

WALZ

PRODUCT LINE



PRODUCT LINE

ABOUT WALZ

Walz is a leading global supplier and service support provider of heavy-duty truck scales and precision weighing systems for use in transportation, agriculture, chemical, laboratory, aggregate, waste, recycling, and mining applications. For nearly half a century, Walz has provided the highest level of weighing products and local support to customers.

In addition to offering one of the widest selections of truck scales, Walz has one of the largest global service and support organizations for on-board scales, portable truck scales and mining scale applications. From truck scale rentals to long-term, fixed weighbridge truck scale installations, Walz offers solutions tailored to unique customer needs.



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SCANNERS

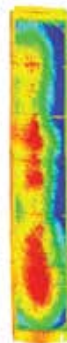
WLS INDUSTRIAL LOAD SCANNER

THE WALZ WLS SYSTEM IS AN AUTOMATED SOLUTION FOR THE ACCURATE VOLUMETRIC MEASUREMENT OF VEHICLE LOADS. IT IS DESIGNED TO PERFORM IN THE HARSHTEST OF OUTDOOR CONDITIONS CONTINUOUSLY WITHOUT OPERATOR INPUT.

WLS WALZ LOAD SCANNER

SPECS

- Volumetric truck load scanner system
- Typical Accuracy +/- 1%
- Dynamic / in-motion load scanning operation
- Built-in ticketing system
- Graphical load images
- Real-time load volume measurement system
- Cloud-based reporting
- IOS/Android app integration
- Simple installation
- Simple operation
- Outdoor rated hardware
- IP69K enclosure rating
- Includes 12 month software subscription



MOUNTING HOOD

- Provides advanced environmental protection for the sensors & allows for simple mounting to a pole

LASER SENSORS

- Quantity & sensor models are dependent on WLS Series model

HD CAMERA

- Optional item providing HD image analysis

WALZ CONTROLLER

- Windows based PC platform with network connections

SYSTEM POWER SUPPLY AND JUNCTION BOX

- Cable connection location with network switch

SCANNERS

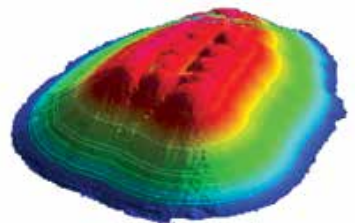
WALZ BELT SCANNER

HIGH-ACCURACY, LOW MAINTENANCE
BELT MEASUREMENT



THE TECHNOLOGY

Walz develops new volumetric scanning technology for material measurement on belts. This optical belt scale technology allows operations to accurately measure material flow on belts of various sizes. This new technology is a direct replacement of the traditional belt scales that typically require regular maintenance and calibrations.





LOAD SCANNER

WBS WALZ BELT SCANNER

SPECS

- Works with most belts
- Non-contact design
- Accuracy: +/- 1%
- Tablet / smartphone interface
- Cloud-based reporting
- Simple installation

PRODUCTION MONITORING

- Real-time data
- Wireless connectivity
- PC interface
- Plug and play design

RUGGEDIZED DESIGN

- IP67 rated hardware
- Simple mounting
- 24 VDC
- Field proven design

NO MAINTENANCE DESIGN

- Laser technology
- Non-contact measurement
- No need for annual calibrations
- Built for tough environments

SCANNERS

WLS-R RAIL CAR LOAD SCANNER

WLS-R TRAIN LOAD SCANNER

SPECS

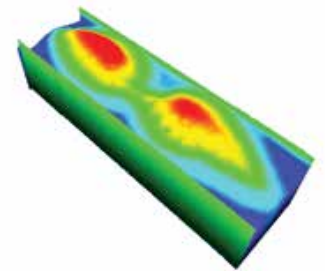
- Volumetric load scanner
- Accuracy +/- 1%
- Provides accurate load volumes on open top rail cars
- Dynamic / in-motion load scanning operation
- Built-in ticketing system
- Graphical 2D load images
- Real-time load volume measurement
- Cloud-based reporting
- IOS/Android app integration
- Includes 12 month software subscription



THE VOLUMETRIC TRAIN LOAD SCANNER SYSTEM PROVIDES OPERATIONS WITH THE ABILITY TO DYNAMICALLY SCAN AND MEASURE RAIL CAR VOLUMES IN REAL-TIME. THIS NEW TECHNOLOGY PROVIDES A WEALTH OF BENEFITS FROM CARRIED VOLUME MEASUREMENT TO CARRY-BACK MONITORING.

