

In-Motion Rail Scale



The patented Portable Train Weigher (**PTW**) is a unique advancement to the traditional means of weighing rail vehicles. An invention that is light enough for two people to carry, yet powerful enough to weigh a train in any location.

The Weighwell **PTW** is suitable for rail freight terminals that move large volumes of aggregate and spoil. The accurate user-friendly rail scale can be installed within 15 minutes without any cutting or drilling to the existing track.

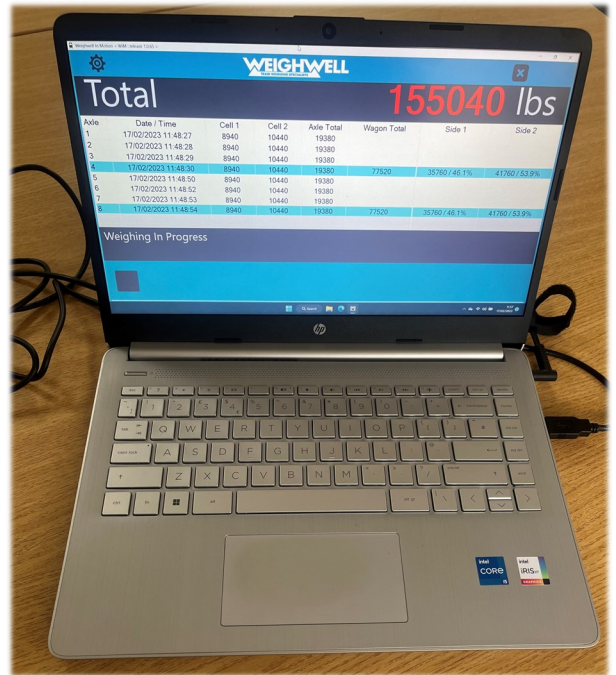
An invaluable asset, the Weighwell **PTW** has an achievable accuracy of 2-3% dependent on site conditions (1% in ideal conditions). The rail scale can highlight dangerous overloading before a train is released onto the mainline rail network.

The heavy duty **PTW** has a length less than 22 inch, is suitable for different track gauges and can withstand a weighing range up to 44,000 pounds per wheel (88,000 pounds per axle).



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Two different weighing interfaces are available:



Suitable for harsh environments, the digital indicator is supplied in a robust carry case.

Imbalanced wagon loads can be graphically highlighted through the in-motion software.

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IN MOTION
02/14/23

WEIGHWELL

CODE: 123ABC

No      1      2  AXLE  LB
0001  12000 12060 24060
0002  11600 11580 23180
0003  12200 12090 24290
0004  11980 11960 23940
WAGON  95470 LB

0005  12020 12040 24060
0006  11560 11640 23200
0007  12280 12080 24360
0008  11900 12000 23900
WAGON  95520 LB

TOTAL 190990 LB
    
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3 WEIGHWELL ENGINEERING LTD
4
5 WEIGHING MODE : In Motion
6 LOCOMOTIVE : Pulling
7 DIRECTION : IN
8 REFERENCE : 1234ABCD
9 MATERIAL : SOIL
10
11                                     02/11/2023 11:45
12
13 No  CELL 1    CELL 2    AXLE
14 -----
15 1  10050lbs  10030lbs  20080lbs
16 2  10630lbs  10800lbs  21430lbs
17 3  10470lbs  10670lbs  21140lbs
18 4  10140lbs  10430lbs  20570lbs
19
20 WAGON 1  83220lbs
21
22 SIDE 1  41290lbs / 49.6%
23 SIDE 2  41930lbs / 50.4%
24
25 -----
    
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The PTW is not trade approved and specifications subject to change.