

up to  
IP68



**EASY TO INSTALL > ACCURATE > DYNAMIC OR STATIC > COST EFFECTIVE**

With only the best quality materials used in its construction, the APOLLO FIXED® axle weighing system is a British manufactured low cost, high spec axle and gross vehicle weigher.

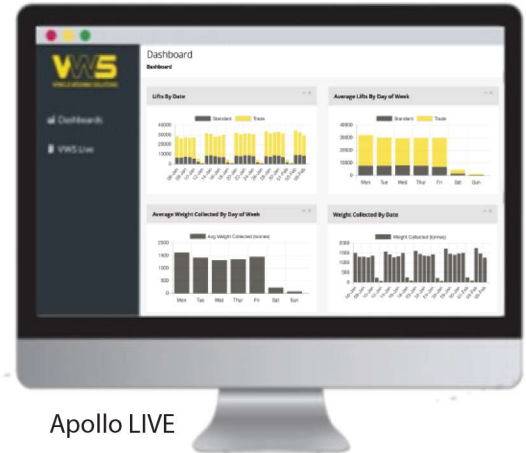
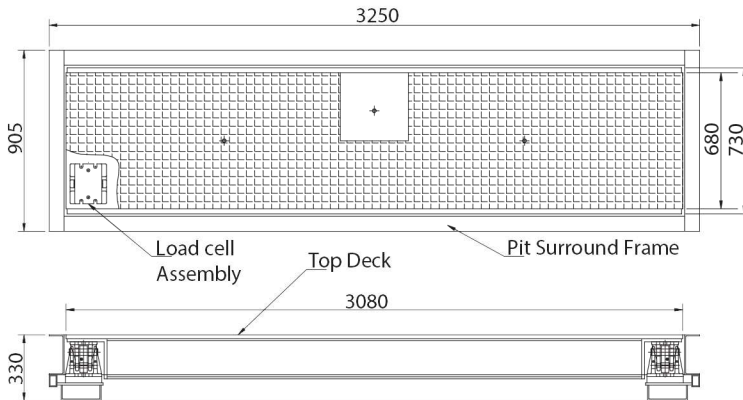
The system can be used for check-weighing, enforcement of vehicle weigh limits or overload prevention either in-motion (WIM) at low speeds

(up to 15 km/h) or statically (axle-by-axle) with 40,000 kg capacity per axle.

Accuracies in the order of  $\pm 0.1\%$  for static weighing,  $\pm 1\%$  of gross vehicle weight for up to 5 km/h and  $\pm 5\%$  of gross vehicle weight for 6 - 15 km/h weigh-in-motion are achieved.

## Features

- > Low speed Weigh-In-Motion weighing with up to  $\pm 1\%$  accuracy of gross weight achieved
- > Easy to install
- > Fully automatic and unmanned operation
- > Internal database of your vehicles ensures speedy operation & instant notification of overloads on either an individual axle, gross or permitted train weight. The internal database can report the movement of products by suppliers & customers and stores up to 100,000 transactions in the internal memory
- > Print transaction tickets, transmit transactions via the Ethernet interface or export transactions on a USB memory stick to a Laptop or PC
- > ASTM E1318-98 compliant
- > Bright, clear display for all lighting conditions
- > Alpha Numeric keypad
- > IP65 stainless steel or IP68 GRP enclosure



Apollo LIVE



AW585

## Technical Specification

### Construction

Weighbridge: 'Titan' OIML R60 compliant load cells, hardened stainless steel pins, powder coated mild steel frame, IP68  
Instrument: IP65 stainless steel

### Capacity

40,000 kg per axle

### Dimensions

Deck: 3.00 x 0.73 x 0.24 m, 20 mm thick top plate  
Weighbridge frame: 3.25 x 0.90 x 0.35 m  
Deck weight: 345 kg

### Displayed Weight / Accuracy

#### Static weighing accuracy

± 0.1% or ± 10 kg (whichever is greater) of applied load

#### Dynamic weighing accuracy 0 to 5 km/h

± 1% or ± 20 kg gross vehicle weight\*  
± 3% or ± 20 kg individual axle weight

#### Dynamic weighing accuracy 6 to 15 km/h

± 5% or ± 20 kg gross vehicle weight  
± 8% or ± 20 kg individual axle weight

\*All dynamic weighing is measured with 95% confidence

### Environmental Conditions

Operation: -10°C to +60°C humidity 90% non-condensing.

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## System components

- > Weighbridge
- > AW585 Wall Mount Controller incl. Printer

## Optional

- > Remote Display
- > Apollo LIVE System
- > RFID (Radio-frequency identification)
- > ANPR (Automatic Number Plate Recognition)
- > Broken Beam System
- > Traffic Lights
- > Barrier

We exceed our customers' expectations every time



All our products are designed and manufactured in the UK so you can rely on total quality control and quick turnarounds.

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