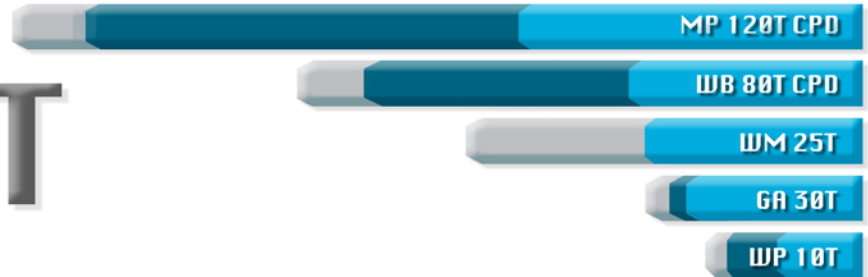




Accurately Weighing Africa



■ software ■ indicator ■ deck



WM 25 T

weighing in motion



Sasco offers an unrivaled range of both weighbridges and axle weighing solutions. This range is built on four fundamental principles namely pricing options, choice in instrumentation, reliability and durability.

THE APPLICATION

If the weighing application requires a total weight to be determined for trade purposes together with the axle loadings data then the right products are either the **MP 120T CPD** Sasco multi-deck or the **WB 80T CPD** Sasco weighbridge loaded with axle weigh software.

If the weighing application is not for trade purposes but a total weight is required for the truck as well as the individual axle loadings, then the right product can be either the **WM 25T** Sasco truck weighing in-motion, or the **GA 30T** Sasco group axle weigher or the **WP 10T** Sasco weigh pads.

The **WM 25T** differs from the **GA 30T** or the **WP 10T** in that it allows for full in-motion truck weighing at speeds of up to 15 kmph for vehicles with any number of axles.

Common applications are toll booths, border crossings, shipping gates, or logistics centers.





PRICING

The WM 25T is vastly cheaper than a multi-deck, significantly cheaper than a weighbridge, after taking into consideration Civil costs.

The WM 25T is however more expensive than the GA 30T or WP 10T due to the systems ability to weigh in motion at speeds of up to 15 kmph.

RELIABILITY

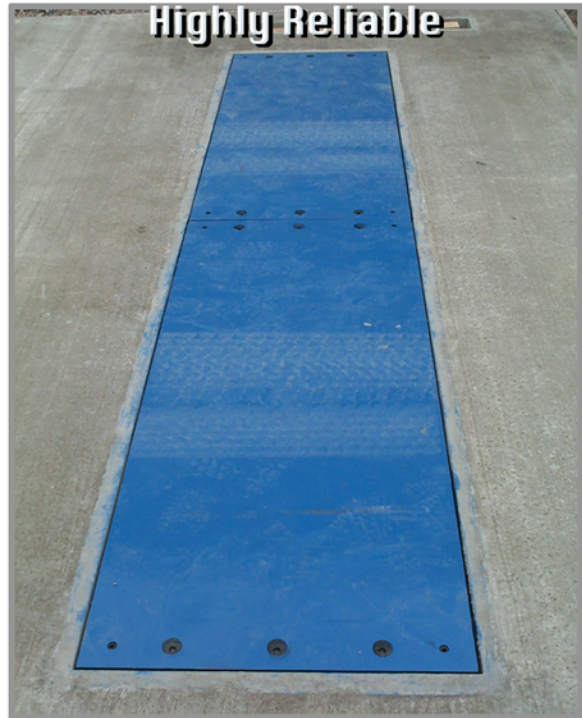
The WM 25T has no fatigue limit provided it is operated to within specifications.

The reliability of this product is evidenced by the 4-year deck warranty and the 2-year instrumentation warranty.

DURABILITY

The WM 25T is IP 66 rated meaning it is completely protected from dust and can handle strong jets of water.

Units of the WM 25T have been installed throughout the US, Mexico, Canada and South America (Columbia) in both extremely hot and extremely cold, harsh environments. This product is well suited to conditions in Africa.



INSTRUMENTATION

The WM 25T is based on weighbridge technology (with two load cells under each plate, two plates per system) thus providing a far superior accuracy and longevity than bending plate technology.

The unit is connected directly to a PC or computer network via the electronic interface unit. The PC or network is linked to Windows compatible **Weigh-In-Motion** software.

The WM 25T can be integrated with a variety of other devices including traffic lights, booms, vehicle ground loops and number recognitions cameras and RFID tagging systems.



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the best in every weigh

WEIGH-IN-MOTION SOFTWARE

- Static and dynamic weight mode
- Vehicle classifications
- Overweight indications based on vehicle classifications
- Dual traffic light support
- Configurable report generation
- Login in security
- Configuration security

SPECIFICATIONS

Specifications of the WM 25T and the and components supplied as standard are as follows:

Scale Specifications	
Rated Capacity	Dynamic weight: 22,000 kg per axle weight Static weight: 45,000kg
Accuracy Levels	Static accuracy: 99.75% In motion accuracy: 97.%, 95% confidence at < 5km/h 95.%, 95% confidence at < 20km/h
Overload Capacity	150% full scale safe overload on electronics 300% full scale safe overload on metal components
Temperature Range	-40C to +80 C operating -10C to +40 C compensated
Graduations	20 kg standard
Fatigue Life	Infinite cycles per day
Sealing Standard	IP 66 totally protected from dust and strong jets of water
Power	The scale is powered by the Load Cell Intergration Box (LCIB), which is powered from the USB port of the computer
Mounting	Pit mounted with appropriate drainage. The scale, the approaches and departures must be level. Approaches and departures must be at least one vehicle length.
Warranty	4 year warranty on steel materials 2 year warranty on electronics
Software Specifications	
Compatibility	Windows Operating System
Standard System Components	
Deck	Two metal decks, manufactured from high strength steel with diamond deck plating, assembled on site as one WM 25T unit
Instrumentation	4 ML 1100 25K load cells, plus one summation box, plus all cabling, plus LCIB
Software	One Weigh-In-Motion software package

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