

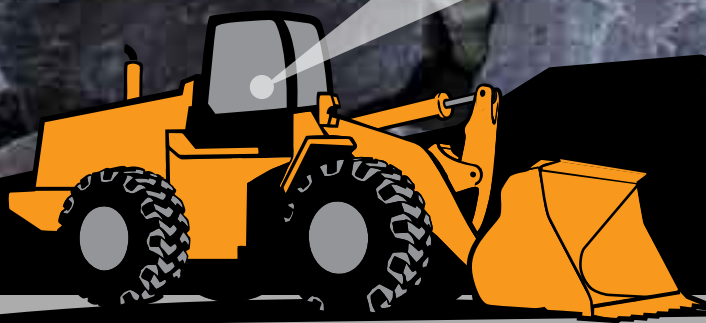
**LOADRITE®**

**L-SERIES**

**2180**

FEATURING  
**FACT™**  
TECHNOLOGY

# REDEFINE ACCURACY & PRECISION



- IS YOUR OUTPUT OPTIMISED FOR MAXIMUM PROFITS?
- DO YOU WANT TO MAXIMISE MACHINE UTILISATION AND MINIMISE FUEL USAGE?
- CAN YOU BENEFIT FROM IMPROVED EFFICIENCY?

**THE WORLD LEADER IN  
ONBOARD WEIGHING  
FOR WHEEL LOADERS**

**LOADRITE®**

# LOADRITE - ADVANCED PERFORMANCE



The LOADRITE® L-Series 2180 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™ (Friction and Ambient Compensation Technology) software, the L-2180 calculates an accurate weight, regardless of time of day, machine type, operator or temperature. Along with simplified usability and the same rugged reliability that LOADRITE® stands for, the L-2180 delivers a new dimension of consistent weighing performance.

## THE ANATOMY OF GOOD WEIGHING

- **Indicator** - rugged design and programmed with proprietary FACT™ software, the LOADRITE® indicator provides an intuitive interface to the weighing system.
- **Transducers** - specialised pressure transducers are laboratory and field tested to deliver reliable, high quality hydraulic pressure measurements.
- **Triggers** - LOADRITE® triggers offer precision sensing throughout the lift cycle to ensure reliable and repeatable dynamic weighing.



## WHAT CAN THE L-2180 BRING TO YOUR BUSINESS?

### 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

### 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

### PROCESS IMPROVEMENT

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

### SUSTAINABILITY

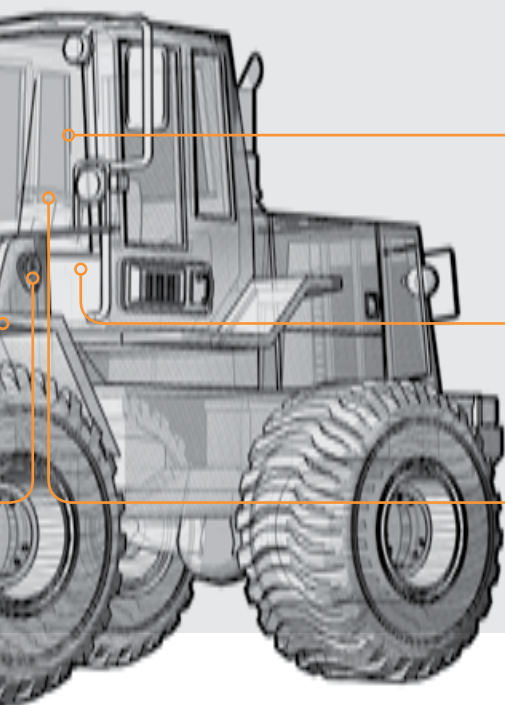
- Minimise fuel usage of loaders and trucks and maximise tonnes per litre
- Maximise the utilisation of the machinery already onsite by identifying unused capacity
- Improve overall equipment effectiveness

# PERFORMANCE IN ONBOARD WEIGHING

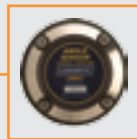
## VERSATILITY

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:

- Aggregates
- Waste/Recycling
- Bulk Handling
- Mining
- Scrap Handling
- Construction
- Landscaping
- Councils



■ **IM Series** - brings your loader to the back office with wireless (cellular and radio) connectivity solutions and data management software solutions (optional extras).



