



HQ Scales, Inc
measurement in motion

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hq scales.com

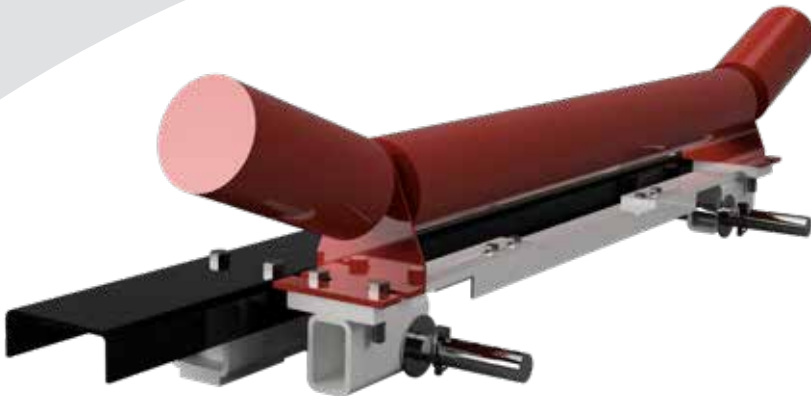
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MOBILE SCALE

BOLT-IN DESIGN

- Conveyors with Channel Mount Idlers
- 2 OIML load cell floating design
- Low profile design



APPLICATIONS

- Production
- Inventory
- Flow Rate Monitoring
- Truck & Rail Car Loading
- Contract Crushing
- Loadout
- Transloading

MACHINE TYPES

- Mobile Track Mounted Conveyors
- Conveyors with Cantilever Wing Style Idlers



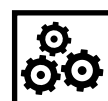
ACCURACY

+/- 1% at 20-100% of Scale Capacity
and Dependent on Conveyor Type



RELIABILITY

Rugged Hardware and Software



EASE OF USE

Simple User Interface & WIFI Webpage

MOBILE SCALE SPECS

PWT1000 INTEGRATOR:

Power	12-24 VDC, 650 mA OR 110 VAC, 150 mA
Enclosure Dimensions	8 x 8 x 4 inches
Protection Class	IP 67 & Nema 4X equivalent
Operating Temperature	-40 to 65 Degrees Celsius
Overlay Keypad	Tactile, Embossed buttons
Display	2.42 inch OLED
Sensor Inputs	up to 4 Load Cells 1 Speed Sensor 1 Angle Sensor
Ethernet Port	Modbus TCP, WiFi HQ Webpage
RS-485 Port	Scoreboard Display Compatible
Accessory Power Out	12-24VDC Power Out
Optional	IO Board: 2 analog outputs 2 digital outputs

WEIGHBRIDGE:

Load Cell Assemblies	Easy Bolt-In Design with two OIML load cells
Capacities	60kg, 100kg, 200kg, or 350kg
Rated Output	2.0 mV/V +/-5%
Cable	50 ft
Output Impedance	350 Ohm
Input Impedance	410 Ohm
Load Cell Operating Temperature	-30 to 60 Degrees Celsius
Protection Class	IP66 / IP67
Wiring	Red (EXC+) Black (EXC-) Green (SIG+) White (SIG-)



Connect to the
HQ Webpage!



SPEED SENSOR:

Cable	50 ft
Pulses per Revolution	10 Pulses
Wheel Diameter	6 inches
Voltage	5 - 24 VDC
Material	Anodized Aluminum, Powder Coated Steel, Cast Iron Wheel
Wiring	Red (+5V) Black (GND) White (SIG)
Sensor Type	Hall Effect Proximity
Operating Temperature	-40 to 65 Degrees Celsius

APPLICATION RANGES:

Load Cell Capacity	TPH Range *	FPM Range *	Expected Accuracy
60 kg	5 - 200	10 - 250	+/- 1% at 20-100% of load cell capacity
100 kg	50 - 450	100 - 500	+/- 1% at 20-100% of load cell capacity
200 kg	450 - 800	250 - 750	+/- 1% at 20-100% of load cell capacity
350 kg	800 - 3000	300 - 1500	+/- 1% at 20-100% of load cell capacity

*This chart is a general guideline. If your application range falls outside the ranges listed above, please contact sales at HQ Scales! We can help pinpoint the best scale capacity for your specific application.