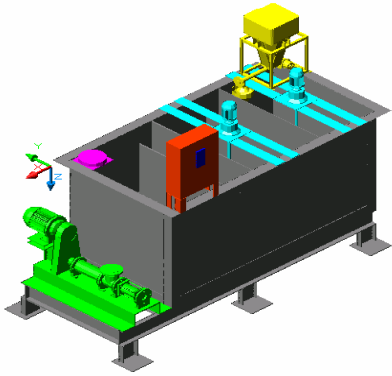


# Flocculent Make-up - "Econo-Series"

*"Affordable solutions to automated polymer preparation"*



## APPLICATION:

The "Econo Series" Polymer units are used for the preparation, hydration and dosing of powder or liquid flocculants. A robust design makes it a highly effective and competitive in mining, process, pulp and paper, water treatment and underground applications.

## BENEFITS:

- Fully Automated.
- Very low operational costs.
- Limited maintainable items.
- Accurately sized components.
- Maximum efficiency of polymer.
- Hydration times of 3 1/2 hours min.
- Flexible concentration parameters.
- Low transport and installation costs.
- Short and prompt commissioning times.
- In-house engineering and manufacturing.
- Compatible to powder polymer and liquid latex.
- No excessive energy or shearing during make-up.
- User friendly faultfinding and operational manual.
- Standard units from 200g/Hr to 6kg/Hr. to choose from.
- Easy to change configuration and set-up parameters.

## FEATURES:

- Pre – Engineered unit.
- Robust steel construction.
- Stainless steel screw feeder.
- Correctly sized stirrer and pumps.
- Positive displacement dosing pump.
- Interlock protection for all critical components.
- Minimum of IP55 protection on all components.
- Skid mounted for ease of installation or re-location.
- Conversion between Liquid and Powder polymers possible.

## OPERATION:

1. Low level in dosing chamber initialises the make-up cycle.
2. Correct amount of polymer is added to the make-up chamber.
3. Flocculent is agitated to ensure adequate mixing.
4. Prepared batch is moved to a hydration chamber on next cycle.
5. Based on plant demand flocculent is pumped to the process.

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