■ **Slope Compensation Kit** - specially designed to compensate for ground slope and enable the indicator to deliver superior accuracy on uneven ground (optional extra).



■ **Printer** - rugged printer provides hard copy receipts for audit tracking (optional extra).

## ACCURATE WEIGHING – ALL DAY LONG

Proprietary LOADRITE® FACT™ software, adjusts throughout the day to cope with environmental and machine changes that can affect weighing performance.

## FASTER LOADING UNDER ALL CONDITIONS

The L-2180 Active Tip-off function allows easy, quick and precise last bucket adjustment to ensure exact target weights are achieved. The optional Ground Slope Compensation kit means loading on ramps or benches is no longer an obstacle for the operator.

## TURN INFORMATION INTO DECISIONS

Powerful and intuitive software allows individual loads to be tracked by customer, truck number or job ID. This can be easily customised to match any process or operation, providing decision making information at your finger tips.

## EASY TO USE

The L-2180 features an intuitive interface that simplifies training. Any operator will be comfortable using the L-2180 and more productive from day one. This reduces operator training time and prevents errors.

# WE'VE GOT YOU COVERED!

## PRODUCTIVITY AND INVENTORY MANAGEMENT SOLUTIONS

LOADRITE® offers site wide coverage and integration of information. This information enables measurement and recording of the productivity and inventory levels of the entire operation.

The LOADRITE® Material Management System (MMS) turns weighing systems into a sophisticated production management tool. Payload data is gathered from the weighing system and customised reports can be generated to monitor productivity, stock movement and machine maintenance.

The screenshots show the following data:

**Report 1: Detail By Loader**

Product	Customer
Fines	West Contractors
Fines	West Contractors
Other	None
Sand	Cash Sale
Sand	Cash Sale

**Report 2: Detail By Product**

Loader	Customer
Big Loader	East Haulage
Big Loader	East Haulage
Big Loader	Joe's Trucking
Small Loader	Joe's Trucking
Small Loader	Joe's Trucking
Small Loader	West Contractors
Small Loader	West Contractors

**Report 3: Product Ratio**

Product	Max Load Weight	Max Load Weight	% of Total Weight	Total Load Count	Total Load Weight
Fines	23.60	80.82	42.3%	5	183.62
Rock	17.80	25.36	42.9%	8	186.26
Sand	1.00	24.10	14.8%	5	64.30
<b>Total</b>	<b>1.00</b>	<b>86.82</b>	<b>100.0%</b>	<b>18</b>	<b>434.18</b>

**Report 4: Product Detail**

Loader	Customer	Location	Truck	Function	Count	Quantity
Big Loader	Cash Sale	Upper Loadout		CLEAR_TOTAL	1.44	
Big Loader	Cash Sale	Upper Loadout		CLEAR_TOTAL	1.00	
Big Loader	Joe's Trucking	Cusher		CLEAR_TOTAL	23.94	
Big Loader	West Contractors	Lower Loadout		CLEAR_TOTAL	24.10	
Small Loader	East Haulage	Other		CLEAR_TOTAL	13.82	
<b>Total for Sand</b>					<b>5</b>	<b>64.30 (25.7%)</b>
<b>Grand Total</b>					<b>13</b>	<b>258.56 (100.0%)</b>

## UNPARALLELED SUPPORT

Thirty years in the business, plus rigorous testing means LOADRITE® products are tough enough for even the most rugged environments. Our authorised and factory trained LOADRITE® distribution network delivers expert product knowledge and support onsite, preventing unnecessary downtime.

We remain committed to our customers both before and after the sale - that is part of what makes LOADRITE® the world leader

in onboard weighing. Your LOADRITE® system will be calibrated specifically for your equipment by one of our certified LOADRITE® installers, who will provide onsite operator training and support.

Following onsite training, additional support is available from our internationally renowned network of distributors. With equipment operating in more than 40 countries worldwide, you'll find a local distributor regardless of where your workload takes you.

### YOUR LOCAL DISTRIBUTOR

### ABOUT LOADRITE®

- World leading wheel loader scale manufacturers for over 30 years
- Equipment sold in over 40 countries, in a variety of industries
- Reputation for superior accuracy and product reliability
- Manufactured under strict ISO 9000 international quality systems
- Complete service provider through worldwide factory trained and certified distribution network

