

# AirWeigher

## Payload Control for Air-Ride Trucks



the vehicle and bin weighing people

Weighers help companies improve profits and reduce fuel bills, vehicle wear, out of route miles and help to load and unload safely and legally.

Whether you're looking for a full weighing solution for tractor-trailers or rigid chassis applications, the VWS AirWeigher is the application for you. Incorporating a unique air sensor principle to measure the pressure in the air suspension system, AirWeigher has been designed, developed and packaged for OEM and retrofit installations.

### Rigids and RCV's

AirWeigher is convenient and accurate, it gives rigid truck operators control of the vehicle's payload for maximum vehicle utilisation. The M350S indicator provides packer-plate cut-off and outputs weight data to in-cab equipment such as printers, trackers and data storage devices.

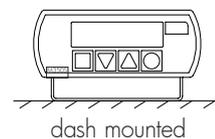
### Articulated: Air and Air or Air and Fifth Wheel

Where tractor units are installed with load axle air suspensions, air sensors are installed. For tractor units without load-axle air suspension, specifically designed fifth wheel loadcells replace the existing fifth wheel pedestals. Accurate and simple to operate and suitable for any combination of tractor-trailer in multiple fleets with trailer swap identification. The system displays front and rear axle groups as well as vehicle total weight.

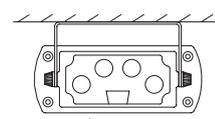
- Two audible alarms
- Net payload and gross vehicle weight
- Accurate to 1.5% or better
- Installed within one day



M350S display radio mounted



dash mounted



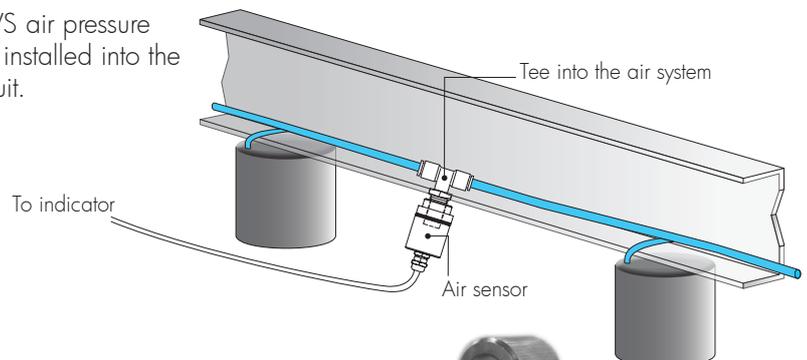
roof mounted



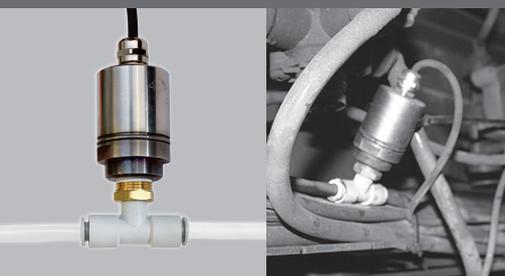
### Weigh and Display

The simple to use M350S indicator gives the driver precise weight information where and when required. Using a clear and bright organic LED, the clearest display available, the M350S is an easy-to-read, lightweight indicator. It fits neatly into spare radio slot and looks equally as good dash mount. It displays net, load and gross weights and is packed with standard features such as high security anti-tamper password operation and on-screen diagnostics. Also available weather proofed to externally mount on chassis.

The unique VWS air pressure sensor is easily installed into the existing air circuit.

