Loadrite X2650

Excavator Payload Management systems

Optimize every truck load with accurate payload measurement on the world's largest hydraulic excavators.

- The X2650 onboard payload measurement system is the most effective tool to improve face and pit productivity.
- It providesbucket-by-bucket payload information to optimize the load-out of haul trucks. The X2650 provides accurate weighing to within +3% without disruption to the normal operation of hydraulic backhoe excavators. Operators can easily weigh every bucket to determine the payload of each truck with the push of one button, ensuring maximum productivity and visibility of truck payloads.

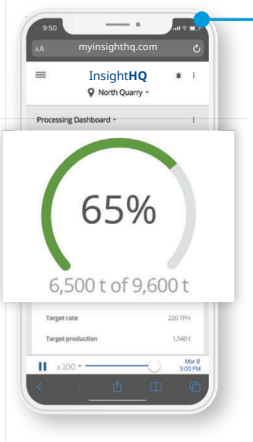
Features

- Improve profits by maximizing tons per hour and minimizing fuel costs.
- Increase productivity by preventing truck turn-around or tip-off and reducing cycle times.
- Track trucks and monitor tons moved for process improvement and benchmarking excavator and operator efficiency.
- Reduce machine down-time by optimizing load quotas, extending tire life and preventing haul road damage and haul truck maintenance costs that result from overloading.
- Load to target payload consistently to increase tons/day and improve overall equipment effectiveness.

Excavator vs. Truck scales

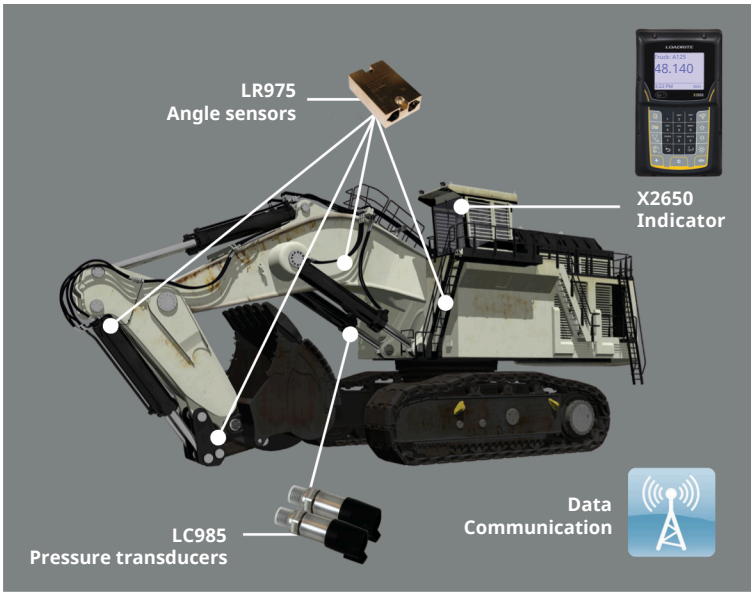
- Haul truck payload measurement systems only provide suitable information after the truck has left the load out location. The driver must then accept an under or overload, or return to the face to dump the load, all of which compromise productivity.
- An over-loaded truck may slow, and reduce cycle-times, whereas an under-loaded truck has lost the opportunity to move maximum payload. With the X2650 you can ensure payloads are on target and production levels are sufficient to maintain the life of mine estimates.

Optional Accessories & Integrations



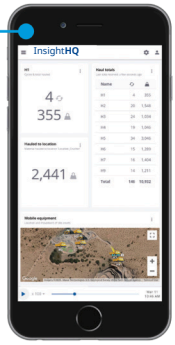
InsightHQ

Connecting your scale to InsightHQ brings all your productivity information into one easy-to-use dashboard, enabling your team to see progress against targets. You can collect productivity data from your belts, loaders, excavators, haul trucks and more into one location and access it from your desktop or smart device anywhere, anytime.



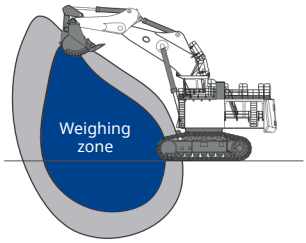
Loadrite Smart Haul

Integrate with Loadrite Smart Haul to track productivity and progress of load/haul operations to ensure you are on target to achieve your goals. Loadrite Smart Haul combines payload data from the excavator scale with haul fleet monitoring and cloud reporting to identify opportunities to move material with greater speed and efficiency.

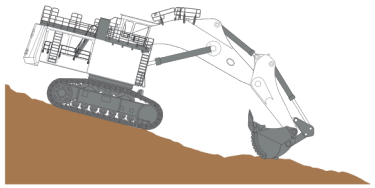


Integrate your production data with your Fleet Management system to access production metrics for reporting and analysis.

Dynamic payload weighing system for bucket-by-bucket optimization of your load-out process.



Adjustable weighing zones



Slope compensation

Specifications

Weighing Functions

- Dynamic Weighing with Ground Slope and Slew Compensation, Split Weighing (e.g. truck and trailer), Target Weighing mode, Bucket Overload Warning, Zero, Undo, Auto-Add, Auto-Clear, 4 Supported attachments.
- Data/Metrics Functions
- Data fields for up to 20 Products, Short totals, Long totals and Bucket
- Counts, plus 8 user-defined data fields with up to 1200 items each.
- 20 operator logins and in cab KPI reporting.

Power Requirements

- Supply voltage 12 to 32 V DC
- Current consumption 160 mA typical, 350 mA max.
- 3 A max. with LP950 printer
- Power supply protection ..Automotive power supply transient suppression
- exceeds SAE specifications for DC automotive power supply transients

Physical Specifications

- Indicator weight 1.5 kg (3.3 lbs)
- Indicator dimensionsW145 x L240 x D110 mm (5.7 x 9.4 x 4.3 in)
- Indicator operating temperature -10°C to 50°C (14°F to 122°F)
- Environmental protection IP69K protected pressure transducers, IP67
- protected angle sensors, IP54 protection for indicator

CONTACT AUSTRALIA'S LARGEST LOADRITE DEALER

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