

Z-MOD* L Packaged Plants

Pre-engineered Packaged Plants are cost effective, compact solutions for wastewater treatment

Benefits

- ZeeWeed* 500 reinforced ultrafiltration membranes produce superior effluent quality while operating in a high solids, wastewater environment
- Complete systems incorporate screening, biological equipment, membranes, tanks, equipment skids and disinfection
- Pre-engineered options allow for flexible process designs
- Short delivery timeline from submittal to a fully operating system
- Prefabricated equipment minimizes site work and reduces on site installation costs
- Compact footprint allows installation inside existing buildings
- Ideal for multistage flow increases
- In-situ membrane cleaning capability
- Two train systems provide process redundancy

Base System

- Membrane aeration blowers, backpulse tank and air compressor.
- Membranes suspended in membrane tanks with separate equipment skid
- Skid mounted permeate pumps, valves control panel, GE Fanuc PLC and HMI interface
- Plant start-up and operator training



Application Dependent Options

- Biological equipment includes screening, process blowers, diffusers, transfer pumps, mixers, and enhanced nitrogen removal systems
- Chemical systems for enhanced coagulation, pH control and membrane cleaning
- Effluent systems including turbidity measurement and UV disinfection
- Available shelf and online spares, parts, service contracts and process tracking software



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