



## EMU – FLX

### Emulsion Make-up Unit – Flexible Modular Design

The EMU – FLX is supplied as a two part unit. The first part is floor standing and comprises a polymer feed pump and the electrical control panel, mounted on a stainless steel frame. The second part is tank mounted and comprises of; a frame, a flash mixing tank, agitator, level probes, polymer inlet pipework, three way valve on the water inlet, a solenoid valve and pulsing water meter on the inlet. Also supplied with the unit are 2 metres of suction hose and IBC, Sotz connector, 5 metres of delivery hose to fit between the polymer feed pump and injection pipework. From the electrical control panel, 5 metres of cable each to the solenoid valve, level electrodes and water all running through a 5 metre wiring loom to the mixer.

- Mixes inverse emulsion grade polymer and water into a homogeneous solution
- Used also on dispersion and liquid grades of polymer

**richard alan engineering**

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#### Technical Specifications

Dimensions	Floor Standing Section 630mm x 380mm x 1200mmH
	Tank Mounted Section 600mm x 465mm x 800mmH
Weight	100kg
Noise	<70dB (A) measured at 1m distance
Capacity	Up to 6000 l/h as solution, up to maximum of 1%

#### Service Requirements:

Voltage Range	3ph/50Hz power supply and neutral
Water Supply	Potable water
Water Requirements	1200–6000 L/hr @ 2bar
Polymer Feed	Up to 70l/h neat polymer
Accessories:	IBC Storage Facilities, Discharging system and storage tank for neat polymer
	Dosing Pumps, Storage Tanks

- Fully automatic operation
- Two section modular construction
- Can be installed on existing storage tank
- Stainless steel flash mixing tank and frame
- Flexible polymer injector line retractable for calibration
- Polymer automatically proportioned to water inflow
- Proven design
- More economic use of polymer
- Superior polymer solution quality due to the polymer/water proportioning system and homogeneous mixing
- Consistent and repeatable polymer solutions
- Easy installation
- Multiple units can be installed into the same tank for extra capacity or D/S applications
- Plug and play

