VISHAY PRECISION GROUP

MT Series Mining Truck Scales

Evergreen Weigh

A Brand of VPG On-Board Weighing

Product Sheet

High-Capacity Heavy Equipment Scales

Features

- On-site weighing of trucks and equipment
- Increase vehicle, tire, and equipment life by controlling weight
- Conduct weight studies to determine operating efficiency
- Haul maximum pay loads without wearing out truck and equipment without decreasing truck and equipment life
- Capacities ranging from 160,000 to 1,000,000 pounds
- Steel construction; dimensions variable based on capacity
- Two or four weighbridge configurations
- Sealed for all weather environments
- **Options:** Ramps, printer, field calibration kit

Applications

- Mining operations
- Quarry operations
- Tire manufacturing
- Truck manufacturing
- Off road heavy equipment operations
- Reclamation operations
- Preventative maintenance programs

For more information, contact us at +1-301-722-6000

www.obwvpg.com

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High-Capacity Heavy Equipment Scales

MT Series Mining Truck Scales are heavy-capacity axle scales designed to weigh mining trucks and other heavy off road equipment. Built to rugged specifications, these systems are accurate, reliable, and portable. Most platforms can be picked up by a small crane to load onto transport vehicles, but are rugged and built to last.

A typical system consists of a portable battery-powered indicator, battery charger, color-coded cables, ramps, and 2 to 4 weighbridges. When used with our full-function digital indicator, readouts of individual scale pads, axle weights, or total vehicle weights are provided.

All systems incorporate stainless-steel load cells with triple redundant sealing to protect against moisture ingress. A fully electronic digital indicator with internal 12 VDC power ensures reliability and accuracy. Adapters are available for external AC or DC power.

Configuration	
Platforms	
Configuration	2 or 4 portable platforms
Overload Capacity	Stationary load to twice the rated load without damage
Construction	Beam and angle construction, with diamond-tread plate
Lifting	Each platform can be lifted by 4 retracted “U” bolts in the top or by 4 clevises on the side
Load Cells	
Type	Twin-beam strain gage load cells
Number per Platform	4 to 6
Construction	Stainless Steel, epoxy painted for environmental protection
Sealing	Redundant sealing for moisture and environmental protection
Overload Capacity	Each load cell will support twice the rated load without damage
Cables, Color-Coded	
Configuration	4-conductor shielded cables, with polyurethane jacket
Connectors	Sealed military type connectors
Load cell cables are joined at a junction box on the side of the platform	

Digital Full Function Indicator, Reads Either Platform or Total of All (Part No. 8500906-02)	
Display	Liquid Crystal Display (LCD)
Reading	lb.- or kg-programmable
Inputs	1 to 4 channels, 2 channels normally used
Input Sensitivity	0.35 microvolts per graduation
Accuracy	±0.5% (with approaches leveled and firm support for platforms)
Power	12 VDC, with internal battery
Battery Life	30-hour operation
AC Power	115 VAC to 12 VDC
Protection	0.7 Amp circuit breaker
Excitation Voltage	5.0 VDC to the load cells
Calibration	10-point calibration
Temperature	Operating: –10°F to +120°F; storage: –30°F to +150°F
Enclosure	9" H x 7" L x 11" W, with closed cover
Communications	RS-232 serial output