GROUP AXLE WEIGHER (AW-GA)

Simple Robust Axle Weighing

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.

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 Sasco Multi-deck range or the 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 AW-WM Sasco truck weighing in-motion, or the AW-GA Sasco group axle weigher or the WP 30 T Sasco weigh pads.

The AW-GA is not a full in motion weighing system like the AW-WM however it is a cost effective and highly durable axle weighing system. Common applications include axle weighing prior or post a weighbridge as well as a whole host of heavy industrial weighing applications.

PRICING

The AW-GA is vastly cheaper than a multi-deck and significantly cheaper than a weighbridge.

The AW-GA is also significantly cheaper than the AW-WM but is more expensive than the AW-WP due to its robust construction, in ground assembly and software.

RELIABILITY

The AW-GA operates using the D-Link indicator. This is a reliable indicator with a stainless steel casing.

Both the indicator and the S16 load cells have combined errors of 0.02% operating to -10C to +40C while the load cells are also protection class IP 68.

DURABILITY

The AW-GA is a highly durable product with a warranty of 3 years on the steel structure. The steel structure is built to carry 30T axle loadings.
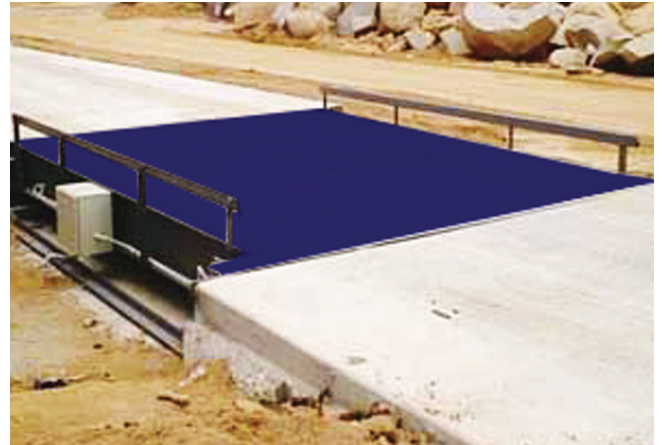
INSTRUMENTATION

The AW-GA uses four S16 load cells a D-link box to deliver digital accuracy to an D-Link indicator which is housed in a stainless steel case.

This combination of instrumentation provides for Bi-directional weighing with 99.95% accuracy and trade weighing approval.

Operating with the SI1000 indicator is software which

DD700

SASCO AxleCheck

incorporates all the all the standard weighbridge package functionality plus the ability to provide axle weighs on an individual basis.

S16 Loadcell

SASCO AXLECHECK SOFTWARE

SASCO AxleCheck

- Configurable to most indicators.
- ID protected user login.
- Operates with concurrent users.
- Captures total weight and axle loadings.
- Pre configurable overload warnings.

SPECIFICATIONS

Specifications of the AW-GA and the components supplied as standard are as follows:

SCALE SPECIFICATIONS	
Rated Capacity	30 000kg per axle
Accuracy Levels	99,95% accuracy per weighing
Overload Capacity	150% full scale overload
Temperature Range	-10C to +40C
Trade Approved	Yes
Ceiling Standard	IP68 load cells meaning dust proof and a very high degree of moisture protection, including short term submersion
Speed	One axle at a time
Mounting	Flush in ground mounting
Warranty	3 years on the deck and 12 months on the instrumentation
SOFTWARE SPECIFICATIONS	
Compatibility	Software is Windows compatable
STANDARD SYSTEM COMPONENTS	
Deck	One 3m x 4 deck with 10mm deck plate
Instrumentation	4x S16 load cells, one D-link box and one DD700 indicator
Software	One Sasco AxleCheck software