

## PTW1 – Heavy Duty System



Patent Approved

### PORTABLE, 'IN-MOTION' TRAIN WEIGHING SYSTEM

Weighwell Engineering Ltd were the first company to provide portable train weighing systems. Today with over 25 years experience and knowledge we continue to be the industry leaders with 100's of systems worldwide.

The Weighwell PTW1 Heavy Duty (HD) System is a portable, dynamic rail weighing system that allows the 'in-motion' weighing of axles, wagons and trains. It can be carried by two men to a rail vehicle in any location and installed in just 15 minutes.

The PTW1 HD is designed to identify individual axle weight overloads that, if undetected, could lead to excessive wear and stress to wheel profiles, axle boxes, bearings, gear boxes, final drive units and suspension components.

The PTW1 HD is an ideal solution in arduous environments to provide check-weighing results for the heavy industrial steel, cement, gypsum and minerals markets.

#### KEY BENEFITS OF THE PTW1 HEAVY DUTY SYSTEM

- More robust and can withstand an increased weighing range of 40 tonne per axle.
- No costly civil works required.
- No modifications to existing rail.
- Portable, quick and easy to install.
- Axle by axle weighing ensures there is no restriction on wagon type.
- The load cells are sealed so that reliable operation is possible, even under poor conditions.

The PTW1 HD is the first portable 'in-motion' rail weighing system that can be installed without alterations to the track or foundations. Used for any length of time, it provides reliable, accurate check weighing of all types of trains.