

Project: 1995566

Company: Weighwell

Test Centre: London

Client: NR

Operator: DC

Train Type: Class 321

Train Number: A23456

Wheel No:

Tolerance:

Tolerance Mode = Axle

■ -4 % to +4 %

■ Error Condition

Port:

Layout: 4 PTW 4 AXLE

Units: Kilogrammes

Connect

Balance:

Reset

Car Information [1] X654321

Side A	50.58 % 40100 kg	4.90 % 9840 kg	0.35 % 10110 kg	-0.20 % 10040 kg	-0.15 % 10110 kg
Total	79280 kg	49.08 % 38910 kg	50.92 % 40370 kg		
Side B	49.42 % 39180 kg	-4.90 % 8920 kg	-0.35 % 10040 kg	0.20 % 10080 kg	0.15 % 10140 kg
		48.21 % 18760 kg	51.79 % 20150 kg	49.84 % 20120 kg	50.16 % 20250 kg

1

Complete Project

Transfer

Save

Reports

Undo

Exit

IN-HOUSE, INTUATIVE, MULTILINGUAL SOFTWARE FOR TRAIN WEIGHING SYSTEMS

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.

The ptwX train weighing software is easy to use, provides real time displays with individual wheel weights and has customised reporting options.

The main screen display shows information for individual wheels, axles, bogies, side loads and total train weight. Indication is also given of weight differentials between wheels on axles, axles on bogies and bogie differences in relation to the full locomotive/ railcar and all in real time.

Ideal for train maintenance depots and the manufacture, maintenance and overhaul of rolling stock. The ptwX software allows for added efficiency in a easy to function format.

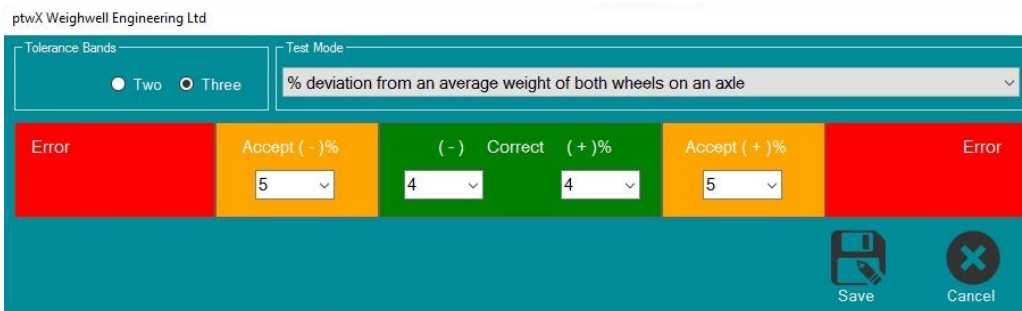
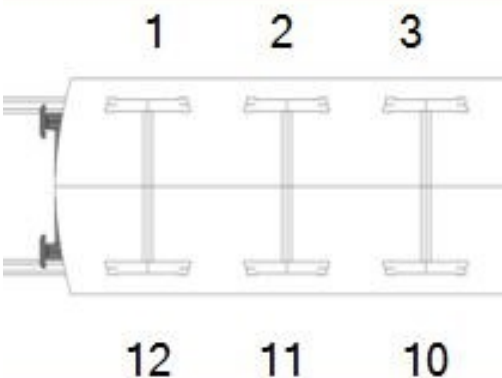
KEY BENEFITS OF THE PTWX SOFTWARE

- An interface with our industry leading PTW train weighing systems.
- Data can be viewed across your network with the ptwX reporting tool.
- Interfaces for single axle to full car weighing operation.
- Support for bespoke test procedures including various DIN standards.
- Ability to drive large remote displays for operator convenience.
- Our software can graphically display unbalanced wheel loads (with increment sizes of 10kg).
- Supports train maintenance depots and actively contributes to large scale maintenance and servicing operations.

Primarily designed for manufacturing and maintenance depots that require immediate answers to production problems.

A design aim in the development of the ptwX software is to let the customer introduce their own custom-built options. This can be from complex reports to methods of operation.

IN-HOUSE, INTUATIVE, MULTILINGUAL SOFTWARE FOR TRAIN WEIGHING SYSTEMS



The wheel numbering feature allows the rail engineer the ability to change the numbering to suit their train configuration.

The tolerances are used to indicate any error conditions and can graphically show overloaded or underloaded wheel loads.

Unit Setup Information

Project

Company

Test Centre

Client

Operator

Train Type

Train Number

Unit Direction

WEIGHWELL TRAIN WEIGHING SPECIALISTS No. 128

Project : P99712 Date : 27/04/2017 13:05:00

Train Type : Class 321 Operator : DC

Train Number : A23456 Tolerance : Test Mode = Axle

Client : Network Rail Test Centre : London

Company : Weighwell

Side A 41590 kg	10190 kg -2.77 % 1	10500 kg 5.21 % 2	10730 kg 2.63 % 3	10170 kg -4.46 % 4
Side B 41530 kg	8 2.77 % 10770 kg	7 -5.21 % 9460 kg	6 -2.63 % 10180 kg	5 4.46 % 11120 kg
51.22 % 20960 kg		48.78 % 19960 kg		49.55 % 20910 kg
49.23 % 40920 kg		50.77 % 42200 kg		
[27/04/2017 13:05:00] X54321 Unit Total 83120 kg Direction L >> R				

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49.23 % 40920 kg		50.77 % 42200 kg		
[27/04/2017 13:05:17] X54321 Unit Total 83120 kg Direction L >> R				

The "Unit Setup Information" allows information to be stored in an secure industry standard database. The train unit setup information can be stored locally on the computing device or across a network for multiple site operation.

The layout of the report can be bespoke to the customer, however standard reports are available (with over 50 different report formats created). Reports are formatted in either PDF or CSV file format and can be exported to a variety of different locations.

All available layouts support train weighing in either direction.