

Active sensors for a secure load



Technical Data	Viper I - II - III
Box	100x100x42 mm in black anodised aluminium enclosure
Display	12,5 mm red LED display
Keypad	4 key membrane keypad
Connection	2 meter long - 3 wire power supply, output relay contact cable and three pressure sensors connectors
Screen	Gross or net total weight
Protection level	IP54
Power supply	12÷32 Vdc
Optional	Acoustic alarm IP55 Protective box

Technical data	Pressure Sensors
Range	10 Bar - 160 Bar - 400 Bar
Safe overload	150%
Compensated temperature	-20°÷50° C
Protection level	IP54

Advantages

- Reliable
- Excellent value for money
- User friendly
- Semitrailer or truck on board weighing
- Small dimension
- Overload alarms
- Reusable system

VIPER is an economical, extremely easy to use weight control system that immediately displays the updated weight of the load being transported by the vehicle in addition to the gross and net value. VIPER (with one or two sensor up to 10 bar) displays the updated net and gross weight on the axle with extreme precision. Direct calibration makes it a reliable and efficient instrument in addition to being simple and intuitive to use. VIPER (with three sensors) provides an immediate, precise display of the updated weight in tipping semi-trailers in terms of the total weight of the vehicle or the net value of the load. The system is installed directly on the semi-trailer, and it allows the connection of any tractor.

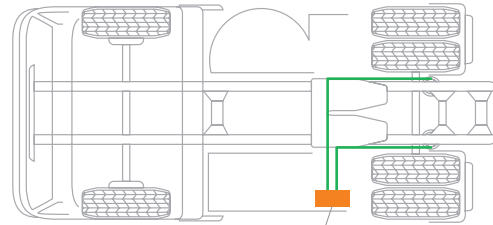


Axle load weighing

VIPER II



High precision with low cost VIPER II is an attractive user-friendly instrument that provides the immediate gross or net value reading of the weight on each axle. Easy calibration at two points: empty and full load. This makes it suitable for calibration by the operator or installer. VIPER II is a reliable and efficient load weighing system.



external or internal cab instrument

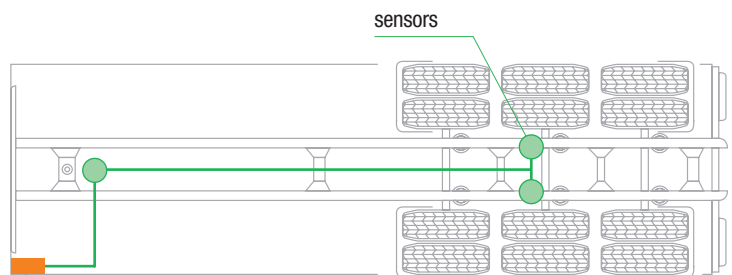
Accuracy: 0÷2%

Rear tipper weighing

VIPER III



User-friendly instrument that provides the immediate weight reading of the rear tipper. It provides with high precision the total weight of the vehicle or the net value of the load. The system is installed completely on the trailer which can then have any tractor hitched to it. The reaching of the preset maximum load transmits a signal to the operator via an external acoustic alarm.



external instrument

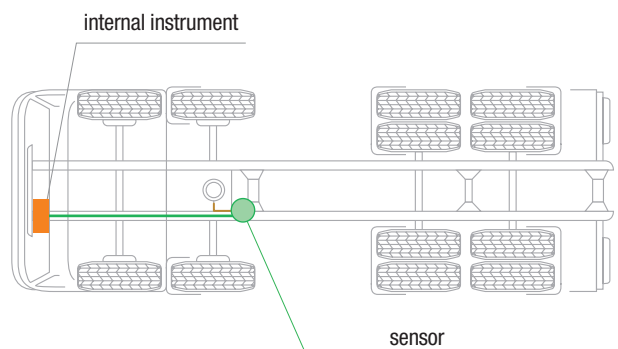
Accuracy: 0÷2%

Rear tipper load checking

VIPER I



User-friendly instrument that allows the load check by measuring the cylinder lifting pressure of the rear tipper. The system precision is guaranteed exclusively with a constant barycentre of the load.



internal instrument

sensor

Accuracy: 0÷5% with a constant barycentre