

PTW 500-B2X and 500-B3X



STATIC, INDIVIDUAL WHEEL WEIGHT, TRAIN WEIGHING SYSTEM

Weighwell Engineering Ltd were the first company to provide portable train weighing systems. Today with over 28 years experience and knowledge we continue to be the industry leaders with 100's of systems worldwide.

PTW 500-B2X and 500-B3X is an ideal solution for weighing 2 axle or 3 axle bogies for locomotives and railcars. The use of live 'real-time' information on weight data relating to individual wheels, axles and railcars allows the user to establish if weight distribution is even.

The safety of passengers is of paramount importance and very rarely are railcars perfectly balanced. The consequences of an imbalance of weight could be increased wear to the vehicles, thus highlighting possible issues relating to safety and loading symmetries.

KEY BENEFITS OF THE PTW 500-B2X AND 500-B3X SYSTEM

- A key interface with our industry leading ptwX software.
- Eliminates the need to install expensive weighbridges.
- Saves time and costs.
- Portable, quick and easy install.
- Can be used for bogie changes and vehicle modifications.
- Factory pre-calibration eliminates the need for transportation of test weights or calibrated wagons.
- The load cells are sealed so that reliable operation is possible, even under poor conditions.
- Achievable accuracy of +/- 1% dependent on site conditions.

The PTW 500-B2X and 500-B3X is an excellent investment in terms of safety, accuracy and potential cost savings. The use of multiple systems and bespoke reporting options provide unrivalled flexibility and accuracy. With systems available for hire or purchase, the PTW will satisfy any budget.

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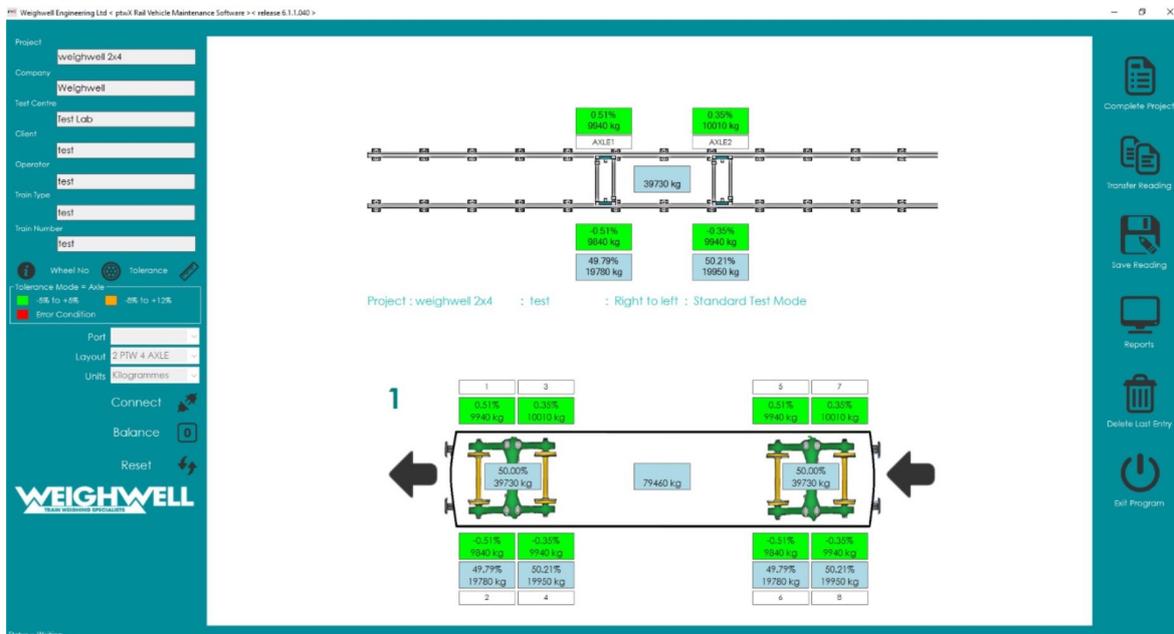
MAIN KEY FEATURES



Our PTW allows for greater flexibility without the need to remove rail fastenings due to its length of only 500mm. This results in a more convenient installation and less 'flexing' of the system. The benefits of this are more accurate and reliable weighing results than your ordinary train weighing systems.

TECHNICAL DATA

- Length of PTW: 500mm.
- Approximate weight: 34kg (heaviest section).
- Maximum capacity: 60000kg (2 axle bogies) or 90000kg (3 axle bogies).
- Weighing range: 15000kg per wheel (30000kg tonne per axle).
- Increment size: 10kg.
- Materials: High quality tool and mild steels.
- Temperature range: -20°C to +70°C.
- Power supply: 110 - 240VAC / 12VDC.
- Protection class: IP67.
- Mounting: Rail keys to fit most rail types.
- Accuracy: +/-1% dependent on site conditions.



Our intuitive, multilingual ptwX software is designed and developed in-house and provides real time 'live' displays. Multiple customisations such as weighing units and information on weight differentials are also available

Our easy to use software also allows for fully customised reporting options to be available with the ability for reports to be exported in standard formats such as pdf and csv.

*The PTW is not trade approved and specifications subject to change.