DATASHEET

# Loadrite C2820

## Process monitoring for third party scales

- Track production and efficiency on your existing belt scales
- Get more data to make informed decisions
- Increase the profitability across your entire processing operation

## Remove blind spots in your crushing operation by integrating existing conveyor belt scale data into production dashboards.

While Loadrite systems provide the richest information set, you can retrofit existing belt scales with the C2820 to collect basic data including material weight, belt status, product type and downtime event information to view next to all your other Loadrite-collected productivity data.

Don't let good data go to waste. Get the information to maximize productivity and efficiency across all of your processing operations, regardless of the scale manufacturer.

## Features

- Collect basic data including material weight, belt status, product type and downtime event information from your existing conveyor scales.
- Accurately measure product made and prepare a plan to meet sales demands with integrated forecasting.
- Lower your hardware costs and easily scale with a single integrator that can pull data from up to 4 scales.
- Get visibility of your processing operations so you can make informed decisions.

## Full Plant Performance Management

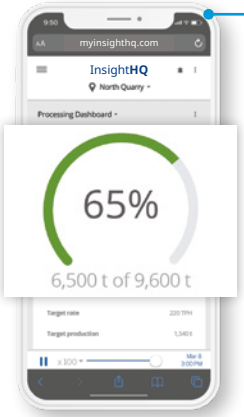
Get visibility to take greater control of processing operations with InsightHQ.

- The who: shift number
- The what: productivity, modes, assignments
- The when: real-time, scheduling

Identify all your constraints and their root causes so you can make adjustments to get more profit per ton. Test out 'what-if' scenarios with controlled experiments that are backed up by hard data. Take control of your actual vs forecast production and maximize the workflow for maximum profit.

LOADRITE®

# Optional Accessories & Integrations




## InsightHQ

Connecting your scale to InsightHQ brings all your quarry 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 Communications Interface (LCI)

The LCI provides real-time plant production data at a glance to optimize performance, report production, and capture downtime events. Identify trends and resolve issues by tracking the effectiveness of operational changes.

## Additional insights your way

Get daily and weekly reports with the Loadrite printer or have them delivered straight into your email inbox. You can also choose live streaming of weighing data to the office or on a remote display in the plant. There are a range of flexible options to suit your business.

# Specifications

### Weighing Functions

- Dynamic weighing, Total and rate display, Optional volumetric measurements display, Tracking of nine products, 4-Conveyor weighing (including virtual scales) within 1 integrator, Remote zero and Clear function, Three totalizers per scale (day, week, month or shift, day, week etc), On-scale reporting (with printer), Alarm for diagnostic error.

### Connectivity

- Data connectivity to InsightHQ via Loadrite modem for actionable insights
- Monitoring and Reporting via Loadrite printers
- Remote display support
- Screw terminal connections
- 3 communication ports
- Remote configuration

### Power Requirements

Compliance to industrial electrical standards ..... Yes
Supply voltage ..... 88 to 264 V AC
Current consumption ..... 800 mA max. @ 230 V AC
3 A max. with LP950 printer

### Physical Specifications

Indicator weight ..... 8.4 kg (18.5 lbs)
Indicator dimensions ..... W280 x L360 x D169 mm (11 x 14.4 x 6.7 in)
Indicator operating temperature ..... -10°C to 50°C (14°F to 122°F)
Environmental protection ..... Indicator protected to IP65

### Other Information

- **Supported languages:** English, French, German, Italian, Br. Portuguese, Spanish, Swedish

Contact your local dealer today

For More Information
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