



The Scope of Supply below is for - One (1) 24" Single Channel 2.0 Rotary Fan Press Skid System Demo Unit #1128 as listed below. All equipment listed below is factory tested, pre-plumbed/wired and ready for field installation and Connections. Sludge type, feed solids, volatile solids, pretreatment, polymer selection, desired cake solids and process variations will affect performance of the equipment. Delivery, installation, system integration, utility and piping connections not included and/or listed below in this Scope of Supply shall be provided by others.

DEMO UNIT #1128 RFP2.0-24S-SKE ROTARY FAN PRESS EQUIPMENT SCOPE OF SUPPLY

- One (1) RFP2.0-24S – 24" Single Channel 2.0 Rotary Fan Press, 1.0 HP Direct Gear Drive System, Epoxy Coated Carbon Steel Housings and Base, Pneumatic Sludge Discharge Gate Control, Pneumatic Flow Control, All 304 Stainless Steel/Hard Chromed Tapered Slotted Filter Screens with 304 Stainless Steel Support Wheels.
- One (1) RFP Skid Platform, Epoxy Coated Carbon Steel Welded Construction. Anchor Bolts To Be Provided By Others.
- One (1) Wash Manifold Assembly.
- One (1) Stainless Steel Cake Discharge Chutes.
- One (1) Dewatering Channel Mixing Element.
- One (1) In-Line Full Port Pneumatic Mixer with 4-Port Injection Ring.
- One (1) PVC Sludge Retention Manifold with Clear Site Tube, Cleanout and Sludge Sampler.
- One (1) PVC Filtrate Collection Piping Assembly.
- One (1) Pneumatic Sludge By-Pass Control Valve.
- One (1) Sludge Feed Magnetic Flow Meter.
- One (1) Sludge Feed Pump (Rotary Lobe) with VFD Gear Drive Direct Coupled On Common Base.
- One (1) Air Compressor with Receiver.
- One (1) Emulsion Polymer Feed/Blend System, with Integrated Controls.
- One (1) Auto Process Control Package (semi-unattended operation) For System as Listed in This Proposal.
- One (1) Central Operator Panel with Touch Screen Controls, Six Inch (6") Display, Lamps and Main Disconnect Power. System To Include Operation of Associated Dewatering Equipment As Listed In This Scope of Supply, 480 Volt/3 Phase/60 Hertz, NEMA 4X Rated Enclosure.
- Two (2) Copies of Operational/Maintenance Manuals.

**Many factors will influence the dewatering capacities of the Rotary Fan Press (type of sludge/process, variations of process, feed solids concentration, volatile solids concentration, pretreatment selection, polymer selection, desired results, etc.) and in no way is the listed information a guarantee of performance.*