IN-MOTION
BELT SCALE SYSTEM
Easy-to-read display shows rate, speed, real-time load, and total material weighed across the belt since last reset. Configuration is intuitive and fast.

**Standard Features**

- Large 4.6”W x 3.4”H 320 x 240 pixel back-lit LCD graphical display
- NEMA 4X/IP66 stainless steel display enclosure
- Four bidirectional communication ports
- Rate and speed time displayed by the hour, minute or second
- Measurement displayed in feet or meters
- Unit of rate displayed in tons, pounds, kilograms, metric tons, or long tons
- Digital I/O for totalizer
- Analog outputs optional
- Alarm outputs optional
- For added security, integrator has the ability to be password protected
- Available communication protocol cards include Rockwell Automation’s DeviceNet™, Rockwell Automation’s Remote I/O, Rockwell Automation’s EtherNet/IP™, Profinet® DP, 4-20mA analog output, Ethernet TCP/IP
- Standard serial RS-232, RS-485, and 20mA current loop
- Configurable ticket printing
- Built-in support for ticket printing

**Components**

- Four laterally opposed shear beam load cells mounted in a unitized single idler scale frame
- Signal trim TuffSeal™ environmentally sealed junction box, expandable for multi-idler applications
- Non-contact proximity sensor encoder on an 8” speed wheel
- Magnetic shaft encoder
- 920i®-based belt scale integrator supports up to four weigh idlers (16 load cells per A/D card)
- Test weight hangers and weights

**Specifications**

- **Conveyor Widths:** 18” to 72”
- **Capacity:** Up to 10,000 tph
- **Belt Speed:** Up to 1,200 fpm
- **Accuracy:** From ±0.50%
- **Applications:** Mining, quarries, bulk material blending, process control applications, utilities, truck/barge/rail loading, retrofit applications

**Approvals**

- CE
- UL
- cUL

For added security, this integrator has the ability to be password protected.

Available communication protocol cards include Rockwell Automation’s DeviceNet™, Rockwell Automation’s Remote I/O, Rockwell Automation’s EtherNet/IP™, Profinet® DP, 4-20mA analog output, Ethernet TCP/IP.

**For added security, this integrator has the ability to be password protected.**

Available communication protocol cards include Rockwell Automation’s DeviceNet™, Rockwell Automation’s Remote I/O, Rockwell Automation’s EtherNet/IP™, Profinet® DP, 4-20mA analog output, Ethernet TCP/IP.

**For added security, this integrator has the ability to be password protected.**

Available communication protocol cards include Rockwell Automation’s DeviceNet™, Rockwell Automation’s Remote I/O, Rockwell Automation’s EtherNet/IP™, Profinet® DP, 4-20mA analog output, Ethernet TCP/IP.

Available communication protocol cards include Rockwell Automation’s DeviceNet™, Rockwell Automation’s Remote I/O, Rockwell Automation’s EtherNet/IP™, Profinet® DP, 4-20mA analog output, Ethernet TCP/IP.