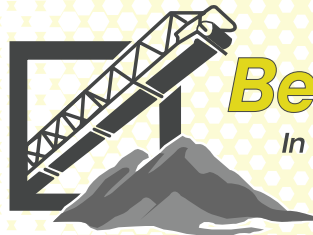# Belt-Way Scales
In Motion Weighing Solutions

ROLL-R

Low-Profile/Portable Conveyor Belt Scales

Accommodates Any Style Conveyor

The Belt-Way ROLL-R Scale was specially designed for use on portable equipment such as rock crushers and screeners. The ROLL-R scale is extremely easy to install and gives the user the option to eliminate a dedicated conveyor for the belt scale. Crushers and screeners are very diverse, so Belt-Way designed the ROLL-R scale to be very flexible. It can be installed in between two idlers or be used in place of an existing idler, and there are three options that will fit almost any width conveyor. Please contact Belt-Way to confirm that the ROLL-R is the right type of belt scale for your application.

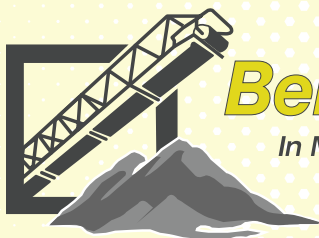## Belt-Way Scales
In Motion Weighing Solutions

Bulletin No. B100A

- Ultra-low profile design

- Internal speed sensor installed inside the roller

- Scale solution for the following types of machines: KPI-JCI FT4250, McCloskey Screener, Metso Nordberg LT, Powerscreen Chieftain Screen, Rubblemaster RM90, Sandvick QJ340+

- Minimal fabrication required for installation compared to standard model belt scales

SPECIFICATIONS	
3 Width Options	**Standard:** Fits machine frame 45.5 to 70.5 inch frame, **Wide:** Fits machine frame 67.5 to 92.5 inch frame, **Narrow:** Fits machine frame 37.5 to 62.5 inch frame
Calibration	Material test calibration required, automatic zero adjustment
Alarms	Load cell failure, belt speed zero
Integrator	Utilizes standard Belt-Way integrator
Communications	Ethernet port supports Modbus/TCP, USB port for data download and firmware updates
Display	Large color graphic display with multi-language support
Electrical Ratings	**Input Power:** 12-30 VDC, 24 VDC 2.25A Max **AC Power Option:** Input: 100-240 VAC, 1A Max, 50-60Hz; Output: 24 VDC, 2.25A Max
Operating Temperature	-20 C to +45 C (-4 F to +113 F)
Load Cell Inputs	Eight independent cell inputs; 9 VDC-250mA nominal supply; +2 mV/VDC (option 3mV/VDC) nominal signal; 350 OHMS load cell resistance
On-Board Memory	1,080 hours of internal memory storage
Online Reporting and Smart Phone App	Each integrator is equipped to connect to Plant Connect

Belt-Way Scales
In Motion Weighing Solutions
A Division of Cardinal Scale Manufacturing Co.

102 E. Daugherty
Webb City, Missouri 64870
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