

PTW

Portable Train Weigher (Static & In-Motion)

The PTW is a train weighing system that can be transported in the trunk of a car or utility/pickup and set up to weigh and spot check a rail vehicle/train anywhere.

The PTW is a loadcell based system which is clamped to the inner sides of most conventional rail. When the wheel flange rolls up the ramp, the rail vehicle's wheel's tyre is raised just clear of the rail head and weighed. The advantage of the PTW weighing axle-by-axle is that there is no restriction with regards to wagon type. The Trakblaze PTW is pre-calibrated, so no transport of test weights or calibrated wagons are required - (individual wheel weights can also be obtained).

The PTW offers one of the world's most convenient, safe and accurate portable solutions in train weighing.

FEATURES

- User friendly
 - Five easy steps to install - (2 men - approximately 15 minutes)
 - Transportable in the trunk of a car or pickup
 - Loadcell based system
 - 'In Motion' or 'Static' weighing
 - Axle weight and total train weight
 - Individual wheel weight (optional)
 - Fits into any gauge of track
 - Fits most rail sizes
- Instant printout or download to PC

Length:	From 600mm
Approx. Weight:	From 150kg - 41kg heaviest
Power Supply:	12V - battery & charger supplied
Materials:	High quality tool & mild steel
Capacity:	17.5t / wheel, 35t / axle
Increment Size:	0.05t
Protection Class:	IP-68 / IP-65
Temperature Range:	-20°C ~ +70°C
Mounting:	Rail keys to fit rail type
Installation Time:	10 - 15 minutes (two men)
Weighing Speed:	Up to 5km/h
Accuracy (approx.):	2% - 3% (Ideal conditions allow better than 1%)



Benefits:

- No track downtime during installation
- No costly civil works required
- No test train required for calibration



Battery operated digital readout with built-in printer in carry case

The PTW Consists of:

- 2 x loadcells
- 2 x scale main bodies
- 1 x set of shoes (to suit nominated rail type)
- 1 x set of spacers
- 1 x height measuring rod (to suit nominated track gauge)
- 1 x weight indicator and printer housed in carry case
- 2 x rechargeable batteries
- 1 x battery charger
- 1 x spanner
- 1 x cable set
- 1 x operation manual



PTW dismantled in its transport / storage box



4 Easy Steps for Installation:



1. The PTW ready to be assembled



2. Putting the PTW together



3. Select the location & check railhead wear



4. Positioning the PTW into the track

This system is not legal for trade use and is not designed to be left in the track for long period of time. (Approx. 2 ~ 4 hours)