

INSTALLATION & OPERATION PROCEDURE

GENERAL

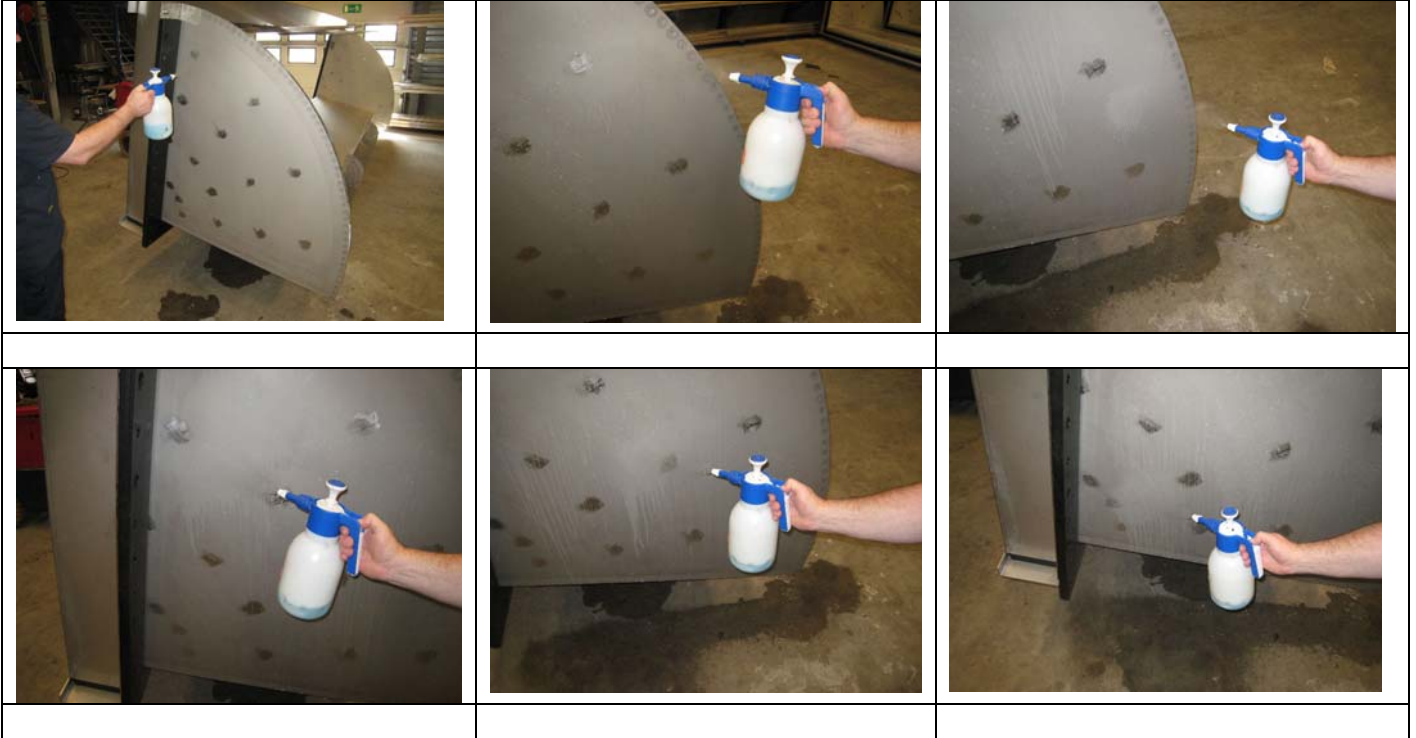
Only lift the pivot weirs using the eye-bolts attached to the top frame.

SPECIFICS

- 1) Only qualified personnel should mount the pivot weir.
- 2) Check flatness of concrete and ensure a smooth surface. If there is a deviation to the specified standard of +/- 2-3mm/m, then the tilting weir should not be mounted until such time as remedial works to the surface have been completed.
- 3) Set tilting weir in lowest weir level position.
- 4)) By placing 15 mm clamping blocks directly under the two shields on the sill you will then have the exact height for the frame.



- 5) It is paramount that the sill must be levelled over the full width of the tilting weir, this ensures the seal fits the hinge shaft. Failure to adhere to this may result in a poor invert seal.
- 6) It is necessary to observe the prescribed torques of bolts in the installation instructions from the bolt manufacturer.
- 7) Pedestal must be aligned with the operating tip of the tilting weir.
- 8) On the pedestal a plate is attached which specifies the maximum torque on the hand wheel. Often it is 20 Nm but one should inspect the plate on the pedestal for the specifics.
- 9) The tilting weir must not be operated in any circumstance when the sealing is in dry condition. Therefore, before first movement of the gate, wet the side quadrants and vertical seals. A simple pump action spray gun can be used for this.



* Should you be in any doubt then please contact Waterfront Fluid Controls immediately.