

WHEEL LOADER SCALES L-SERIES



The LOADRITE® advantage



Unmatched service and support

LOADRITE® service and support makes us number one and we're committed to staying there. Our authorized global distribution network delivers expert product knowledge and support on site, preventing unnecessary downtime.

Every LOADRITE® product is installed by a certified technician. These technicians will not only install and calibrate the product but also provide full operator training, ensuring maximum benefit from your investment.

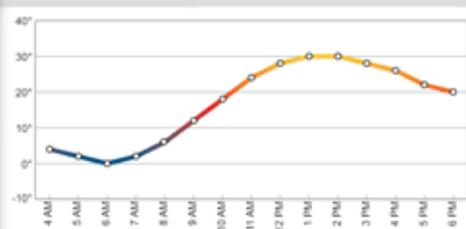
Accurate weighing any time of day

Hydraulic weighing is affected by temperature. Only LOADRITE® wheel loader systems with Friction and Ambient Compensation Technology (FACT™) compensate for hydraulic-fluid temperature, bearing, machine friction, and lubrication levels without the additional expense of extra sensors.

Accurate weighing regardless of operator

- The multipoint weighing zone of LOADRITE® wheel loader scales greatly improves the weighing accuracy for inexperienced operators and rough loading situations.
- Lift at any speed. Continuous monitoring of the arm position allows quick and accurate measurement of lift speeds and acceleration.
- Our "industry best" tip-off allows operators to make last bucket adjustments at any boom height. The unique LOADRITE® rotary trigger ensures the best possible accuracy.
- Weighing on uneven ground? Centre of gravity greatly affects the weighing accuracy. LOADRITE's® exclusive ground-slope compensation allows accurate weighing on any surface angle or ramp.

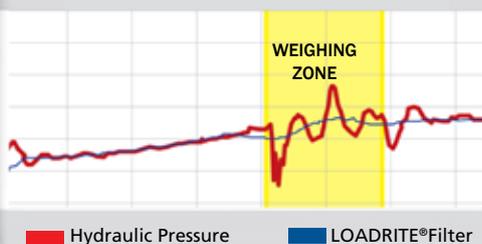
Daily Temperature Change on a Typical Site



Smooth Lift - Experienced Operator



Bouncy Lift - Inexperienced Operator



LOADRITE® Wheel loader product range



L2180

The LOADRITE® L2180 is designed to produce an accurate and consistent weight every time. Consistent weighing performance is just as important as accuracy to efficient loading operation.

Using proprietary FACT software, the L2180 calculates an accurate weight regardless of time of day, machine type, operator or temperature.

LOADRITE® is known for simplified usability and rugged reliability, with the L2180 delivering the next dimension of consistent weighing performance.



L2150

The L2150 is a high precision on board loader scale, it offers accuracy and reliability with basic data functions.

By using multiple-point triggering, speed compensation and dual pressure measurement the L2150 offers high level weighing accuracy regardless of lift speed and loader movement. All you need to know is that trucks will be loaded to the right weight first time.

Data entry and logging features of the L2150 allow you to begin monitoring the efficiency and productivity of any front end loader operation, these features are not as extensive as those of the L2180.



Force

The LOADRITE® FORCE™ is a user-friendly, high-performance basic weighing system.

It has fewer functions than some of the other LOADRITE® models, making it a fast and easy system to use.

As with the L2180 and L2150 models, the LOADRITE® FORCE has our proprietary multipoint weighing. This feature allows weighing on the move, without slowing down the operator.

The system is ideally suited for basic applications requiring accurate loading, but advanced reporting features are not needed.



The world leader in onboard weighing

LOADRITE® LEADS THE WAY

LOADRITE® offers a range of weighing systems designed for wheel loaders, from entry-level through advanced functionality options. Whether you require basic weighing information for a small loader, or greater accuracy and data-capture capabilities for production-sized loaders, we have the solution for you.

The LOADRITE® range of products became the industry leader for scales on wheel loaders, and have grown to new systems like excavator scales, conveyor belt scales, and garbage trucks.

The accuracy you can expect from a LOADRITE® weighing system is demonstrated by "Legal for Trade" approval in many countries around the world.



WHAT CAN LOADER SCALES BRING TO YOUR BUSINESS?



Increase productivity

- Prevent truck turnarounds at the weighbridge, reducing cycle times
- Sell more product without adding equipment or personnel
- Achieve consistent loading from machine operators, regardless of experience



Improve profits

- Eliminate double handling of material by loading right first time
- Avoid overload fines by ensuring trucks are loaded to the correct value
- Reduce haulage costs by avoiding unnecessary trips caused by under loading



Control costs

- Minimize fuel usage of loaders and trucks and maximize tonnes per litre
- Maximize the utilisation of the machinery already on site by identifying unused capacity
- Improve overall equipment effectiveness



Process improvement

- Track individual machine utilisation
- Know inventory and stock levels
- Monitor machine stress to schedule preventative maintenance

The anatomy of good weighing



Pressure Transducers: The pressure transducers connect to the loader's hydraulic system. They sense the hydraulic pressure in the lift cylinders as the load is lifted.

