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AeroWet™100 Integral | Polymer Solution Make-up System
Models 0.3/1.0/2.2/3.0 INT

AW100/0.3 INT

The AeroWet™ system comprises of a 100kg powder hopper, screw feeder, blower, feeder scroll receiver, conveying line sensor and control panel mounted on a stainless steel frame. Stainless steel mixing and storage tanks, JetWet® head, solenoid valve, pressure switch and pressure gauge. Stirrer unit with marine type propeller, transfer pump, level sensors for both mixing and storage tank, stainless steel skid mounted tank. Models 0.3/1.0/2.2/3.0 INT

- Mixes bead or powder grade polymers and water into a homogeneous solution for numerous industries and applications

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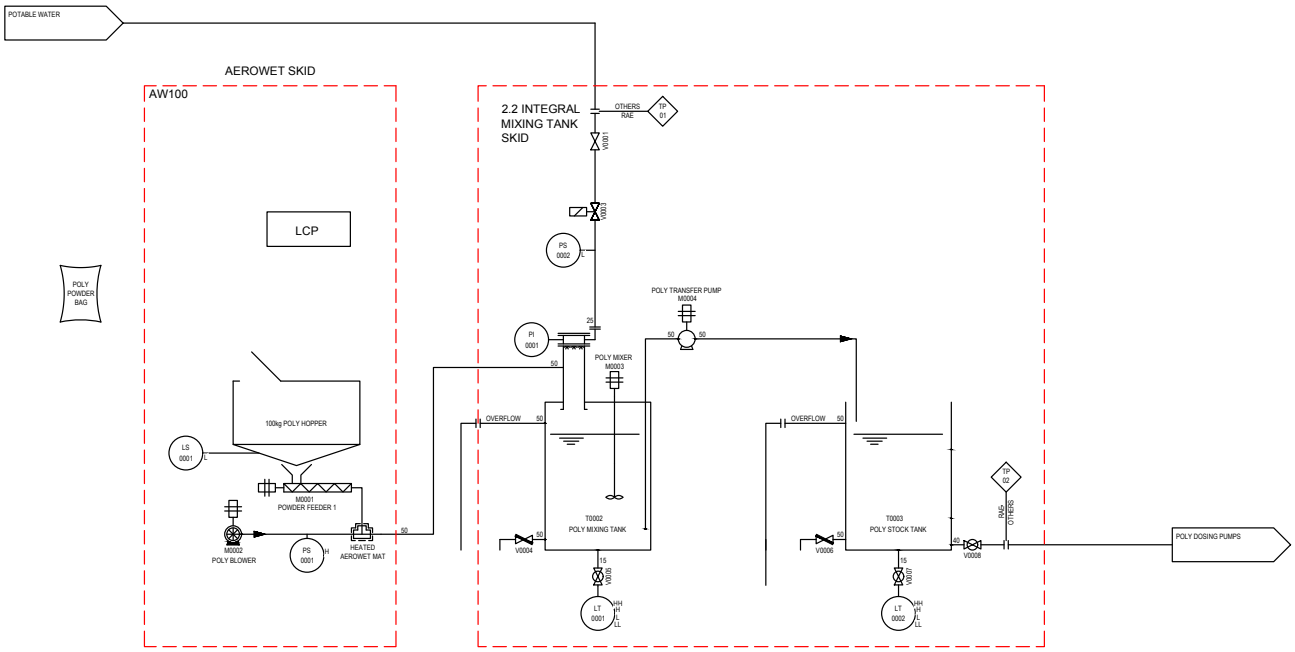
Technical Specifications

Dimensions	AW100/0.3 INT 1250mm x 1250mm x 2000mmH, AW100/1.0 INT 1900mm x 1570mm x 2300mmH
	AW100/2.2 INT 3230mm x 1250mm x 2800mmH, AW100/3.0 INT 3880mm x 1650mm x 2730mmH
Capacity	AW100/0.3 INT up to 1.45kg/h, AW100/1.0 INT up to 4.0kg/h
	AW100/2.2 INT up to 9.1kg/h, AW100/3.0 INT up to 11.56kg/h
	* based on 0.5% solution strength with 60 minutes ageing time calculated from feeder stop
	** the above may change dependant on polymer used
Service Requirements:	
Voltage Range	3ph/50Hz power supply
Water Requirements	JetWet® fill rate 100 l/min @1 bar of potable water, Rapid Fill Rate 185 l/min @1 bar for 2.2 & 3.0
Polymer Feed	1.2kg/min
Accessories:	Vac Loader, Dosing Pumps



- AeroWet™ revolutionary design of sealed polymer feed system
- Full bore powder conveying with no venturi restriction
- Fully automatic operation
- Incorporating renowned JetWet® disperser
- Free standing skid mounted unit
- All stainless steel tank fabrication
- Low maintenance
- Richard Alan PLC/HMI based control panel with the flexibility to be modified to accommodate customer requirements
- Ethernet communications that can be integrated for site SCADA/DCS system
- Text based alarms for system fault finding/diagnostics
- Volt free signals for interfacing with site plant as interlocks
- Options for various bag handling facilities
- Elimination of powder blockages normally associated with wetting cone systems
- Superior process quality with consistent, repeatable and lump free polymer solutions
- Minimal operator involvement
- Minimal installation and commissioning, wired and tested prior to delivery
- Plug and play

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