

OPERATING INSTRUCTION FOR SEPAK INDUSTRIES SINGLE STAGE POWDER MIXING SYSTEM MODEL HHQ-20

1. Ensure all valves are in closed position as shown.
2. Ensure Powder Hopper is dried.
3. Connect outlet of the tank to the Liquid inlet.
4. Connect outlet of the Powder Mixing system to the return inlet to the tank. The return line should be below the liquid level or pointing to the Tank wall to reduce the Foaming.
5. Connect the Power supply to a 3 Phase outlet with appropriate socket. Check the motor direction by opening the Powder Hopper valve and see if the Impeller is running along the Curved leading edge direction (similar to a typical Centrifugal pump).
6. Fill the Batch tank with Water or Product to desired level.
7. Pre-weight the Powder to desired amount and added to the Hopper.
8. Open the Liquid inlet valve to $\frac{1}{2}$ turn and then start the pump immediately. Check for liquid flow in the batch tank, if the flow is slow then the motor is running the wrong way. If the flow is strong then fully open the Liquid inlet valve.
9. Now you are ready to mix powder, open the Powder Hopper valve slowly to $\frac{1}{4}$ opening position. If the powder suction is slow then open the valve to $\frac{1}{2}$ position and so on. Note: too much powder may block the system.

NOTE:

(1) Never run the pump dry!

(2) Never clean the Mixing system with scourer or steel wool, it will scratch the surface. A light soapy water and a soft cloth should be sufficient or use stainless steel polishing spray can.

