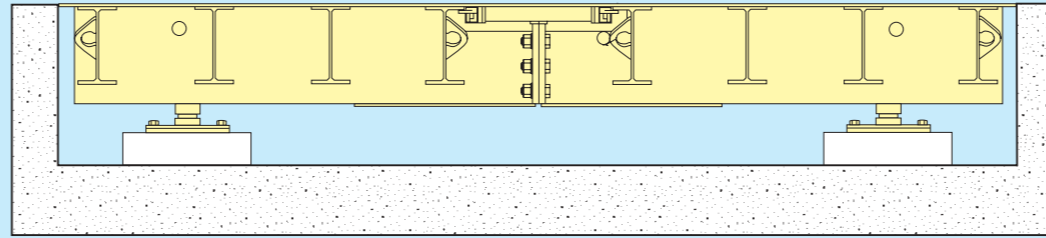
On-site testing

# Model SBP/M

Surface-mounted h 40 cm



Pit-mounted h 50 cm



Summary of standard production							
Capacities (t)	Platform dimensions (m)						Structural resistance (t)
	8x3	9,56x3	10,9x3	14x3	15,9x3	18x3	
40	•	•	•				50
50	•	•	•	•	•	•	80*
60				•	•	•	80
80				•	•	•	100

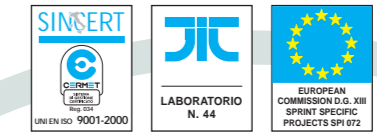
Special dimensions and capacities available on request  
 \* for 8, 9, 10 metres resistance 60 t



**SOCIETA' COOPERATIVA  
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# Modular Weighbridges



model SBP/M



# Model SBP/M

## General Characteristics

The weighbridge, a fully welded steel structure is a modular design enabling easy transportation and installation, manufactured with a heavy gauge durbar deck and impact resistant buffers to control movement. Easy access for inspection is provided by hatches positioned at the centre and at each end of the deck.



Surface-mounted weighbridge



Version with self containing pitless metal frame and metallic ramps.

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## Technical Specifications

SBP/M weighbridges use EC approved compression load cells made entirely from steel with a protection rating of IP 68. The load cells, which are available in both digital and analogue versions, are manufactured by Coop. Bilanciai under the brand name Eurocell. This ensures technological and economic optimisation of production and guarantees the future availability of replacement load cells. SBP/M weighbridges can be connected to all the electronic terminals manufactured by Coop. Bilanciai. Systems to suit a wide range of special applications are available, with bar code readers, driver self weigh solutions, dedicated software, etc... The metrological characteristics of the weighbridges, which comply fully with the EEC directive 90/384, also allow for a Multirange version. SBP/M weighbridges are designed and built to ensure simple maintenance and easy cleaning.



CPD: digital load cell



CPR: analogue load cell



The "isostatic" panel connection system ensures that the weighbridge function correctly even when ground level varies between the different support points.



Inspection hatches ensure easy access to the load cells, even in the pit-mounted version.



Centrally-positioned hatches facilitate cleaning operations.



Impact-resistant buffers control oscillation.



Ample space between the load cells and structure, in addition to special protections, allow easy cleaning and ensure exceptional reliability.

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## Production Technologies

Each stage in the production process of the SBP/M weighbridges is performed to a high quality standard using a range of Bilanciai in-house technologies: sand-blasting equipment, robotic welding stations, automated painting systems with variable temperature curing ovens (up to 180° C). In addition, sophisticated automated calibration stations ensure full testing in accordance with Legal Metrology requirements.



Tests carried out on incoming materials



Automatic sandblasting line: all steel sections undergo sandblasting and linearity checks



Robotic welding systems ensure perfect welds of a consistently high quality



Automated painting



SBP/M production department with robotic welding and assembly line



The modular demountable structure is designed to facilitate transportation and handling