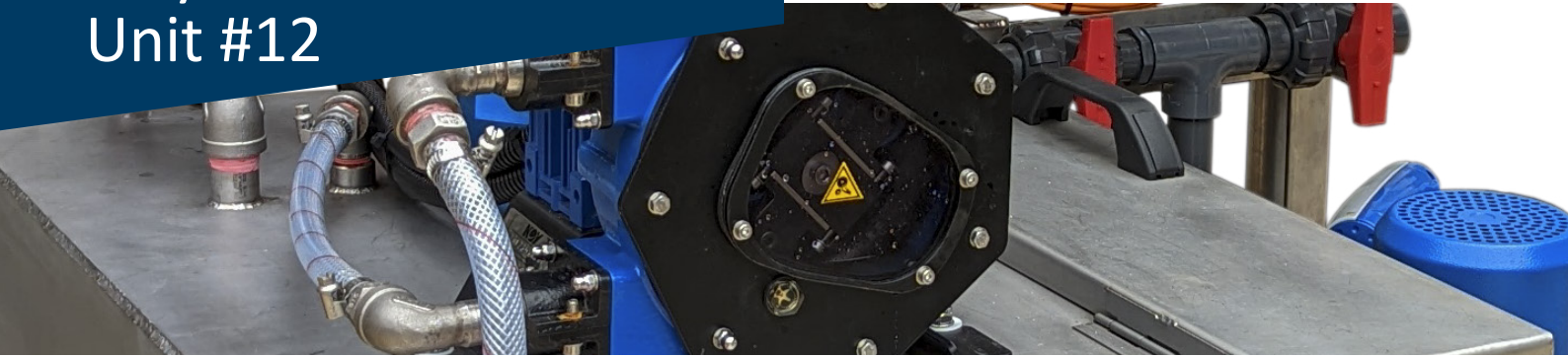


# HYDRABLEND® Emulsion Polymer Make-down Unit #12



The HYDRABLEND emulsion polymer preparation and dosing system, Unit #12, is a purpose-built stainless steel system incorporating emulsion polymer make-down, prepared polymer dosing, and secondary water dilution of prepared polymer, all on one skid-mounted unit.

The system is designed to allow stand-alone operation (utilising its own control panel), or it can be linked with and controlled by existing (or new) control systems.

#### Advantages include:

- » simple & quick plug-n-play setup
- » easy to operate
- » fully automatic (can operate unattended)
- » very low noise level (whisper quiet)
- » stainless steel construction for outdoor locations
- » low power consumption (<1 kWh)



#### Requirements:

- » flat surface  $\approx 1.2 \times 1.6$  metres
- » floor loading capacity  $\approx 500$  kg
- » potable water  $\approx 2,500\text{--}4,000$  L/hr @  $>1.5$  bar
- » electrician needed to connect either single-phase or three-phase power as required

#### Features:

Fully automatic emulsion polymer make-down and prepared polymer dosing system

Skid-mounted and portable, 316 SS construction

Weather proof for use outdoors

Single phase or three phase power input

Make-down strength monitoring via conductivity

Neat polymer storage tank - 50 L (or take from IBC)

Forced-fan cooled variable speed prepared polymer dosing pump @ 20–300 L/hr

Highly programmable dose control: flow paced, fixed speed, can even dial in a neat polymer ppm dose

Start/stop prepared polymer dosing via a range of signals including pulse, analog, plant flowmeter etc

Incorporates secondary dilution system with rotameter for those times when very dilute polymer is required

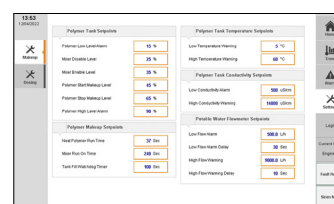
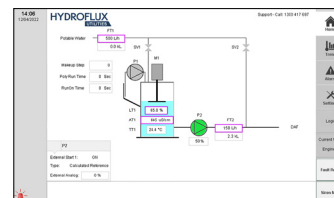
Totalise usage and trend potable water and prepared polymer flows. Trend conductivity & temperature

Remote log-in and operation (via mobile network)

On-screen (remote) indication of both audible and visible alarm in progress - has alarm mute facilities

Proprietary tuned mixer speed and blade to provide fast polymer activation (2–4 minutes)

Purpose built to enable high turn-over of prepared polymer (recommended for cationic polymers)



For more information, give us a call on 1300 417 697