Product brochure

Production and downtime reporting
INSIGHT

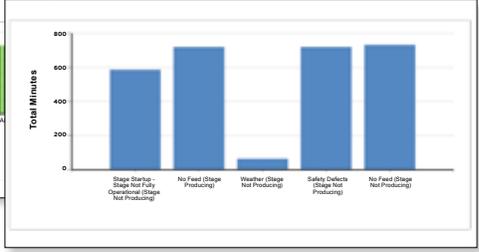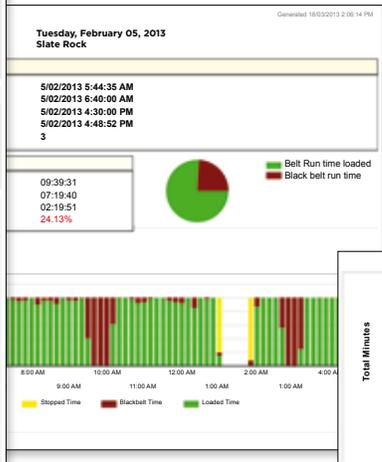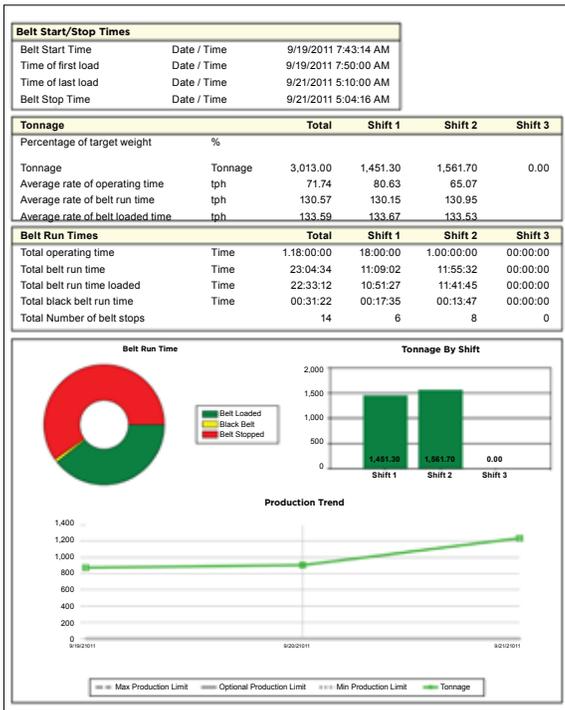## What is your plant really producing?

LOADRITE gives you the information you need to know how your operation is performing, making it easy for you to review the main profit drivers of your business. Easy-to-use reporting helps you manage your day-to-day processes and tracks the effectiveness of operational changes.

- Keep track of your production per product and optimize production modes to achieve the best product mix
- Understand the manufacturing cost for every product
- Improve your processes to manufacture more at a lower cost

Belt Start/Stop Times

Belt Start/Stop Times		
Belt Start Time	Date / Time	9/19/2011 7:43:14 AM
Time of first load	Date / Time	9/19/2011 7:50:00 AM
Time of last load	Date / Time	9/21/2011 5:10:00 AM
Belt Stop Time	Date / Time	9/21/2011 5:04:16 AM

Tonnage		Total	Shift 1	Shift 2	Shift 3
Percentage of target weight	%				
Tonnage	Tonnage	3,013.00	1,451.30	1,561.70	0.00
Average rate of operating time	tph	71.74	80.63	65.07	
Average rate of belt run time	tph	130.57	130.15	130.95	
Average rate of belt loaded time	tph	133.59	133.67	133.53	

Belt Run Times		Total	Shift 1	Shift 2	Shift 3
Total operating time	Time	1.18:00:00	18:00:00	1.00:00:00	00:00:00
Total belt run time	Time	23:04:34	11:09:02	11:55:32	00:00:00
Total belt run time loaded	Time	22:33:12	10:51:27	11:41:45	00:00:00
Total black belt run time	Time	00:31:22	00:17:35	00:13:47	00:00:00
Total Number of belt stops		14	6	8	0

Utilization summary
All critical key parameters for your plant or equipment in one report, helping you track plant utilization.

