

*A user-friendly on-board weighing system for vehicles  
with or without cabs*

# **LOADLOG 500+**

**Ronin**  
Precision Farming Systems

The RDS Loadlog 500+ is a userfriendly on-board weighing system that can be used for a variety of applications including check-weighing incoming goods, lorry loading and batch blending.



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**[WWW.RONINPFS.COM](http://WWW.RONINPFS.COM)**



The **RDS Loadlog 500+** is a user-friendly single channel on-board weighing system for use on compact industrial wheeled loaders and other vehicles with a single attachment.

The system measures the hydraulic pressure in the lift cylinder and converts this to a weight using pre-calibrated data.

The Loadlog 500+ now comes with new software capabilities, reducing the influence of external factors on the system.

The head unit has an illuminated four-digit display that indicates current load, sub-total (once weight is accepted) and the total load. There is an internal audible alarm that can be set to alarm at the overload threshold. An external audible alarm is available as a further option.

#### Features:

- One channel load weight display with grand total summary.
- Static and dynamic weighing modes for full 'weighing on the lift' capability.
- Illuminated, easy to read digital LCD.
- Water and weatherproof construction - suitable for vehicles without cabs.
- Automatic speed of lift compensation.
- Printer option.
- Internal audible alarm that sounds at the overload threshold. Further external alarm available as option.
- Free-standing or panel mount options.

#### Advantages:

- Weighing during lift allows a faster operation and more loads per shift.
- Can be used for weighing in all weather conditions.
- Ensures correct loading of vehicles or product.
- Warns of potential tip-over by alarming at overload point.
- Aids stock management, enabling check weighing of incoming and out-going goods.
- Ease of use and speed compensation allows use by numerous drivers.
- Reduces vehicle movements, increasing site safety.
- Sales, service and support from specialist RDS distributors.

#### Technical details:

Operating voltage: 11 - 28 Vdc  
Temperature range: -30 to +50°C operating  
System accuracy: +/- 2% of load capacity (or better)  
Sensor range: 0-250 bar (others available)  
Warranty: 1 year  
Environmental protection: Instrument unit IP67  
Full RFI/EMI protection

#### System enhancements:



**ICP 300** - printer option for hard copy prints of load totals.

**External audible alarm** - for use in noisy environments. A variety are available dependent on application.

#### Available from:

**Ron n**  
Precision Farming Systems

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#### Also in the range:



**Loadmaster 8000i** - dual-sensor weighing for larger loaders with target weight entry, last bucket tip-off, data management and printer options.



**Loadmaster 9000i** - trade approvable weighing to MID Class Y(b) and OIML R51 & R76 (Class IIII) standards.