

Extreme Clean For Screen Printers

Applications: High volume recycling for use with automatic and manual reclaim operations.

Features:

- High volume filtration capacity
- Dual multi media filtration systems
- Self-purging sludge settling tanks
- Automatic back flush systems
- Gravity flow through design
- Primary solids incline tank
- Polishing loop for emulsified hydrocarbons
- Polishing loop for fines and metals removal
- Factory assembled and tested
- Automatic discharge system
- Easily integrated into existing systems



Benefits:

- With its gravity flow through design the unit can never interrupt screen cleaning (even when turned off)
- Media filter changes are only every 6-12 months
- Self-cleaning tanks – eliminate manual cleanout, lengthen service intervals and speed servicing
- Multiple polishing loops provide maximum oils, solids, heavy and light hydrocarbon removal
- High flow rates of 50+ gpm continuous
- No cartridge filters to stock and change
- Continuous pump operation eliminates control devices, surging, pump wear and improves filtration
- Total odor elimination – recycled water will not stink

Specifications:

- Dimensions: 18' X 3' X 7.2' H
- Electrical: 220 V, 1 ph 30 Amps
- Flow rates: 50 + GPM
- Hydrocarbon red: to <10 PPM
- Outflow to wash: 2" pipe con.
- Outflow pressure 15 PSI
- Polishing rates: 2 x 100 GPM
- Tank capacity(s): (4) x 230 gals.

How it Works:

This Extreme Clean system is designed to handle water recycling in automatic and manual screen cleaning applications without interruption of washing, no lost revenue. Water is pumped from the in-ground sump and discharged to the Extreme Clean. Wastewater then flows into a primary solids settling tank and (by gravity) into the bioreactor tank with 20 cu / ft of bio mass, supercharged Biodigester and nutrients. Here emulsified hydrocarbons and organics are eliminated. By gravity water enters the first of two multi media polishing loop systems, where water is passed at 100 gpm multiple times through Hydrosorb media. This reduces light and emulsified hydrocarbons to less than 10 ppm. Water gravity flows to a second polishing loop with activated carbon for additional hydrocarbon and metals removal. In the polishing loop water is circulated at 100 GPM assuring multiple passes through the job specific media. Filtered water is pressurized back to the washing equipment at 40 + GPM and 20 PSI for reuse. Excess water passes automatically (by gravity) from the system to sanitary sewer. Automatic back flush cycles are on demand or at timed intervals. Full recycle with ZERO DISCHARGE is available.



Florida Water Blast, Inc.

12995 Automobile Blvd Clearwater, FL 33762

Wk. 1-800-966-0614
Fax 1-727-572-9926

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