



## Static or In-Motion Mobile Train Weigher

### Take the Scale to the Train

The **MTW** is a mobile train weighing system designed for both stationary and in-motion weighing, allowing rail vehicles to be weighed and spot-checked anytime, anywhere. It provides one of the world's most convenient, safe, and accurate train weighing solutions.

The MTW features a chassis arrangement with an integrated load cell, ensuring that weight is applied directly to the load cell rather than through the rail.

In a multiple MTW configuration, each base can be aligned with the axle spacing of the vehicle being weighed, eliminating restrictions on wagon type.

The MTW is factory pre-calibrated, eliminating the need for transporting test weights.



### FEATURES:

- User friendly
- Four easy steps to install (2 men - approx. 15 minutes)
- Transportable in the boot of a car
- Loadcell based system
- In-motion or Static weighing
- Wireless options available
- Wheel, axle, bogie & total vehicle weight
- Multiple MTW's can be combined together
- Fits all recognised rail gauges
- Fits most rail sizes
- Instant printout or download to any device via internet

### 4 Easy Steps to Install:



### BENEFITS:

- No track downtime during installation
- No costly civil works required
- Battery operated
- Simple operation



**Dynamic/Static Weighing**  
Rugged controller paired with a laptop or tablet



**Rugged Tablet or Laptop**  
Equipped with TB software and a USB-connected wireless receiver

## TECHNICAL DATA MTW-S

Length	560 ~ 600 ~ 656mm
Approx. Weight	20kg - 100kg
Power Supply	240V AC / 12V internal battery
Materials	High quality tool and mild steel
Capacity (max)	17.5t / wheel, 35t / axle
Increment size	0.02t
Protection class	IP-67 / IP-65
Temperature	-20°C - +70°C
Mounting	Rail shoe to fit rail type
Installation time	10 - 15 minutes (two men)
Accuracy	± 0.5% Subject to good truck condition and rolling stock

Note: Subject to change without notice. Images are for illustration purposes only.  
Accuracies may vary based on site conditions and vehicle operation.

## TECHNICAL DATA MTW-D

Length	560 ~ 600 ~ 656mm
Approx. Weight	20kg - 100kg
Power Supply	240V AC / 12V internal battery
Materials	High quality tool and mild steel
Capacity (max)	17.5t / wheel, 35t / axle
Increment size	0.05t
Protection class	IP-67 / IP-65
Temperature	-20°C - +70°C
Mounting	Rail shoe to fit rail type
Installation time	approx. 10 - 15 minutes (two men)
Accuracy	2 - 3%. Less than 1% under ideal conditions

Note: Subject to change without notice. Images are for illustration purposes only.  
Speeds and accuracies may vary based on site conditions and vehicle operation.

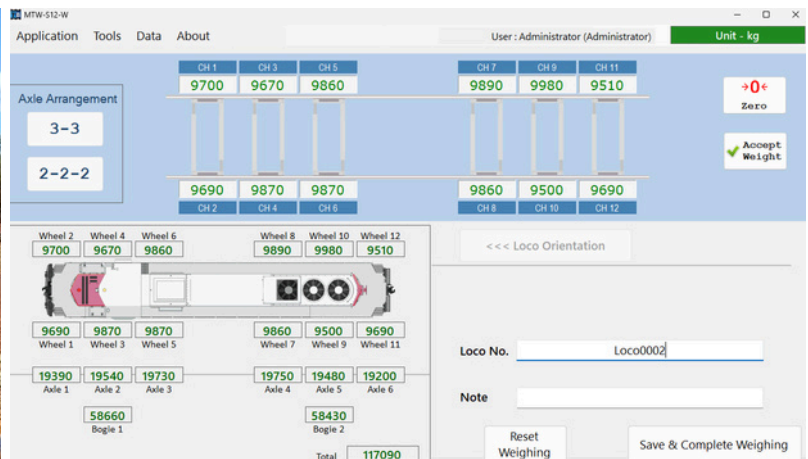


MTW-MS (Multiple Systems)

MTW-MSW  
(Multiple Systems - Wireless)



MTW Storage box)



MTW Software (6 Axle)

A/N	Wheel 1	Wheel 2	Axle Total	WC	km/h
Locomotive					
F	5350 kg	5850 kg	11200 kg	0	4.7
F	5350 kg	5850 kg	11200 kg	0	4.5
F	5350 kg	5850 kg	11200 kg	0	4.3
F	5350 kg	5850 kg	11200 kg	0	4.3
F	5350 kg	5850 kg	11200 kg	0	4.2
F	5350 kg	5850 kg	11200 kg	0	4.2
Wagon 1					
1	5350 kg	5850 kg	11200 kg	0	4.4
2	5350 kg	5850 kg	11200 kg	0	4.3
3	5350 kg	5850 kg	11200 kg	0	4.2
4	5350 kg	5850 kg	11200 kg	0	4.3
			44800 kg		
			Total wagon weight		
			44800 kg		

Sample of Printout  
from built in printer