



# AXLE & VEHICLE WEIGHING SYSTEMS

FROM VEHICLE WEIGHING SOLUTIONS &  
APPLIED WEIGHING INTERNATIONAL



- FIXED
- SEMI-FIXED
- PORTABLE







# FIXED

Manufactured in Great Britain, the APOLLO FIXED is a high specification axle and gross vehicle weigher, designed to be configured as either a static axle weighbridge or a dynamic low-speed in-motion weighing system.

APOLLO FIXED can be used for check-weighing, vehicle weight limit enforcement and overload protection for transport operators.

The electronic weighing controller is encased within a stainless steel or ABS enclosure and can be mounted directly on an office wall or desk or enclosed in a separate cabinet for external mounting.

We have also developed software that can be integrated with RFID data or ANPR barrier control systems and can link to full invoicing suites.

## KEY FEATURES

- High-accuracy, low-speed weigh-in-motion
- Static axle-by-axle weighing
- ASTM E1318-9 compliant
- Fully automatic & unmanned operation
- Manufactured in Great Britain to ISO:9001 quality standards
- OIML R76 AW290 weigh controller
- Connection for external networking/RS232/Ethernet
- OIML R60 Class IIII approved load cells
- 40,000kg axle capacity
- 20mm thick top plate
- Large display & printer options



## APPLICATIONS INCLUDE:

Barrier control  
RFID  
ANPR  
Tolling

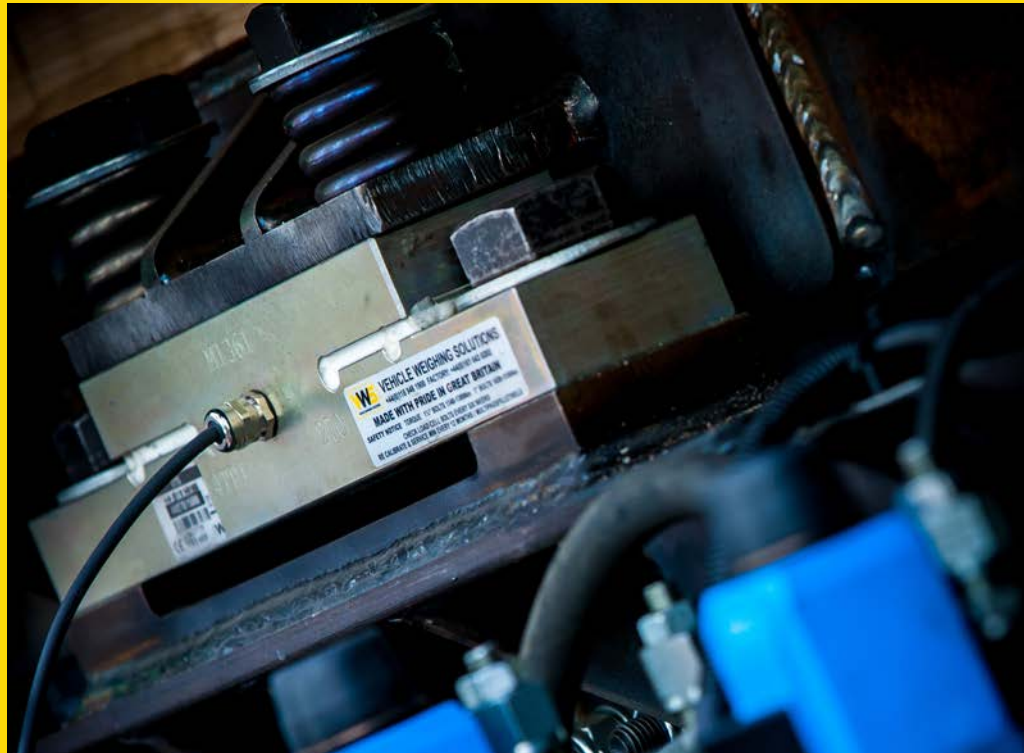
## APOLLO FIXED installation in Fujairah, United Arab Emirates

We successfully weigh over 4600 vehicles each day, across 36 weighbridges in Fujairah, UAE



/// APOLLO

# FIXED



The VWS/AWI RFID reader allows fast and accurate driver identification, linking with time-stamped truck activity data seamlessly.

By using the Intelligent Junction Box, developed by VWS and AWI, we can monitor the load cells 24/7 and if any components fail, we can efficiently deploy a suitable engineer to resolve the problem promptly, minimising any operational disruption.





# SEMI-FIXED

For tipper and tanker filling requirements, we have built ultra low profile weighbridges that weigh the rear axles and the landing legs. The tractor unit can then be removed. Data collected from the weighbridge can be sent over the air via GPRS so the operator can efficiently organise collection when the body is full or empty.



Example of 1 of 20 systems supplied to Palm Recycling. The weight of the truck is fully monitored remotely.



Vehicle Weighing Solutions can also design, manufacture and supply heavy duty or light industrial weigh bridges and weigh platforms. We manufacture the load cells and weight displays in accordance with ISO: 9001 standards.





# PORTABLE



The APOLLO PORTABLE WIM axle weighbridge is a lightweight and robust weighing system, machined from solid aircraft-grade aluminium alloy. It is suitable for weighing vehicles either in-motion (WIM) at speeds of up to 5kmph, or statically, axle by axle. Each pad is rated to 20,000kg, giving a massive capacity of 40,000kg per axle. On a good quality, flat surface, accuracy of  $\pm 0.5\%$  for static weighing and  $\pm 2\%$  for low speed weighing-in-motion can be achieved.

The APOLLO PORTABLE WIM is supplied with a real time link to a PC to record live weighing transactions. Additional wired and remote connectivity options are available, including Bluetooth and external memory drives.

It is available with OIML approval for static weighing. Smaller and lighter capacities are also available i.e. LCV and van-derived vehicle weighing.

- Portable and easy to use
- Low-speed WIM accuracy of  $\pm 2\%$
- Battery -powered with long operational use -6 days
- Bright & clear display, even in light conditions
- Weighs only 28.5kg
- Sealed and protected to IP66 rating
- Data transmission via wired or wireless connectivity
- Can be supplied with leveling ramps for WIM







# CALIBRATION & SERVICING



Vehicle Weighing Solutions and Applied Weighing International have over 30 dedicated and highly skilled engineers across the UK. We can service, maintain and support all of your vehicle weighing needs and tailor a maintenance routine that works for your business.





VEHICLE WEIGHING SOLUTIONS

the weighing experts

[sales@vwsLtd.co.uk](mailto:sales@vwsLtd.co.uk)

[www.vwsLtd.co.uk](http://www.vwsLtd.co.uk)