

RECONDITIONED 2003 MODEL 1.2 METER BELT PRESS



1.2 Meter Reconditioned Skid Unit

Includes the following Equipment

- One (1) P50-4700 (1.2 Meter) Dual Belt Filter Press, 304 Stainless Steel Frame Construction, Patented 50% Open Area Drainage Roll, Patented High Efficiency Radius Wedge Zone, 3 HP VFD direct gear drive system, 5 – 30 FPM Belt Speed. Pneumatic Belt Tension & Tracking, eight (8) all Stainless Steel high pressure rolls, 50 PLI Frame & Roll Rating, manual plow lifting assembly, safety controls and sludge cake discharge chute.
 - One (1) Epoxy Coated carbon steel skid, 304 Stainless Steel Filtrate Sump, Drop Down Operator Platforms on both sides of the Skid.
 - One (1) Set of Stainless Steel Handrails
 - One (1) Master Control Panel (MCP) with Touch Screen Controls and main disconnect to include operation of all associated dewatering equipment as listed in this proposal, UL approved components, 480v/3/60 voltage required, Stainless Steel NEMA 4X Rated Electrical Enclosure, modem for customer support.
 - One (1) Press Mounted Multi Function Operator Control Panel
 - One (1) Emglo 1 ½ hp Air Compressor, 30 Gallon Receiver w/Controls
 - One (1) Pneumatic Control Panel, NEMA 4X Rated Enclosure.
 - One (1) Bright Technologies PS12 Emulsion Instant Mix Polymer Feed/Blend System
 - One (1) Inline Full Port Pneumatic Mixer w/ 4-port Injection Ring and Retention Piping
 - One (1) 7.5 HP, 200 GPM Rotary Lobe Sludge Pump with VFD Controls in MCP
 - One (1) Toshiba In-line Magnetic Sludge Flow Meter
 - One (1) Wash Water Booster Pump rated for non-potable water
 - One (1) 22" Sludge Cake Belt Conveyor, 1.5 HP, Stainless Steel Construction
 - One (1) 120 VAC 20 Amp Skid Mounted Duplex Receptacle for Lighting or Hand Tools
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Description of Work:

This system has been out on rental to a municipal WWTP in Georgia for the last 4 years and was being operated outside under a carport type structure. It has been stripped down, cleaned and all systems inspected. The skid and operator walkways have been sandblasted and recoated with epoxy paint and a urethane top coat. All bearings, motors and gears have been inspected and serviced or replaced if necessary. All wear parts on the belt press such as belts, UHMW bars, Plows and Seals were original equipment (6 years old) and have been replaced. The skid has been reassembled and tested to insure proper operation and adjustment This unit will be offered with a 6 month warranty.

If you are interested purchasing, leasing or rental with a purchase option contact:

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Below is a partial list of the items that have been replaced with new parts.

BELT FILTER PRESS NEW PARTS

Upper & Lower Filter Belt
Pneumatic Bellows (ALL)
Doctor Blades
Sludge Leveler Belts
Wash Box Seals (ALL)
Feed Box Seals (ALL)
Wedge UHMW Wear Bars (ALL)
Gravity Deck UHMW Wear Bars (ALL)
Safety Cable Switch & Cable
Proximity Switches & Cables (ALL)
Gravity Deck Plows & Chicanes (ALL)

Ancillary Equipment New Parts

Sludge Pump Lobes and Wear Plates
Conveyor Belt & All Belt Seals
Conveyor Drive Motor & Gear Box
Conveyor Scraper Blade
Conveyor Return Belt Return Rollers (2)
Conveyor Bearings (ALL)
Air Compressor Drive Belt
Air Compressor Air Filter
Pinch Valve Sleeve
Polymer System Water Valve
Polymer System Static Mixer
Polymer System Pressure Reducing Valve
Polymer Metering Pump Check Valves