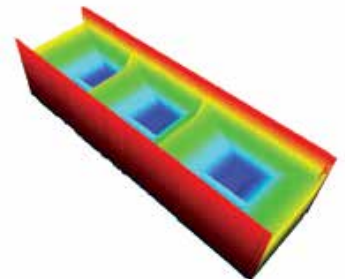
VOLUME MEASUREMENT

- Scans and measures each rail car dynamically
- Generates accurate load volumes for each loaded rail car
- Data is stored locally and optionally pushed to the cloud for data analysis and reporting



CAR LOAD IMAGERY

- In-motion operation with extreme accuracy
- Simple setup and operation
- High definition load images per rail car
- Built-in ticketing system
- Includes cloud-based data management



CARRY-BACK MONITORING

- Monitoring and alerts for carry-back

WLS-M MINING LOAD SCANNER

WLS PAYLOAD SCANNER DELIVERS ACCURATE VOLUMETRIC LOAD CALCULATIONS FOR HAULAGE ASSETS DYNAMICALLY.



**ARTICULATED
MINING TRUCKS**

**RIGID FRAME
MINING TRUCKS**

**UNDERGROUND
MINING TRUCKS**



THE TECHNOLOGY

The Walz Load Scanner System utilizes laser technology and advanced algorithms to provide a dynamic non-contact solution for managing material truck loads. This technology is poised to revolutionize the bulk material transportation industry.

The Walz Payload Scanner System has been designed to interface directly with mine site data infrastructure systems. This allows the data to be delivered to the key mine site personnel for monitoring and analysis.





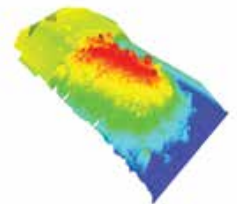
WLS-M OFF ROAD TRUCK VOLUMETRIC SCANNER SYSTEM

SPECS

- Volumetric load scanner for off-road trucks
- Accuracy +/- 1%
- Designed for operations with a known truck fleet
- Dynamic / in-motion load scanning operation
- Built-in ticketing system
- Graphical 2D load images
- Real-time load volume measurement system
- Cloud-based reporting
- IOS/Android app integration
- Includes 12 month software subscription

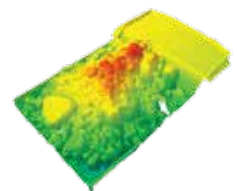
PRODUCTION MONITORING

- Autonomous operation
- Real-time load volumes
- Real-time load position analysis
- Production alerts



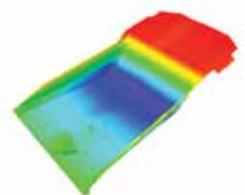
MATERIAL DENSITY

- Real-time material density per load
- Autonomous operation
- Mine dispatch interface



CARRY-BACK MONITORING

- Real-time carry-back monitoring
- Carry-back alerts to dispatch
- Auto adjust for production tracking
- Autonomous operation



SCALES

PORTABLE MINING AXLE SCALE

**PORTABLE AXLE SCALES FOR
HEAVY-DUTY MINING TRUCKS**

PORTABLE MINING AXLE SCALE

The mining truck axle scale systems are constructed for longevity in order to provide many years of consistent, dependable service while reducing on-going maintenance requirements. The mining series of portable mining truck scales are meant to be used on earth foundations, allowing mine sites to transport their scales directly to their haulage assets.

PORTABLE MINING AXLE SCALE

SPECS

AXW-110 110 TON PORTABLE AXLE SCALE

- 110 ton axle capacity
- Pad dimensions: 40.5" X 40.5"
- Aluminum or steel construction
- Portable transport crate included
- Spare cabling included
- Water protected design
- Qty (2) pads (sold in pairs)

AXM-600 600 TON PORTABLE AXLE SCALE

- 600 ton axle capacity
- Pad dimensions: 94" X 84"
- Steel construction
- Lifting eyes
- Waterproof design
- Light weight for easy transport
- Qty (4) pads

AXM-300 300 TON PORTABLE AXLE SCALE

- 300 ton axle capacity
- Pad dimensions: 94" X 84"
- Steel construction
- Lifting eyes
- Waterproof design
- Light weight for easy transport
- Qty (2) pads (sold in pairs)

AXM-800 800 TON PORTABLE AXLE SCALE

- 800 ton axle capacity
- Pad dimensions: 94.5" X 157"
- Steel construction
- Lifting eyes
- Waterproof design
- Light weight for easy transport
- Qty (2) pads (sold in pairs)

SCALES

PORTABLE AXLE SCALE

DESIGNED FOR EASY TRANSPORTATION, WALZ PORTABLE AXLE SCALES ENSURE ACCURATE MEASUREMENTS WHEREVER YOU NEED THEM.

THE TECHNOLOGY

Walz offers a wide range of portable axle scales to support your specific needs. As with all Walz products, the portable axle scales are built to work in your tough environments.

