

Weighwell

Weighwell Engineering: Revolutionising Train Weighing Solutions Since 1997

Weighwell Engineering Ltd is a global specialist in train weighing and has been supplying the patented Portable Train Weigher (PTW) since 1997. Invented by Founder and Managing Director Paul Horsfall, the PTW is an integral part of train manufacture, overhaul and maintenance operations.

An everyday focus within the rail industry is to provide rolling stock that is safe and reliable. The PTW can provide accurate wheel weight data and is an innovative solution for weighing a wide variety of rail vehicles from high-speed trains to metro and tram cars.

Suitable for understanding the weight distribution of a rail vehicle, the PTW can be supplied in a variety of configurations and used to statically weigh each axle, bogie or the complete railcar/locomotive. Achievable accuracies with a Static Train Weighing System are $\pm 0.1\%$.

The PTW has evolved from its initial introduction in 1997. The system length has been reduced from 600mm to 500mm and our latest patented design has an in-built ramped portion on the loadcell. A shorter PTW length allows for greater flexibility between rail fastenings, whilst the improved loadcell design provides a smoother 'flange friendly' interface. The mobile rail scale is suitable for different track gauges and rail profiles with no obstruction to regular train movements.

The PTW can be hired on a timescale to suit your project requirements. The easy-to-install weighing

system requires no permanent track modifications or mains power connection. This results in a seamless and convenient solution for pre/post modification weighings. Our RISQS-audited company offers skilled technicians to oversee your weighing operations, ensuring reliable service from initial setup through to ongoing support.

Our flagship product has been supplied into over 40 countries and led to working with a large and diverse range of rail companies. We are dedicated to providing an exceptional service underpinned by decades of knowledge and experience. Contact us today to learn more about how we can help you achieve your objectives.

www.weighwell.com

WEIGHWELL
TRAIN WEIGHING SPECIALISTS



INVENTOR OF THE PORTABLE TRAIN WEIGHER (PTW)



- ▶ Ideal for railcar maintenance
- ▶ Weighing systems supplied globally
- ▶ Established in 1988



STATIC WEIGHING SYSTEMS

KEY BENEFITS



EASY INSTALLATION

Systems can be installed within 15 minutes.



PORTABLE

No permanent, time consuming modifications to the track infrastructure.



NO MAINS POWER

Systems operate with a battery powered connection.



COST EFFECTIVE

Systems can be provided for a variety of rail projects, with hire options available.



PRECISION

Our weighing interfaces can accurately determine if weight distribution is balanced.

WE CARE ABOUT YOUR SAFETY

Our static weighing systems can assist rail engineers, fleet managers and rail consultants with the information needed to implement potential corrective actions. This can help improve ride quality and the vehicle stability of rolling stock



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sales@weighwell.com

