



IMS

Integrated Mixing & Storage Unit

The IMS comprises of a mixing tank mounted above a storage tank, each of the tanks has an inspection hatch and both are provided with overflow and drain pipework complete with valves. An agitator is fitted to the mixing tank, plus a transfer valve and pipe between the two tanks. Suitable access steelwork can be supplied to customer upon request.

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Technical Specifications

| | |
|------------|---|
| Dimensions | 6.53/6.5m3 2200mmDia x 5600mmH, 12m3/12m3 3000mmDia x 6100mmH |
| | 25m3/25m3 3500mmDia x 8500mmH |
| Capacity | Standard Sizes: 6.5m3/6.5m3, 12m3/12m3, 25m3/25m3 |

Service Requirements:

| | |
|--------------------|---|
| Voltage Range | 3ph/50hz power supply - most standard voltages can be catered for |
| Water Requirements | Potable water, dependant upon size of make up |
| Accessories: | Dry polymer storage hopper AeroWet/100 polymer preparation unit. |
| | Full range of automatic or manual control dosing equipment |

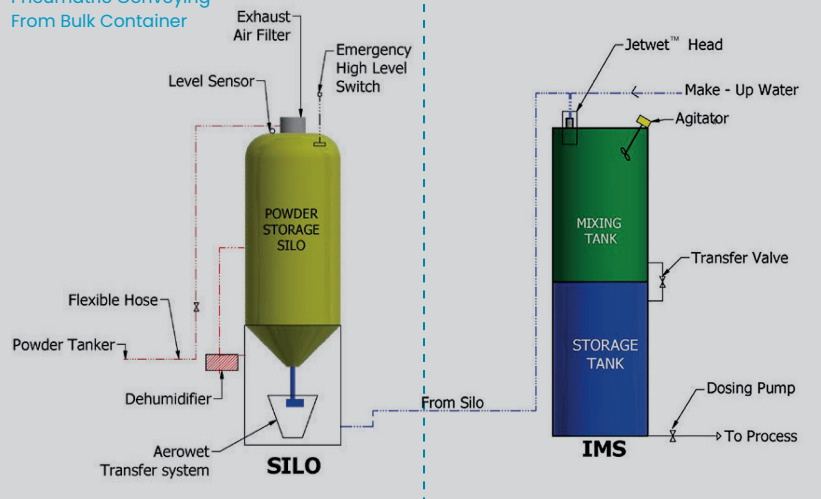
Operation:

Polymer is fed from the storage hopper via a screw feeder at a constant rate into an air stream from the blower.

Air conveys the powder via the JetWet™ DISPENSER into an agitated mixing tank. After a predetermined time agitation stops and the polymer solution is transferred by a transfer pump or dump valve under the control of the storage tank level sensors. The cycle is then repeated.

- Suitable for use with standard or high capacity AeroWet™ unit
- Bulk preparation of polymer for numerous industries and applications. Coupled with ISU to give comprehensive outdoor polymer preparations system
- Integrated mixing & storage tank arrangements
- Preparation of polymer solution in conjunction with AW range of powder transfer systems. Mixing / storage tank capacities of 6.5m3/6.5m3, 12m3/12m3, 25m3/25m3 and other sizes available on request
- Transfer valve for electrical or pneumatic operation
- Safety rail and access ladder
- Mixing tank is situated above the storage tank to give minimum footprint-size
- Gravity transfer by transfer valve
- Gravity transfer from mixing to storage tank eliminates requirement for pump
- Minimum installation work, fully wired and tested prior to delivery

Polymer loading by
Pneumatic Conveying
From Bulk Container



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Richard Alan Group | Shaw Cross Business Park |
Owl Lane | Dewsbury | WF12 7RD
Tel: +44 (0) 1924 467 040
richardalan.co.uk | info@richardalan.co.uk