

# TRIDENT Polymer Hydration Unit

The **TRIDENT Polymer Hydration Unit** is an automated two stage dry polymer make-down and aging system that accurately meters, mixes, ages and then dispenses hydrated polymers for use in wastewater treatment. In the make-down stage precise amounts of dry polymer are metered out, comingled with water, liquefied and thoroughly mixed. The blended polymer solution is transferred by gravity from the make-down and aging tank to the second stage tank for introduction to the waste stream. The hydrated polymer is injected into the waste stream via a positive displacement pump that delivers exact amounts of polymer for cost effective and efficient applications.



## Features

- PLC Controlled
- Cam Gauge Metering
- Gear Drive Mixer
- Positive Displacement Pump
- Working Platform
- Skid Mounted

## Benefits

- Totally Automated Efficient Operation
- Precise & Simple Dry Polymer Dispensing
- Positive Mixing
- Precise and Accurate Polymer Dispensing
- OSHA Approved Safe and Sturdy
- Easily Transported and Setup



## Specifications

Overall dimensions range:

From: Length: 8' 6", Width: 6' 4", Height: 8' 10", Weight: 2,500 lbs

To: Length: 13' 2", Width: 8' 4", Height: 10' 8.5", Weight: 5,200 lbs

Power requirements: 230/460/575 volt 3 Ø or 230 volt single Ø



**The TRIDENT Polymer Hydration Unit can be custom tailored to meet any design capacity requirement**



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