Featuring a low-maintenance design built for extreme durability, Walz portable scales ensure accurate measurements for years to come.

PORTABLE AXLE SCALES

SPECS

AXW-20-AS

- Designed for basic weighing
- 40,000 lb axle capacity
- Pad dimensions: 27.5" X 17"
- Aluminum construction
- Built-in weight display
- Rechargeable battery operation
- Pre-calibrated & ready to weigh

AXW-45-AS

- Designed for heavy-duty weighing
- 90,000 lb axle capacity
- Pad dimensions: 31.5" X 27.5"
- Aluminum construction
- Transport crate and spare cabling included
- Water protected design
- Weighing terminal included

AXW-30-AS

- Designed for advanced weighing functions
- 60,000 lb axle capacity
- Pad dimensions: 31.5" X 17"
- Aluminum construction
- Portable transport cases included
- Water protected design
- Pre-calibrated & ready to weigh

AXW-110

- 110 ton axle capacity
- Pad dimensions: 40.5" X 40.5"
- Aluminum or steel construction
- Portable transport crate included
- Spare cabling included
- Water protected design
- Qty (2) pads (sold in pairs)

AXHD-7-AS

- 7' Long platform
- 60,000 lb axle capacity
- Heavy-duty steel construction
- Removable ramps
- Yellow safety stripe
- Heavy-duty load cell design
- Lifting eyes for easy transport
- Pre-calibrated and ready to weigh

AXHD-11-AS

- 11' Long platform
- 60,000 lb axle capacity
- Heavy-duty steel construction
- Removable ramps
- Yellow safety stripe
- Heavy-duty load cell design
- Lifting eyes for easy transport
- Pre-calibrated and ready to weigh



SCALES

PORTABLE TRUCK SCALE

WALZ OFFERS A WIDE RANGE OF PORTABLE TRUCK SCALE OPTIONS TO FIT EVERY APPLICATION

THE TECHNOLOGY

The Walz portable truck scale is constructed with a steel-deck scale for weighing over-the-road or off-road vehicles. This portable truck scale system is ideal for construction, demolition, logging, sand, gravel, and other operations that move from one job site to another.



WALZ PORTABLE TRUCK SCALES

SPECS

AG-SERIES

- Designed for permanent mounting to concrete foundation
- NTEP approved “Legal-For-Trade”
- Modular design
- Steel deck construction
- Galvanized stands and link components
- Epoxy paint
- Tension suspension
- Multiple sizes available

PT-SERIES

- Designed for portable use on earth foundations
- NTEP approved “Legal-For-Trade”
- Modular design
- Steel-deck construction
- Galvanized stands and link components
- Epoxy paint
- Tension suspension
- Multiple sizes available

SCALES

ON-BOARD FORKLIFT SCALE

LT-100 LIFT TRUCK SCALE

SPECS

- Hydraulic scale system
- Simple installation
- Simple operation
- LED display
- Printer interface
- Accuracy 95% or better

LT-200 LIFT TRUCK SCALE

SPECS

- Load cell based scale system
- Mounts to existing truck carriage
- Simple operation
- Accuracy 99% or better



BASIC SCALE SYSTEM

The hydraulic model on-board forklift scale system, the LT-100, is an ideal solution for those looking to track production data and freight loads. In-field installation provides consistent weights thanks to our integral weighing system behind our hydraulic forklift scales.



Our LT-200 lift truck / forklift scale system provides significantly increased weighing accuracy due to our load cell sensor technology.

COMPLETE KIT

- DC powered weight terminal
- Pressure sensor
- Power cable
- Installation manual

SIMPLE INSTALLATION

- Easy plug connections
- Built-in printer connection
- 12VDC power
- Mounting bracket included

EASY OPERATION

- Simple 5 button front panel
- Backlit display
- Steel housing
- Print loads and totals

SCALES

SKID STEER LOADER SCALE

ON-BOARD WEIGHING SYSTEMS

Walz Scale offers a wide range of on-board weighing systems designed for skid steer loaders, from entry-level through advanced functionality options. Whether you require

basic skid steer loader weighing information or advanced data collection features, Walz Scale has the selection of skid steer loader scales to best meet your needs.

COMPLETE KIT

- DC powered weight terminal
- Pressure sensor
- Power cable
- Installation manual

SIMPLE INSTALLATION

- Easy plug connections
- Built-in printer connection
- 12VDC power
- Mounting bracket included

EASY OPERATION

- Simple 5 button front panel
- Backlit display
- Steel housing
- Print loads and totals



SKID STEER SCALES

SPECS

SS-100 SKID STEER SCALE

- Hydraulic scale system
- Kit includes weight terminal, pressure sensor, & manual
- Simple installation
- DC power
- Designed for heavy-duty industrial use
- Optional hydraulic adaptor fittings available
- Accuracy 95% or better

SCALES

CONVEYOR BELT SCALE

WM100 SCALE FITS ANY WIDTH CONVEYOR

Walz conveyor belt scales are custom-integrated to suit your unique application. From logistics and warehousing to mining and industrial applications, Walz provides conveyor belt scales for a wide range of needs.

