

PRODUCTS & SERVICES

WS
VEHICLE WEIGHING SOLUTIONS



CONTENTS

about us

bin weighing

underbody weighing

pay-by-weight

vehicle overload protection

waste management software

agricultural weighing

axle weighbridges

calibration & service



ABOUT US

Vehicle Weighing Solutions Ltd (VWS) specialises in the design, manufacture, installation, and service of on-board weighing, bin weighing, overload protection systems and waste management software.

Widely regarded as the UK market leader, we design and manufacture our load cells here in the UK to BS ISO9001 at our facility in Reading and have a service hub as well as extensive installation centre in Chesterfield.

Our weighing systems are highly regarded for accuracy and reliability and are used across a range of sectors, from local authorities and private waste management operators to highways, haulage and quarrying companies.

We have strong partnerships with associated companies including Applied Weighing International and VWS Software Solutions, both of which offer complimentary products and services, enabling us to deliver best in class systems.



BIN WEIGHING



ENVIROWEIGH is a trade certifiable dynamic bin weighing system - accurate to class Y (b). It can be installed onto most types of RCVs lifting hoists and weighs the precise weight of waste collected from wheeled bin containers during the normal loading cycle. There is no need to stop the lifter and speeds are not compromised. Each lifting chair is installed with a weighing load cell and can weigh two bins independently and simultaneously.

KEY FEATURES

- Supports recycling incentive schemes
- Can be certified for pay-by-weight services
- Rejects unwanted collections
- Pinpoint profitable or loss making customers
- Track the performance of each collection route
- Streamline routes without compromising service
- RFID tag reading available

UNDERBODY WEIGHING



LOADWEIGH is a high accuracy payload system, precision engineered by Vehicle Weighing Solutions. The onboard weighing systems can be fitted with the M350S display, which has been designed for high accuracy in rugged conditions.

LOADWEIGH helps to manage vehicle overloading by measuring the weight of the vehicle and its payload. Managing and preventing overloading reduces damage to running gear, tyres and braking systems.

Using LOADWEIGH to accurately managing weights, operators can increase profitability by reducing the risks of running light and missing revenue generating opportunities.

LOADWEIGH's high accuracy provides net, load, gross and axle weight data of +/- 0.5% fsd or better and the system features audible and visual overload alarms. The system integrates with VWS telematics and tracking systems and VWS offer unrivalled on-site service and support.

PAY-BY-WEIGHT



Where operators charge-by-weight at the point of collection or delivery from the cab or require greater accuracy. TRADEWEIGH is an approved to class III & IV chassis weighing system & installs to any type of rigid truck, perfect for waste & recycling trucks.

Engineered for heavy vehicles, the approved TRADEWEIGH onboard weigher is designed for high accuracy in rugged conditions helping operators to increase profits and protect investments.

TRADEWEIGH comprises of four, six or eight approved load cells which are mounted between the chassis and body. The 260 trade approved in cab printer or back office software connected device.

KEY FEATURES

- All types of rigid's 7.5 to 32 tonne GVW
- OIML R76 approved to Class III and IV
- Works on inclines up to 10% (1 in 20)
- Accurate to 20kg in 15,000kg
- Net and gross display
- 4, 6 or 8 load cells

VEHICLE OVERLOAD PROTECTION



VOPSTM2 is not only more accurate than its predecessor it is also easier to fit with an in-cab indicator display that gives drivers clear front and rear net, gross and axle % loads together with an audible overload alarm.

Vehicle overloads can have serious consequences and can lead to fines, endorsements and put the Operator's Licence at risk. Not only that the vehicle becomes unstable and puts undue stress on the tyres, braking systems and increases fuel usage.

VOPSTM2 is leading in it's field and provides continual, reliable data giving peace of mind to van operators and drivers by preventing overloading from occurring.

VOPSTM2 load sensors are installed between the axle and the body of vehicle to detect the load applied to the axles. It can be fitted to any commercial vehicles ranging from 3.5-16.0 tonne GVW and alerts can be linked to the vans telematics system.

WASTE MANAGEMENT SOFTWARE



PurGo waste management software has been organically designed from the ground up, working closely with operators to ensure the system provides a solution that is in tune with the needs of the industry.

It is a joined up waste collection solution, encompassing existing back office systems, in-cab & handheld devices and the waste collection crew themselves. It delivers a relevant and powerful management and intelligence tool, developed to improve operational efficiency for vehicle and waste management operators alike.

PurGo is a highly automated and exception-driven-system which offers an intuitive and easy to use interface, requiring little training and support. uniquely, PurGo has been designed to seamlessly integrate with bin weighing systems.

Customers using PurGo report huge revenue gains through the identification of additional bin lifts, which without the technology, had previously been unachievable. Using PurGo many businesses have successfully introduced pay-by-weight services, enabling more accurate billing and using PurGo, operators are now able to reject unauthorised collections.

AGRICULTURAL WEIGHING



CROPWEIGH is designed for high accuracy in rugged conditions and is the first choice for bulk transport applications, aggregates, quarries, feed delivery, bulk powder and many extreme off-road operations.

It can be fitted to any type of tipper trailer. The high accuracy weigher manages overloads by measuring the payload, minimising damage to running gear, tyres and braking systems whilst helping operators to increase profits and protect investments. The optional body inclinometer offers greater tipping safety on uneven ground.

The simple to use M350S indicator for industrial trucks gives drivers precise weight information where and when it's required. The M350S is an easy-to-read, lightweight indicator, ideal for agricultural vehicles.

KEY FEATURES

- Net load, gross & axle weights
- High accuracy +/- 0.5% fsd or better
- Overload alarm, audible or visual
- Installs on any tipper trailer
- Integrates with telematics and other connected systems
- Nationwide unrivalled on-site service

AXLE WEIGHBRIDGES



Vehicle Weighing Solutions offers a range of axle weighbridge solutions including high accuracy static weigh pads, fixed weighbridges and portable weighing in motion systems. Each of the systems are robust and offer high accuracy weighing.



APOLLO FIXED AXLE WEIGHBRIDGE

low speed weigh in motion & high accuracy static weighing system



APOLLO SEMI-FIXED

ultra low profile weighbridges that weigh the rear axles and the landing legs



APOLLO PORTABLE STATIC (PT300)

high accuracy drive-on portable wheel weigh pads



APOLLO PORTABLE WIM

low speed and static weighing solution, with each pad rated to 15,000kg

CALIBRATION & SERVICE



We recognise that quality service is as important as the quality of our products, which is why we operate a dedicated installations, service and repair centre with a team of trained and experienced mobile service engineers.

Our engineers ensure your weighing equipment is maintained and calibrated to the highest standards and repaired in a timely manner, if required.

In addition to the standard 12 month warranty supplied with all our weighing systems we recommend extending your service contract, for peace of mind.

Our extended service contracts cover the cost of replacing any defective parts, repair time and labour beyond the standard warranty period.



0118 946 1900 | www.vwsLtd.co.uk | sales@vwsLtd.co.uk

Vehicle Weighing Solutions Ltd, Unit 5 Southview Park, Marsack Street, Caversham, Reading , Berkshire, RG4 5AF