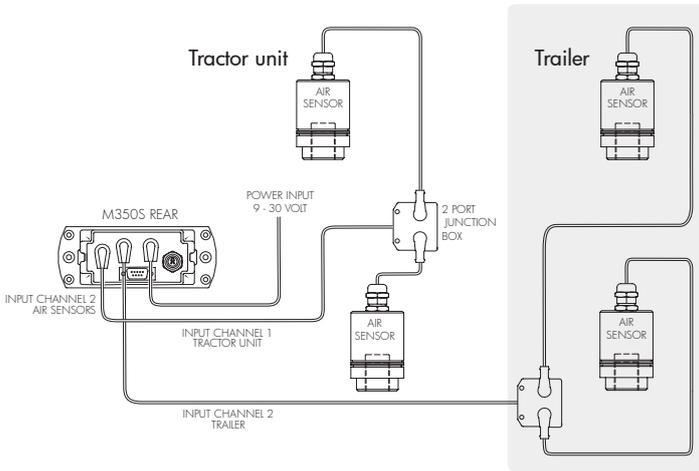


Fifth wheel loadcells to suit all major makes:  
Jost • VBG Fontaine • York

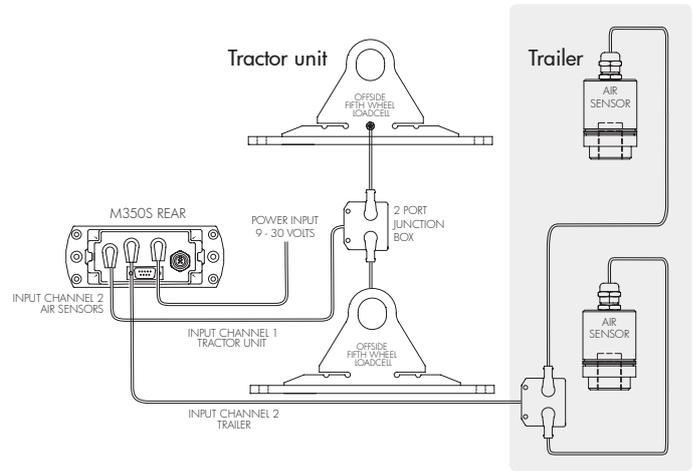


For more information call  
0118 946 1900

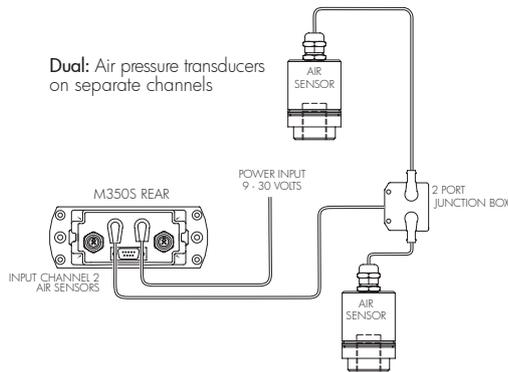
## Typical articulated all air installation



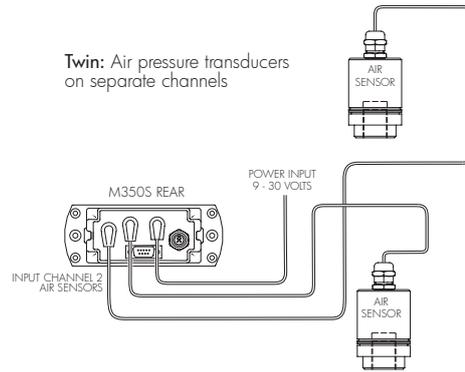
## Typical articulated air and 5<sup>th</sup> wheel installation



## Typical rigid RCV installations - All installation styles depend on the configuration of the vehicle's air system



**Dual:** Air pressure transducers on separate channels



**Twin:** Air pressure transducers on separate channels



Tractor suzi connection



Trailer suzi connection

Air Weigher M350S	standard	upgrade option
Net, load and gross weights	✓	
Two overload alarms	✓	
Analogue and CANbus input/output	✓	
High security password anti-tamper operation	✓	
Trailer identification	✓	
On-screen troubleshoot diagnostics	✓	
Mounting versatility, radio DIN, dash and panel mount	✓	
Two separate loadcell channels	✓	
On-screen service indicator	✓	
Integrates to trackers and GPS/GPRS telemetry systems	✓	
Time and date	✓	
Packer-plate shut down		✓
Data logger and storage card		✓
Scoreboard output for auxiliary displays		✓
RS232 printer output		✓
Thermal/Heavy duty/Tally roll printer		✓
Remote hand held indicator/Bluetooth to PDA's		✓
Intelligent barrier repositioning		✓
Service contracts		✓

## Watching your weight pays:

- Fines of up to £10,000
- Increased fuel consumption
- Your 'O' license is at risk
- Increased stopping distances
- Damage to underground services
- Tyres wear out prematurely
- Increased fuel usage

## On-site service, aftercare, calibrations and training

Professional on-site service keeps your onboard weigher working. Our team of experienced onboard weighing engineers - the largest of any onboard weighing company in the UK - are trained and skilled to repair all makes quickly and efficiently including: PM, Napper, Mx, and Red Forge. Help is only a phone call away, for service please call: 0161 643 0202.

## Service and calibration contracts

We offer service levels to suit all kinds of operations at very competitive and transparent pricing levels, please see our service brochure for more details.



### SALES

Vehicle Weighing Solutions  
Unit 5, Southview Park, Marsack Street,  
Caversham, READING RG4 5AF  
T: 0118 946 1900  
F: 0118 946 1862

### SERVICE

Vehicle Weighing Solutions  
Hyde Road, off Foxdenton Lane,  
Chadderton, OLDHAM M24 1QG  
T: 0161 643 0202  
F: 0161 643 2239

### INSTALLATIONS

Vehicle Weighing Solutions  
Unit 4a Sheepbridge Business Centre  
Sheepbridge Lane, CHESTERFIELD S41 9RX  
Tel: 01246 455 946  
Fax: 01246 769 665