Triggers: Triggers offer precision sensing throughout the lift cycle to ensure reliable and repeatable dynamic weighing.

Indicator: Rugged design and programmed with proprietary weighing software, the LOADRITE® indicator provides an intuitive interface to the weighing system.

Slope Compensation Kit: Specially designed to compensate for ground slope and enable the indicator to deliver superior accuracy on uneven ground (optional).

Printer: See your site's productivity with the ruggedized printer providing hard copy receipts for printing of daily and weekly productivity and performance reports (optional).

Data Communication: Data-communication solutions to meet the unique needs of your operation. These options allow your loader to communicate with our Material Management System (MMS™) Software in a secure, paperless manner (optional).

Reporting solutions



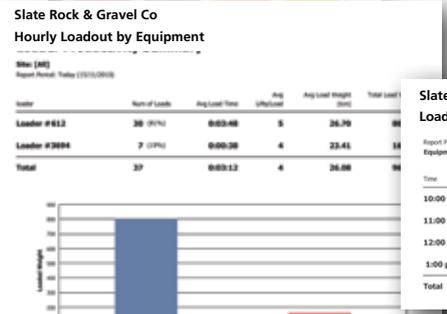
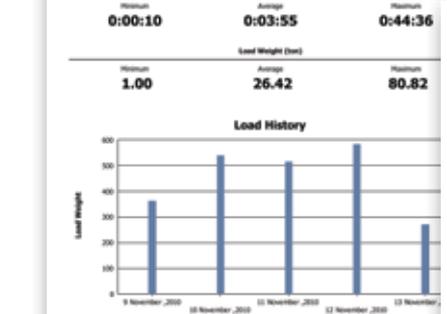
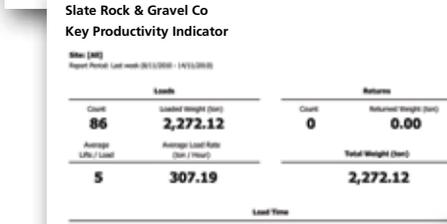
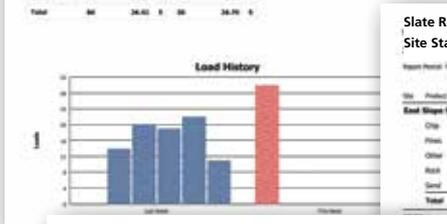
MANAGE YOUR OPERATION LIKE NEVER BEFORE

LOADRITE® Printer

The LOADRITE® Printer is an accessory for the entire range of LOADRITE® weighing systems. It can be plugged in directly and delivers instant, time-stamped and dated hard copies of all weighing information, including information on each bucket load and on the total load. The hard copy records of payload information enable traceability and allow inventory and productivity tracking.



- 1 Company name
- 2 Date and time
- 3 Customer name
- 4 Truck ID
- 5 Product name
- 6 Vehicle ID
- 7 Docket ID
- 8 Payload weights
- 9 Total truck load weight (lb, ton, kg, tonne)



LOADRITE® Material Management System

The LOADRITE® MMS brings data from mobile equipment into management information reporting designed specifically for the needs of your business.

A powerful combination of highly accurate LOADRITE® onboard scales, an array of data-communication options, and easy-to-use reporting software bring this information to your fingertips.

The result is a range of intuitive reports used to monitor productivity, stock movement and machine utilization.

Load your way



INDUSTRIES



Aggregates



Mining



Bulk Handling Waste



Transportation



Landscaping



Construction



Scrap



Agriculture



Public works



Recycling



Cartage

No matter what material you're loading, moving or managing, LOADRITE® has expertise in applying our proprietary technology to a huge variety of wheel loader applications.



SERVICE AND SUPPORT

LOADRITE® is now available with certified distributors supporting our products in over 50 countries around the world. Known for our service, LOADRITE has support offices in North America, Europe, Asia, and Australia. LOADRITE® works wherever you need us. Visit www.loadritescales.com to find your nearest distributor.

TRIMBLE: THE CONSTRUCTION TECHNOLOGY STANDARD

Trimble provides the tools and support for the extraction, processing, loadout, distribution phases of quarry production information for more efficient operations and higher profits. Contact your local dealer today to learn how easy it is to utilize technology that makes significant improvements to the aggregates workflow, optimize production, improve efficiency and lower your operating costs.

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