

# Type BA Industrial Heavy Duty Platform Scales

## Unpacking and Assembly Instructions

This procedure is best performed by 2 people during the assembly of the scale.

The scale consists of several parts; the indicator (electronics with display and keyboard in a small cabinet), the column (the vertical post which holds the indicator on its top and attaches to the back of the platform base) which has the wiring that attaches the indicator electronics to the load cell in the platform running thru its hollow center, and the platform that consists of a shock absorbing pan holder frame that attaches to one side of the load cell and a base which attaches to the other side of the load cell and has four adjustable feet and a bubble type spirit level, the stainless steel pan, and the AC Adapter type power supply.

1. Open the carton. Remove the Platform Pan.
2. Remove the rest of the scale, which has all of its parts attached to the scale frame by tie wraps, and set the scale on a flat surface for assembly.
3. Cut the tie wraps. This will release the the indicator portion of the scale, and also releases the column (which attaches the indicator to the platform portion of the scale) from under the base of the scale. Please be mindful of the fact that the three major sections (indicator, column, and platform) are tied together by the wiring between the indicator and the load cell which must not be disconnected. The wiring runs thru the hollow column but is not attached to it.
4. Remove the cardboard shims from between the pan frame and the base section of the platform. These act as shock absorbers to protect the load cell during shipping.
5. Lift the frame and remove the column from under the frame. The wiring now becomes obvious. Unpack the indicator and remove the plastic bag which should contain 2 small Phipps head screws, 1 small Phipps head screw with 2 nuts and washer, 4 larger Allen head screws with integral lock washers, and 1 Allen wrench for the 4 large screws. Remove the indicator from the box being careful not to tug on the wire. Place the indicator down near the side and rear (where the wire comes out) of the platform base.
6. Now to attach the column to the platform base. This step requires the 4 large Allen head screws and the Allen wrench. Hold the column up vertically (this is where 2 people make things much easier) and tuck the excess wiring (this is rugged shielded cable) into the column (not into the base). Line up the screw holes and insert the screws. Drive the screws home tightly, they have integral locking washers and should secure the column tightly.
7. Now attach the indicator to the top of the column. First attach the ground wire from the indicator to the column. This step requires the Philips head screwdriver. Attach the ground cable that comes from the indicator to the column using the Philips head screw with the nuts and washer. Use one nut to secure the screw to the middle hole in the column, facing into the column. Trap the spade lug between the first and second nuts and lock-washer. Tuck the excess wire into the column (not into the indicator) and then place the indicator over the column, align the screw holes and insert and drive the Star head screws home loosely until both are in place, and then tighten.
8. Next let's level the base. This step may have to be repeated if the scale is moved to a different location after assembly. If the bubble type spirit level indicator on the platform base, near the electrical cable strain relief, shows an out of level condition use the four rubber feet to level the base. Make sure that all 4 feet make contact with the support surface so the scale can not rock.
9. Unpack the pan and place it on the platform frame.
10. Now connect the AC Adapter. Plug the 12 VDC connector into its mating connector, on the rear of the indicator. Now plug the body of the power supply into an AC outlet. The scale will power up automatically. The scale is now ready for weighing.

See the enclosed Instruction Manual for operating instructions.