Black belt report
Track the time your plant is running, but not producing.

Downtime report
Monitor and track downtime events and understand where you can make effective plant improvements.

Benefits

- Track production efficiently and effectively to make immediate improvements
- Identify bottle necks and pinch points in your processes
- Monitor wear parts against tons processed
- Track downtime and empty belt runtime to maximize plant and machine availability and utilization
- Precisely track inventory
- Reduce inventory costs through improved production planning
- Track energy consumption against tons per hour

Why track and report?

Knowledge is power. Plant reporting systems from LOADRITE give you the power to manage your operation like never before. Get the right information at the right time – from simple on-site printed reports to industry leading web-based reporting.

How does it work?

LOADRITE Insight reports transform data from the LOADRITE C-Series conveyor belt scales into easy-to-understand reports designed specifically for your business.

Information from your plant is tracked by LOADRITE conveyor belt scales and sent to your office via Wi-Fi, cellular or radio modems. With LOADRITE Insight your managers can access real-time site information any time and from anywhere in the world.

Data communication options

LOADRITE offers a range of modern data communications solutions to meet the unique needs of every operation.

Whichever option you choose, you can be confident that data will be accurately transferred from your LOADRITE weighing system to the IM-SERIES reporting system in a secure, paperless manner.

- Wi-Fi or ethernet network
- Cellular modem
- Radio modem
- PLC integration

C1850 and printer protected within an enclosure

PRINTED AND EMAILED REPORTS

LOADRITE®
BY ACTRONIC – A TRIMBLE COMPANY

The printer delivers time-stamped and dated hard copies of all weighing information instantly and reports can be sent directly to your email inbox with a cellular modem. This is a very affordable step to help you generate powerful reports.

Using data stored in the integrator memory, you can:

- Produce period reports showing the number of times the belt started and stopped
- Review the amount of time the belt was running loaded, unloaded or below certain tons per hour
- Assess the total tons moved
- Manage energy usage and tons per kilowatt
- Monitor plant equipment utilization

LOADRITE

1	Slate Rock & Gravel Co	
2	Full Day Report	
3	ID#:	1
4	Report Printed:	
	6:01 AM 12 MAR 2013	
5	START:	
	12:00 AM 11 MAR 2013	
6	Belt Run:	5:09:43
7	Belt Loaded:	4:11:52
8	Unloaded:	0:57:51
9	Above low:	3:54:41
10	Start/Stops:	5
11	Weight:	1494.10t
12	Average tph:	290
13	Av to Max tph:	89%
14	First Load:	6:35 AM
15	Last Load:	4.45 PM
16	E Total:	980.0 kWh
17	E Rate:	1.525 t/kWh

1. The name of conveyor, product or company
2. Description of the report
3. Conveyor ID Number
4. The time the report was printed
5. The beginning of the reporting period (time and date)
6. The total amount of time the belt ran
7. Time the belt ran above the minimum load
8. Time the belt ran below the minimum load
9. Time the belt ran above target low load threshold (0-80% of max load)
10. The number of times the belt started
11. The total weight moved during the period
12. The average 'rate' of the period
13. The average 'rate' compared to the expected maximum rate selected at installation
14. The time of day the belt first ran 'loaded'
15. The time of day the belt last ran 'loaded'
16. Total energy consumption for the period (optional sensor required)
17. Energy consumed per ton (optional sensor required)

Wheel loader scales

Excavator scales

Fixed belt scales

Mobile belt scales

Refuse truck scales

Forklift scales

Choose LOADRITE

- World-leading onboard weighing manufacturers since 1979
- Equipment sold in over 50 countries, into the most rugged of industries
- Reputation for superior accuracy and product reliability
- Manufactured under strict ISO9001 international quality systems
- Complete service provider through our fully-authorized and certified global-distribution network

Need more proof?
www.loadritescales.com

ADV-50227B

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