

HMT Admixture Scales

INSTALLATION REQUIREMENTS

Installation steps

- 1. Determine suitable location and mounting
- 2. When scale arrives on site install load cells and check weights approx. 30minutes
- 3. Lift scale into place
- 4. Run admixture charge pipes from pumps to scale charge pipes
- 5. Run discharge pipes from discharge funnels to discharge point
- 6. Run 10mm airline from plant air supply, connect to solenoids on scale
- 7. Run fresh water supply line, connect to flush system

8. Batch Computer Technician

- 8.1. Run a 0.5mm by 4 core screened load cell cable from load cell junction box to scale indicator
- 8.2. Run a 10 18 (Depending on functionality selected) by 1 mm multi-core cable from control junction to batch computer junction box or substation

9. Scale Calibration Company

- 9.1. Calibrate scale
- 10. Change mix designs (volume to mass include SG) and units of batch on batch computer
- 11. Install the following on the manual batch panel for:
 - 11.1. Light (Typically Red) Valve open indicator
 - 11.2. Manual discharge button
 - 11.3. Manual flush button

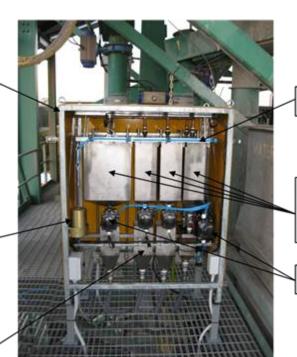


Scale Details

Scale with maintenance cover removed, showing galvanized frame & powder coated covers

Automatic Scale
Check – 2 units of 10
kg (1 at front left & other
at right rear of scale

Discharge funnels – separate scale from discharge pipes



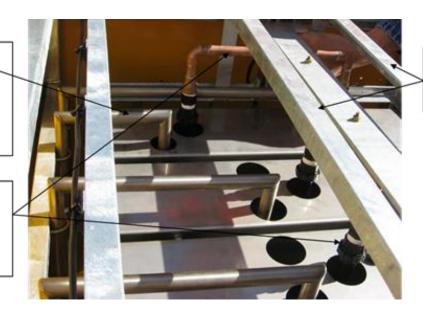
Load frame

Compartments - in this case 1 x 50L; 2 x 25 L & 1 x 10L

Discharge Valves

Admixture charge pipes – no contact with weigh mechanism

Flushing mechanism – no contact with weigh mechanism



Frame for calibration weights



Discharge valves & actuators

Discharge funnels – separating discharge pipes from weighing mechanism

