

Over 88 Years of Innovation™

# MTW-MS

## MOBILE TRAIN WEIGHER

# “TAKE THE SCALE TO THE TRAIN”

## TRAIN WEIGHING & BALANCING SYSTEM



### KEY FEATURES:

- Wired or Wireless System
- Easy operation - User friendly
- Four easy steps to install (2 persons - approx. 30 -45mins/system)
- Easily transportable
- Loadcell based system
- Wheel, axle, bogie and total train weight
- Connectivity up to 8 x MTW™ bases
- Fits into any gauge of track
- Fits most rail sizes
- PC based controller

The MTW™ is a Mobile Train Weighing System that can be transported easily, either in the train being weighed or in a standard car and set up to statically weigh and spot check a rail vehicle / train anywhere at anytime.

It offers one of the world's most convenient, safe & accurate train weighing solutions.

The MTW™-MS (Multi-System) is a load cell based rail weighing system which fits to the inner sides of most conventional rails. When the wheel flange rolls up the ramp, the wheel's tyre is raised just clear of the rail head and weighed. The advantage of weighing axle by axle is that there is no restriction with regards to wagon type. It is factory pre-calibrated, so that no transport of test weights or calibrated wagons are required.

### BENEFITS:

- Multiple Base, Mobile Scale for Train Weighing and Balancing
- Minimal track downtime during installation
- No costly civil works required
- No test train required for calibration
- Calibration certificate supplied with each system.

### 4 easy steps to install:



Measuring the height to determine packer size



Attaching the Rail Shoe



Inserting the MTW into the track and expanding the system via the threaded support poles



Connecting the cables, wireless option also available



MTW-S8 Controller pictured

Pelican Hardcase with PC based controller and built-in printer for wired S4, S6, S8 & S12 systems.

Approx. Dimensions  
60cm x 48cm x 30cm

**TRAKBLAZE**  
MINING, RAIL, ROAD & AIRCRAFT WEIGHING SYSTEMS

# MTW-MS

## TECHNICAL DATA



Instructional Video

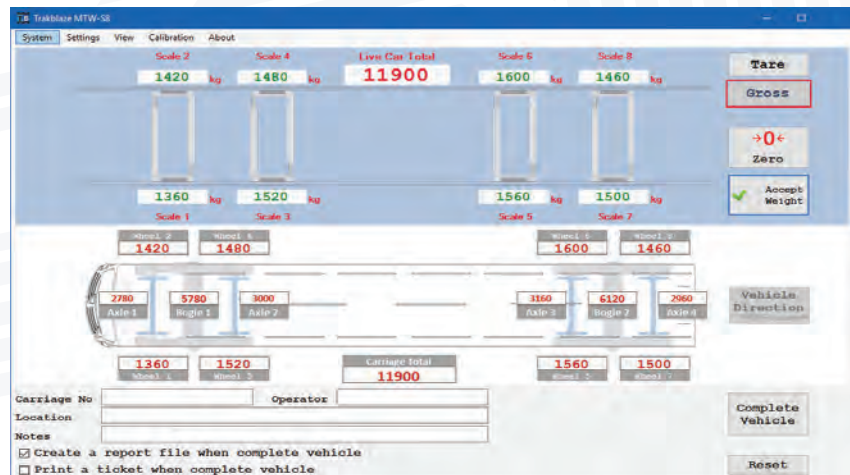
### (TRAIN WEIGHING & BALANCING SYSTEM)

Length	Each base unit from 560 to 600mm
Approx. Weight	20kg -100kgs
Materials	High quality tool and mild steel
Capacity	15t / wheel, 30t / axle + heavy duty systems available
Increment Size	0.02t
Protection Class	IP-68 / IP-65
Temperature	-20°C ~ +70°C
Mounting	Rail shoes to fit rail type
Installation Time	15 ~ 30 minutes (two persons)
Accuracy	Loadcells calibrated statically to +/-50kg but achieving this accurately is subject to good track condition and rolling stock

Base Configurations - S4 : (2xAxle/1xWagon-Bogie)  
 S6 : (3xAxle/1xLocomotive-Bogie)  
 S8 : (4xAxle/1xRailcar-Wagon)  
 S12 : (6xAxle/1xLocomotive)  
 other combinations available on request



MTW-MS in Rail Workshop

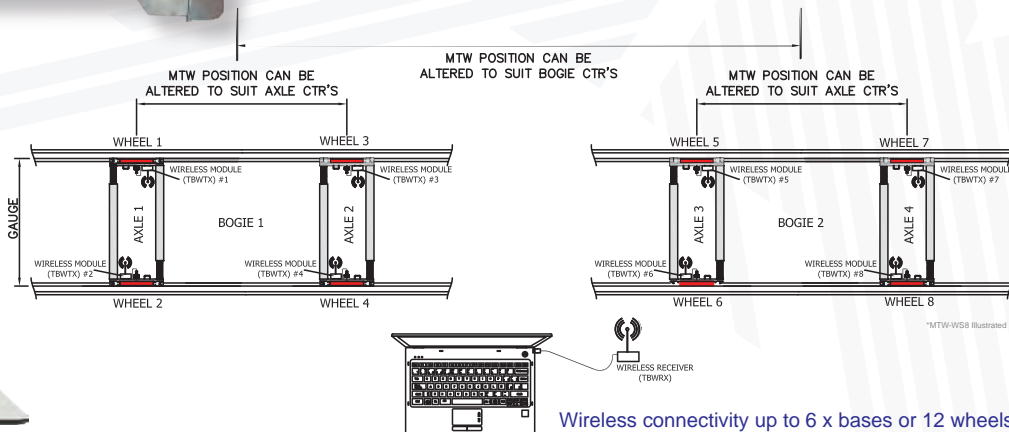


Standard PC software displays and records all the weighing results

### wireless connectivity illustration



illustrated PC: Laptop may vary



Wireless connectivity up to 6 x bases or 12 wheels



MINING, RAIL, ROAD & AVIATION WEIGHING SYSTEMS

Over 88 Years of Innovation

Trakblaze Pty Ltd

5 Mareno Road, Tullamarine 3043 Victoria Australia

Tel: +61 3 9318 9277

Fax: +61 3 9318 9533

Email: info@trakblaze.com Web: www.trakblaze.com