CONVEYOR BELT SCALES

SPECS

WM100 BELT SCALE SYSTEM

- High accuracy belt scale
- Accuracy +/- 1%
- Kit includes weight terminal, belt weighing frame, belt speed sensor & fittings
- Simple installation process
- AC or DC power
- Designed for heavy-duty industrial use
- Works with virtually all belt conveyors
- Optional hydraulic adaptor fittings available

STATIONARY PLANTS

- Accurate, repeatable tracking of product totals and ratios
- High resolution weighing of all products
- The patented self-aligning weigh-bridge accurately measures the force of material

PORTABLE PLANTS

- Uniquely suited for all portable applications
- Modular design allows for installation on virtually any style conveyor
- Automatic angle compensation eliminates the need for recalibration

CATENARY IDLER APPLICATIONS

- Easy installation and repeatable performance
- Accurate weighing on catenary style idlers
- Automatic angle compensation eliminates error

LOAD-OUT

- High accuracy at all flow rates
- Includes flow rates of up to 10,000 tons per hour
- Built-in load-out controls provide automated cutoff at user defined load amounts

SCALES

JACK STAND SCALE

EMPTY VEHICLE WEIGHT MANAGEMENT

Walz Scale “Jack” or Lift Stand Scale System is developed in-house for operations to track and monitor actual empty vehicle weights on their haulage assets.

This fully portable system works with your jack stand & lifts and is designed to be used with your existing facilities hydraulic lift stands, providing accurate empty weight verification on your haulage assets with extreme accuracy of +/- 0.1%.

JACK STAND SCALES

SPECS

- Designed to work with your existing jack and lift stands
- High accuracy of 99.9%
- Capacities available for 5 - 400 tons
- Multiple digital display options
- Designed for harsh environments

REAL-TIME WEIGHTS

- Providing extremely accurate empty weights in real-time, ideal for managing all your vehicle empty weights
- Allows operations to maximize target payloads and minimizing overloads and machine component failure

EMPTY WEIGHT VERIFICATION

- Developed for operations to monitor and track actual empty vehicle weights on their haulage assets
- Fully portable systems are designed to be used with your facilities existing hydraulic lift stands
- Provides accurate empty weight verification on your haulage assets with +/- 0.1%

EQUIPMENT RENTAL

RENTAL EQUIPMENT AND ON-SITE PRODUCTION MONITORING SERVICES

RENT TRUCK SCALES, RAIL SCALES, & MORE



ADVANCED TRUCK SCALES & PAYLOAD MANAGEMENT SOLUTIONS

Walz provides additional services to meet customer needs, including equipment rentals and on-site production monitoring. Boasting a comprehensive rental inventory as well as short and long-term options, Walz has you covered no matter the situation. In fact, many of the scale systems can be shipped on the same day and installed within minutes at your job site.

When it comes to payloads, accuracy and efficiency are of paramount importance. With on-site production monitoring, Walz delivers insights that lead to reduced overloads in the pit, improved unit availability and maximized operator efficiency. Schedule a visit with Walz and expect professional, total support.



ON-SITE MINING PAYLOAD SERVICES

- Empty vehicle weight verification
- Target payload verification
- Weight distribution analysis
- TPMS verification
- SPMS verification
- OTR tire load analysis
- Body fill factor analysis
- Load placement analysis

PORTABLE TRUCK SCALES & WEIGHBRIDGES

- Short and long term truck scale rental services
- Expansive fleet of portable weighing scales
- On-site setup is available for all truck scales and weighbridges
- Portable axle scales available for rent
- Large portable scale pads for weighing vehicles with oversized tires and loads

PORTABLE RAIL SCALES

- Verify rail car weights (trains and locomotives)
- Inventory control
- Wheel balancing
- General purpose weighing
- Short term train scale options
- Portable rail scale operation
- On-site rail weighing in 15 minutes

DYNAMIC VOLUMETRIC LOAD SCANNING

- Verify truck body & tray design
- Fill factor monitoring
- Load position monitoring
- Volumetric production monitoring
- Material density
- Carry back monitoring

NAME

COMPANY

PHONE NUMBER

WALZ

656 HIGH POINT LANE, EAST PEORIA, IL 61611

WalzScale.com

TOLL FREE 800 747 0701 LOCAL 309 694 3200 FAX 309 694 3285