



Accurately Weighing Africa



WB 80T LP

Simple Reliable Digital Quality



Sasco is a dynamic weighing solutions focused company which procures and supports a leading range of globally sourced industrial weighing technologies. Sasco has the highest metrological ranking of any Southern and Central African company, and as a result of our experience gained through 100 years of operation, we are uniquely positioned to specify and supply optimal weighing equipment, automation and weighing information data solutions to Southern and Central Africa's leading industrial companies. Sasco reputation has been built on innovation and choice underpinned by professionalism, modernity and experience.

Sasco offers an unrivalled range of weighbridges. The range is built on fundamental principles, namely pricing options, choice in instrumentation, functions and reliability.



PRICING

The WB 80T LP is the Sasco entry-level industrial weighbridge designed to provide simple, reliable digital quality in deck length options of 6m, 12m, 18m and 24m. Pricing competitiveness has been achieved without compromising quality through:

- Importing the weighbridge decks thereby benefiting from the comparatively lower international steel prices, enabling decks to be comparably over-engineered versus domestic steel decks made of higher-priced steel.
- Using an internationally proven deck design which reduces the cost of civil works.
- Using the Sasco S16 load cell which is substantially less expensive than the technically identical C16 which it replaces.
- Including if specified with the DD1010 indicator, the features of axle weighing on a single deck weighbridge and the other features found in Sasco top-end range of weighbridges such as reverse calibration of load cell settings, critical to speedy load cell replacements.

INSTRUMENTATION

The WB 80T LP comes with a choice of either Sasco or Bilanciai instrumentation.

The Sasco instrumentation results in a highly accurate digital weighbridge. The Bilanciai instrumentation provides for the same accuracy but includes the added functionality of both total vehicle weight and axle weights.

The WB 80T LP, when fitted with Bilanciai instrumentation, is trade approved in both South Africa and in most other African countries. The WB 80T LP, when fitted with Sasco instrumentation, is trade approved in most African countries only.



INSTRUMENTATION

INSTRUMENTATION OPTION	SASCO	BILANCIAI
Indicator	 SI 1000	 DD1010
Solution	Digital	Digital Result
Casing	Steel	Steel
Rating	IP 65	IP 68
Indicator Warranty	12 months	24 months
Load Cell	 SD16	 S16
Load Cell Warranty	12 months	12 months
Password Security	Yes	Yes
Axle Weighing	No	Yes (Note *)
Reverse Calibration	No	Yes
Note *: The generation of accurate axle weights requires the deck to be flush mounted or to have a level 8m approach on the arrival approach.		

FUNCTIONALITY

The indicator used determines the functionality of the weighbridge, and the specific functionality and specifications are:

OPERATING FEATURES AND SPECIFICATIONS	SASCO SI 1000	BILANCIAI DD1010
Language	English	Multi language
Weighing System Self-Test	No	Yes
Auto Tare	Yes, but via a separate keyboard	Yes
Present Tare	Yes, but via a sperate key board	Yes
Score Board Link	Yes	Yes
Clock	Yes	Yes
Display	7 LED digits	Alpha numeric colour touch screen
Data Management	1,500 vehicle groups, 200 cargo types, 100 groups of customers, 2,400 weighing records	Full SQL database
Serial Transmission Modes	RS232/RS485	2 x USB, RS232/RS422
Network Connection	None	Ethernet
Optional Card Slots	None	2 for serial, field bus, I/O digital and analogue



INSTALLATION OPTIONS

The weighbridge comes with civil drawings included for either above ground or in-ground installation.

STRAIGHT FORWARD CIVILS

The above-ground installation of the weighbridge is both straight forward and highly cost-effective using on average just 13 m³ of 30 MPA concrete. These savings are achieved through the deck design of the weighbridge feet and its low profile.

COST-EFFECTIVE SPARES

The S16 load cell replaces the more expensive C16 load cell, is attractively priced, readily available and delivers digital accuracy through the inclusion a standard of either a D-Link or S-Link box.

STRONG DECK

The deck has a strength of 20T per module or 80 tons on a 24m deck length, with 9-ton axle loadings.



The WB 80T LP is supplied with complete civil drawings and an installation manual. The weighbridge civil costs are low due to the deck's design and the straight forward installation of the weighbridge.

SMART SUPPORT

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