Equipment Data Sheet

CentriTEK Model CSX530
(Centrisys CS21-4)

2-Phase - Skid Mounted Centrifuge System

Unit# 1001

Video Link of System in operation:

CentriTEK - CSX530 2-phase Dewatering System

CentriTEK
508 Stone Road - Benicia, CA 94510
Phone: 209-304-2200 - chris@centritek.com

Pictures

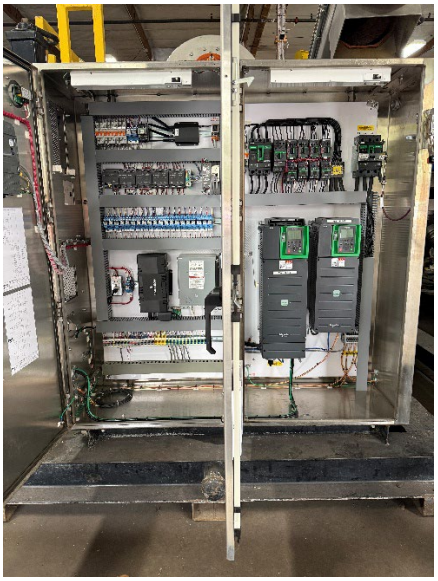












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Description

The unit is designed to arrive onsite as a package unit, once power, sludge feed, centrate, polymer connections and conveyor is moved into position, it is ready to run and operate.

Dimensions:

- **Length 17'-6"**
- **Width 8'**
- **Height 8'-4"**

Weight:

- **23,000 lbs.**

Power:

- **Panel Disconnect Size – 225 amps**
- **Max Amp Load 125 amp at FLA which we will never see. Customer's 125 amp service will be fine for this system.**
- **460v – 3-phase Supply & Ground**
- **100' Power Cable Supplied with Unit**
- **Main Drive 60 hp – 69 FLA**
- **Back Drive 15 hp – 18 FLA**
- **Feed Pump 7.5 hp – 9.75 FLA**
- **Conveyor 1 - 3 hp – 4.2 FLA**
- **Conveyor 2 – 3 hp – 4.1 FLA**
- **Hydraulic Cooling – 0.8 amps**

Panel Project #:

- **CM Controls S/N23-11003**
- **UL #: G 02144163**
- **Unitronics HMI & PLC**
- **Schneider VFD's**
- **Delta T- Air Conditioner**

Sludge Feed Pump (VFD Controlled):

- **Vogelsang Model VX136-140Q**

Polymer System

- **Custom / Emulsion Polymer Blending Unit with LMI Dosing Pump & Fluyid Dynamics Mix Chamber**

Liquid Connections:

- **Feed Pump Inlet - 2” Camlock Connection**
- **Centrate / Conveyor Drain – 6” Spiral Wound Hose – via Gravity**

Polymer Makeup / Flush Water Requirements:

- **Garden Hose Connection**
- **Up to 10 gpm for polymer mixing / Machine Flushing**

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