

## FILTRATION EQUIPMENT AND SPECIFICATION

### Model 54 S/C\* 650 B.P.

- Vessels are ASME Code constructed with 304 SS material
- 304 stainless steel manifold and all wetted parts
- 650 sq. ft filter area diatomaceous earth precoat filter
- Filter leaves 30 SS frame, 316 SS Plain Dutch Weave septa
- Single 30 cartridge housing for 30"L, 222 o-ring seal cartridge
- 29 bbl. Precoat / body feed blend tank
- 3-53 GM diesel engine, PTO, air start and 3x4 HALCO centrifugal pump
- Rate: max. - 15 BPM, operating – 10BPM
- Single skid size of 7.5" W x 16 – 1/21"L x 8 – 1/2"H, 13500#
- Volume 76 + cu. ft capacity (5000 Bbls. with



### 1000 Sq Ft D.E Filter package with CFH and feed pump

- Vessels are ASME Code constructed with 304 SS material
- Skid and platform of carbon steel, zinc based coating on "flat rack" container
- Inlet/Outlet 4" Camlock quick connection
- Pre coat / body feed manifold, 3" drain is 304 SS
- Max. Operating rate – 15 BPM
- Filter volume – dirt loading Max. 110 cu ft.
- Gorham Rupp U4B60B pump w / 3-53 GM diesel engine, PTO, air starter, sentinel shut down
- 925 sq. ft.precoat filter area
- 1 – 60 cartridge filter housing, 30"L, 2.5" OD with 222 o-rig seal cartridge
- Skid size; 20" x 8" 9"T, 16,500 lbs. with Tantomloc ISO corner fittings
- 20 bbl. **Blend precoat / slurry tank**

### Transfer Pump

- Gorman Rupp Model 14A2.4" self priming centrifugal pump with Lister Diesel Engine Model TS2
- Air starter and / or hand crank 2-cylinder diesel engine
- Air intake emergency shot down
- Max. rate 10BPM

### Hoses – Suction / Discharge

- 8 – 3" ft. hoses with camlock connections
- Multi-service rubber suction hose.
- 3" quick disconnect stainless steel coupling
- 4" W x 3" L x 4" T pallet; 500#

### Cartridge Filters

- GF – 10-C22 Pleated cellulose cartridges
- Absolute rating of Beta 100 at 2 Microns
- Cartridges are 2 – 1/2" O.D. x 30"L with 222 o-ring base
- Each cartridge rated for 24 GPM at 2 PSID

### D.E Filter Material

- Medium fine diatomaceous earth filter aid
- Materials packaged 18 bags / pallets shrink wrapped