

RDS LoadLog 500+ Compact Loader Scale



RDS LoadLog 500+ On-Board Compact Loader Scales

Suitable for agricultural loaders, shovels, compact wheeled loaders, front-end loaders.

- Operating Voltage: 11-30 Vdc
- System accuracy: +/- 2% (or better)
- **Automatic compensation for variable speeds of lift**

The RDS LoadLog 500+ provides a low cost solution for various Industrial compact loader needs. The RDS LoadLog 500+ measures hydraulic pressure at a specific position on the lifting cycle either Dynamical (as the load is being lifted) or Static (where the load is being lifted to a pre-set reference position where it is held until a reading is calculated). The RDS LoadLog 500+ has automatic compensation for variable speeds of lift giving even greater load flexibility.

The LoadLog 500+ is a simple to use, single channel on-board weighing instrument for small loaders and for use with one attachment e.g. bucket.



User installable!



Just 1 day to install & Calibrate!



Features:

- Lumina ted, easy to read LCD display.
- Free standing or panel mounted.
- Water and weatherproof construction; suitable for vehicles without cabs.
- Automatic speed of lift compensation.
- Printing capability.
- Single Sensor system.

WEIGHING MODE The system is based on the measurement of the pressure of the lifting cylinder in the up phase (by means of the pressure transducer) and the calculation of the up speed. Accurate weight is achieved after the arm has passed the proximity switches. To perform the weighing just lift the arm keeping the motor revs constant is recommended, but not necessary. It is recommended practice to keep the lifting lever hooked and wait for the unit to give the whistle which signals when the system is performing the weighing. It is important during this the upward movement must remain constant, as must the motor revs. The machine should be level as possible and should be subjected to as few jolts as possible.

Specifications:

Operating Voltage: 11 - 30Vdc

Display 160 x 128 pixel (9.5 x 7.5cm)

Temperature range: -40 to +85°C storage, -20 to +70°C operating

System accuracy: +/- 2% of capacity (or better)

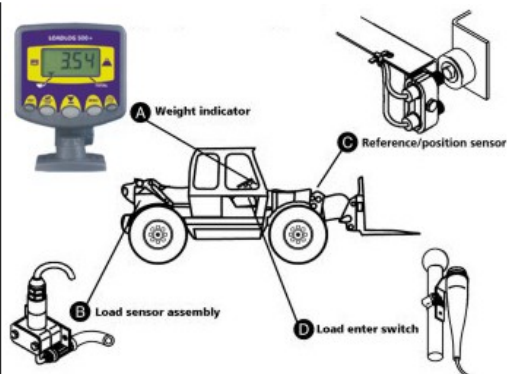
Load sensor rating: 1 Sensor: 0 - 250 bar

Env. protection: Instrument unit IP34, sensors IP65

Enclosure: Full RFI/EMI protection ABS outer casing

Dimensions: 155 x 220 x 65mm (HxWxD) 0.75kg

Systems Requirements: Your hydraulic systems meet manufactures standards. Leaks in your hydraulic system may degrade the performance this system.



ICP-300 Printer Features:

- Robust, shockproof housing.
- 5 Kbytes buffer ram allows simultaneous use of printer and instrument.
- Accepts ASCII format data.

Benefits:

- Provides legible hard-copy print-outs of machinery utilization.
- Facilitates invoice preparation.
- Provides error-free records.



What You Should Know!

What you should know about Hydraulic system.

- Do not install scale systems on any equipment that are poorly maintained.
- Hydraulic leak can degrade the performance of any system.
- Under powered equipment can cause hydraulics to surge. This is caused by over sized attachments.
- With each of our system you will receive helpful information that will increase the accuracy of your system.
- Recommended for loader's with 3 yard bucket or smaller.

What you need to calibrate scale:

• Customer is responsible for known weight if available. Calibration of this system requires a known weight. Most customers calibrate with on site with available materials. (if material on site is not near the full capacity of the loader, the weights will not be correct)

Then load a truck, verify the weight on a truck scale. Using the nudge feature, correct the calibration as needed.

Note: The weighing system is hydraulic based. The hydraulic system on the machine MUST be free of any leaks or defects. Mechanically, the machine must be sound. Free of play in boom upper structure. Any discrepancies in the areas will result in improper operation of the weighing system.

Model	Description	Price
Apex-RDS-LoadLog500+	RDS Compact Loader System	Call for Prices
Apex-RDS-LoadLog500+Printer	RDS Compact Loader System with ICP-300 Printer	Call for Prices



[Download PDF](#)



Friday January 7th, 111

Apexscales.com a division of ApexEGroup.com
 Sales Call - 1-877-852-4362
 Sales Email: Sales@ApexScales.com
 We Drop Ship Factory Direct to You!



Copyright © 1988 - 2010 All Rights Reserved
 TechSupport: 1-907-335-0224
 TechSupport Email: TechSupport@ApexScales.com
 Scale sales & service

NOTE: It is the purchaser's responsibility to determine suitability and fitness of products for purchaser's particular purpose, application or intended use.