



## LEADERS IN THE INDUSTRY

Massamatic (Pty) Ltd was established in 1978. Today Massamatic is the largest independent manufacturer of industrial weighing equipment in the Western Cape and supplies products and services to the national and international market. The head office and principal manufacturing facilities are based in Parow, Cape Town and operate branches in the Eastern Cape, Free State and Gauteng provinces.

## CHOOSING THE RIGHT WEIGHBRIDGE

Weighbridges have become an asset to companies today, practically in any industry, to help avoid implication in overloading fines and protect the company's overall profit.



### SINGLE-DECK VS MULTI-DECK WEIGHBRIDGE

The main use for a single-deck weighbridge is to determine the gross, nett and tare weight. The size of the single-deck weighbridge is determined by the truck size to be weighed. It can be pit-mounted or above ground, depending on the site. An in-pit weighbridge requires a smaller footprint and is on ground level, however it requires more civil engineering work. An above-ground weighbridge is more popular as it is easier to clean and requires less civil work, but it requires a larger surface to operate.



The main use for a multi-deck weighbridge is to determine the gross, nett and tare weight and in addition to give the individual group axle weights for overloading control. Massamatic supplies a 22-meter multi-deck weighbridge that consists of four decks; 3m + 6m + 7m + 6m.

To convert this to a Bi-Directional weighbridge, another 3m deck may be added, forming a 25m weighbridge. In-pit (below ground) and above ground single-deck weighbridge options are also applicable to the multi-deck weighbridge range.



### AXLE WEIGHING & WEIGH PADS

Axle weighing can be done through a static or dynamic process. Both are used to weigh single or group axles. Group axle weighing involves a 4m x 3m weighbridge and is done with static process.

Single axle weighing involves a 3m x 0.9m axle weigher or weigh pads. Weigh pads are convenient as it is portable. However, weigh pads must preferably be used on a level concrete slab.

# MASSAMATIC

## LOADCELLS



Massamatic uses the HBM self-restoring pendulum analog and digital loadcells for its weighbridges. These are fully stainless steel with build-in lightning protection. We also offer standard ball and cup loadcells as an option depending on the type of weighbridge and application.

## MANUFACTURING QUALITY

All our weighbridges are locally manufactured with the highest grade of steel to achieve the full strength and durability. Our steel decks are then sandblasted, primed and painted with a high-quality epoxy paint to give a durable and long lasting finish. Other options like marine coatings and galvanising is available on request.

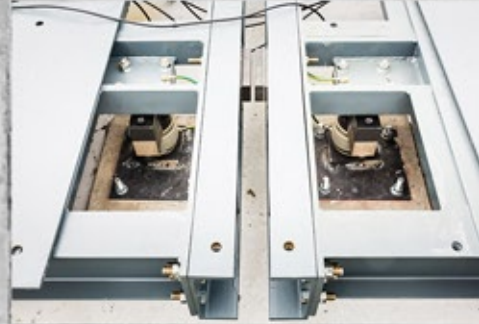
## NATIONAL AND INTERNATIONAL SUPPORT AND SERVICE

Massamatic products are sold and serviced throughout South Africa and abroad by means of a nationwide network of dealers. A 24hour call centre number is available to provide the best possible service to customers.

## MAINTENANCE AND VERIFICATION

Massamatic has been SANAS accredited for more than 20 years and only install equipment approved by the NRCS. We can do verifications of any type of weighing equipment due to our unlimited scope and more than 150 ton of mass pieces and fleet of test vehicles around the country.

We offer 24/7 support and maintenance on all our weighing equipment through a range of agreements tailored to suit each client's needs.



## MASSAMATIC WEIGHBRIDGE DIMENSIONS FOR ANALOG AND DIGITAL

MODEL	DECK DIMENSIONS	CAPACITY
<b>M-IPE180</b>	4m, 5.5m, 6m, 7m, 9m, 11m, 12m, 14m, 16.5m, 18m, 22m, 24m	20 - 100 ton
<b>M-IPE 180 MULTI DECK</b>	3m + 6m + 7m + 6m = 22m	60 ton
<b>M-AXLE-90</b>	3m x 0.9m	20 ton
<b>M-IPE180/4m AXLE</b>	4m x 3m	30 - 40 ton
<b>WEIGH PADS</b>	various size options	1.5 - 25 ton

## ACCESSORIES



**3590ET**  
Standard in and out weighing  
with ticket printing.



**IT8000E**  
Multi-Deck weighbridge display



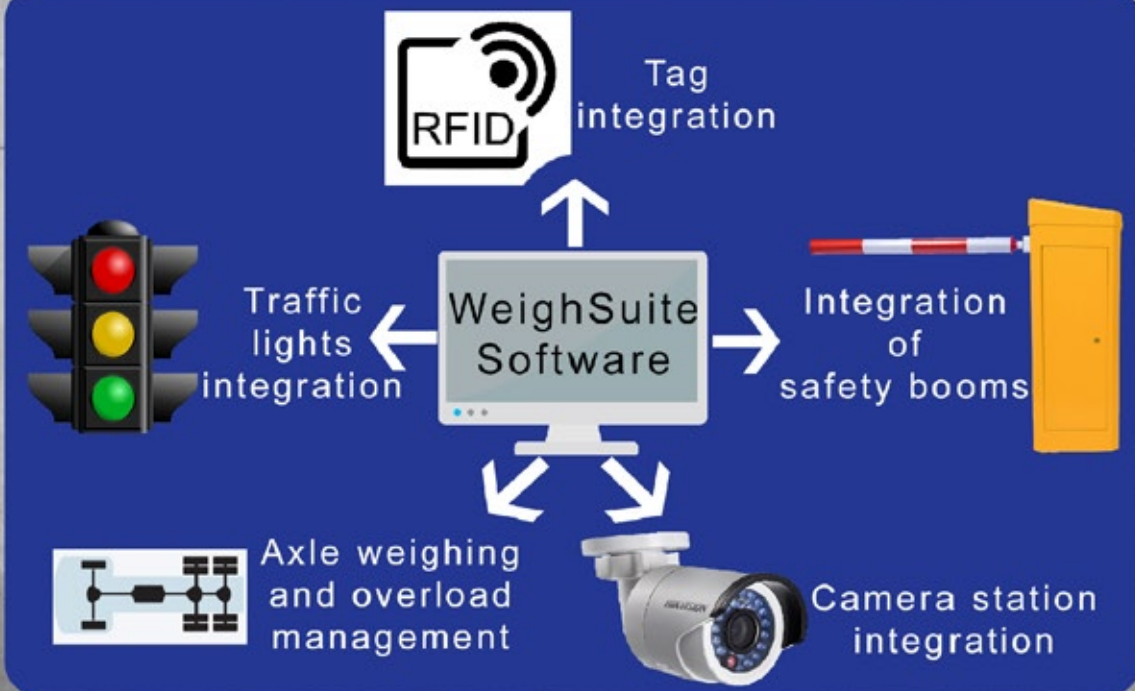
**IT1**  
Single-Deck weighbridge display



**GLR100**  
Remote display



**Brother HLL2365DW**  
Printer



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