TruckWeigh®

TruckWeigh Indicator

Overload Protection – Load Optimisation

Optimised for HGV

Digital CAN bus

TruckWeigh is specifically designed for all vehicles with mechanical and/or air spring suspension. VPG Onboard Weighing has combined features of its patented axle transducer technology and proven 1155 digital indicator to provide a low cost overload monitoring and payload optimisation system. TruckWeigh is simple to install and offers cost effective overload monitoring for new and existing vehicles.

Axle Load Monitoring

TruckWeigh has no moving parts and is not susceptible to wear or slipping out of calibration because of stretched springs which are common in other axle load monitoring systems. Combinations of our patented axle transducers and/or air pressure transducers obtain the loading condition of each axle or axle group.

TruckWeigh Digital Indicator

Specially engineered for on-board use, the TruckWeigh indicator is a versatile display designed to suit a variety of trucks from 7.5 tonne to 50 tonne GVW. Its mounting flexibility ensures that it is suitable for both DIN radio mount and dash mount.

The indicator provides overload monitoring for individual axles and for the complete vehicle.

The indicator can connect to the 511 FreeWeigh handheld remote display.

Trailer Identification

Where tractor and trailer combinations are swapped, TruckWeigh automatically recognises the overload monitoring system on the trailer, so there is no need to recalibrate every time the trailer is swapped.

Packer Plate Shutdown

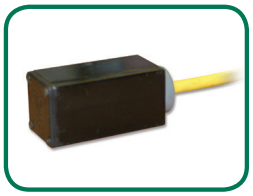
The packer plate shutdown function ensures overloading is prevented by inhibiting the compaction unit when the gross or net alarm point is reached. An override key switch allows the compaction unit to be switched back on by an authorised person.

Telematics Output

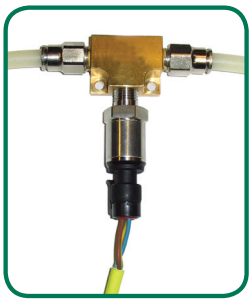
Connection to third party tracking systems is easily achieved via TruckWeigh's standard telematics output.

DIN Radio Mount

Dash Mount



Axle Transducer



Air Pressure Transducer

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vpgonboard.com

VPG ONBOARD WEIGHING

TruckWeigh

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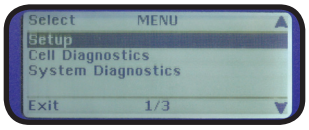
Vehicle Overload



Easy-to-set-up Menus

Axle Overload

User Defined Display

Alarm Set Points

Features and Benefits

- Accuracy—better than 2,5% (90–110% of FSD)
- Simple to operate
- Easy to fit to new and existing vehicles
- No driver input required
- Axle and gross overload warnings
- 7.5–50 tonne GVW
- Rugged for harsh environments
- AxleWatch
- Trailer identification
- Packer plate shutdown
- Overload alarm, audible or visual
- Balanced load distribution
- Maximise payload capacity
- Reduce vehicle wear and tear and fuel consumption
- Protect your licence
- Avoid fines and overload endorsements

Features	Standard	Option
Gross vehicle overload	●	
AxleWatch – individual axle overload	●	
Built in alarm sounder	●	
Trailer swap – trailer identification	●	
CAN bus	●	
RS232 output	●	
Password protection	●	
Telematics output	●	
Packer plate shutdown		●
Printer – thermal		●
Printer – heavy duty		●
Custom printer headers		●
External sounder		●
511 FreeWeigh		●

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