



Pennsylvania Scale Company

Model 6600 Base

UNPACKING AND SET UP INSTRUCTIONS

Pennsylvania Scale Company
1042 New Holland Avenue
Lancaster PA 17601

For online interactive tech support or more information on Pennsylvania Scale products, visit our website at www.pascale.com

Revised September 3, 2002

Unpacking Instructions

After the metal bands and cardboard are removed from the base, insert two (four on large size 6600 bases) ½" -13 X 1" eye bolts (Not supplied). One inch is the MINIMUM useable length for the bolts, however you may use eyebolts longer than 1".

Hook a cable or chains to the bolts and lift the base at least one foot high to back the base away from the skid or to remove the skid from underneath the base.

Setting Up The 6600

The base to indicator interface cable is located underneath the base on the same side as the junction box. The cable is attached to two clips affixed underneath the base to protect it during shipment. Unhook the cable from the clips and uncoil to attach to the indicator.

NOTE: When the QUICK DISCONNECT option is installed the cable must be connected to a round CPC connection on the backside of the structural tube steel directly behind the junction box.

Caution! Make sure that the base to indicator interface cable does not become caught under the leveling feet.

The leveling feet must be turned out at least two turns for proper operation of the base.

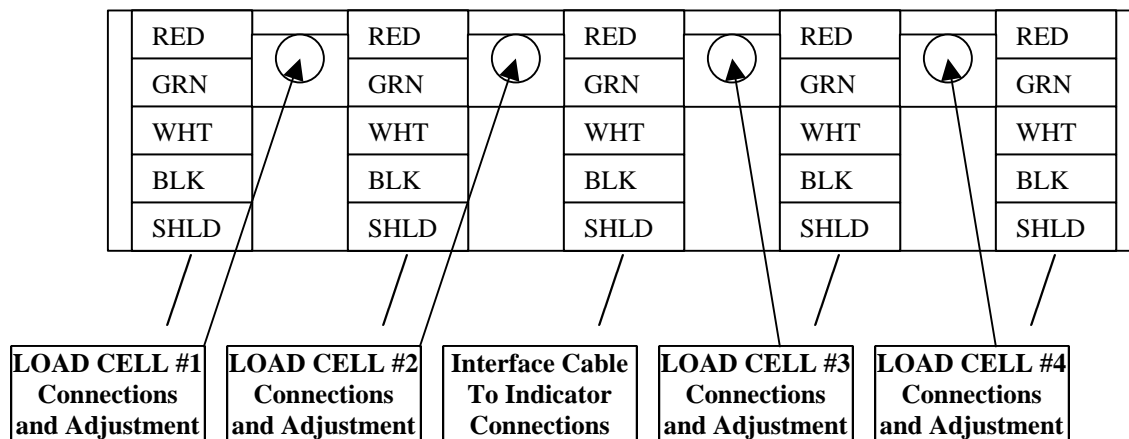
At this point in the set up procedure, the base may be placed on the floor. Access to the junction box should not be blocked in the event that adjustments to the base are required.

After the base is on the floor, adjust the leveling feet so that all four feet are in firm contact with the floor.

NOTE: For the 6600 base to work properly, the base must be supported on the leveling feet. If the leveling feet are not extended far enough and the base is wholly or partially sitting on the steel under frame, the base will not weigh correctly.

Load Cell Wiring And Potentiometer Adjustments

The 6600 mild steel version comes with a round, CPC style connector that mates with all Pennsylvania Scale digital indicators. The Stainless Steel version 6600 comes with out this connector so that the load cell cable may be inserted through the watertight cable clamp used on the Pennsylvania Scale wash down indicators. The color codes, functions and pin assignments are as follows:



To access the junction box, remove the screws securing the small cover to the side of the base and gently pull the cover plate out.

Load Cell Ratings

The 6600 Series Base is available in capacities of 500 to 40,000 LB capacities. The typical load cell sensitivity is 2 mv/v except 1,000 LB capacity, which is 1 mv/v.

Calibration Instructions

Please refer to the calibration instructions for the digital indicator that will be used with the 6600 base.

Basic Trouble Shooting

The load cells in the 6600 base have tested and corner compensated at the factory and should not require adjustment for installation. If the base is displaying inaccurate weight readings or corner weight errors, check the following before making potentiometer adjustments:

- Check the cable; is it wedged between the leveling feet and floor or in between the load cell and base structure?
- Is the base fully and firmly supported by the leveling feet? Does the base rock or tip if weight is placed on one corner?
- Are there any obstructions between the load cells and the leveling feet?
- Is the CPC connector firmly attached? Are the pins inside the connector bent or damaged?

Attaching A Ramp

Before attempting to attach the ramp to the base, extend the leveling feet to raise the height of the base as noted below:

- For 3" high ramps, adjust the base to 3 1/8"
- For 4" high ramps, adjust the base to 4 1/8"
- For 5" high ramps, adjust the base to 5 1/8"

Slide the ramp up beside the base 8" to 10" inches to the side. Line the ramp up so it is square with the base. Slide the ramp in so that the mounting bracket hooks onto the leveling feet. Side mounting brackets are provided to bolt the ramp to the floor if desired.

Pit Installation

For pit installations please contact the Pennsylvania Scale you purchased the 6600 base from.