



Congratulations on your purchase of a PT Ltd Red Deck Floor Scale. The guidance contained in this document is intended to assist with the siting and usage of this scale to help you get the best performance.

Unpacking Your New Scale

The package contains the floor scale itself, four swivel feet, the indicator, power adaptor, mounting bracket (where included) and the User Manuals for the Floor scale, Junction Box and Indicator. For protection during shipping the swivel feet, indicator, power adaptor and mounting bracket are located in packaging cutouts underneath the scale. Some indicators connect via a plug and others are hard wired to the indicator. Those that connect via a plug are disconnected for shipping and will need to be plugged into the receptacle at the rear of the indicator. The scale is fitted with 5m of loadcell cable. The scale is provided with threaded lifting attachment points. Simply screw in an appropriate eyebolt, connect suitable slings and gently lift from the packing. Take care here as the indicator may lift out with the scale. The scale weighs approximately 120kg. Unpack the swivel feet and screw into the loadcells at each corner of the scale. Make sure the swivel feet are at least two full turns from bottoming out in the threads.

Siting your scale

Site your new scale on solid reasonably level ground or structure. The ground or structure should be stable, rigid and capable of supporting the full capacity of the scale on the point loads represented by swivel feet. For best protection, site the scale where it is protected from collision while providing good access for material handling equipment. Ensure there is a clear space of at least 5mm between any part of the scale, (except the swivel feet), and its surrounds. Any contact with the surrounding objects will affect weighing accuracy. It may be necessary to fit protective barriers to prevent adjacent objects fouling the scale. This scale can be installed in a pit but suitable structure will need to be fitted to ensure the scale feet are fixed to maintain a clearance of at least 5mm between the scale top plate and the pit walls.

Use the swivel feet to level the scale so the bubble is in the centre circle of the level indicator. The bubble points to the high side so either raise the side opposite the bubble or lower the side closest to the bubble. Ensure all feet contact the ground and the scale does not rock. Once the scale is level tighten the swivel feet locknuts against the bottom of the loadcell.

Caution: Ensure the swivel feet are not fully screwed in as this may interfere with correct loadcell operation.

Where appropriate, plug the loadcell cable into the indicator, fix the indicator to a wall, stand or table as required, connect the power pack and turn on the power. Start the scale by pressing the **ON** button. The scale will go through its startup process and then display 0.0 or similar. Your scale has been pre-calibrated at our factory in Auckland, New Zealand but may require adjustment for the different gravity value in your location. (Auckland gravity = 9.803).

The power pack output is 12vDC at 1.5A and the DC socket is centre positive.

General Care

Periodically lift the scale and clear out accumulated objects from under the scale. These objects may affect scale accuracy if they contact the bottom of the scale. If the scale is used in a wet environment ensure that accumulated liquids can drain away freely.