

9400

Portable Fines Recovery Plant



Dewatering Screen

- Predominately bolted screen frame assembly
- Adjustable incline
- Sloped, sieve-like feed section
- Adjustable discharge dam
- Modular urethane screen media
- Stress-relieved fabricated motor bridge
- Two 4.7 hp vibrating motors
- Adjustable stroke

Classifying Cyclone

- Heavy-duty, fabricated steel housings
- Replaceable gum rubber liners
- Steel overflow pipe
- Control pinch valves included

Slurry Pump

- High-efficiency design
- Integrated power frame and bearing assembly
- Complete drive assembly to include electric motor and belt guard

Chassis

- Mounting for the dewatering screen, cyclone, slurry sump and slurry pump
- Slurry sump with emergency overflow outlet
- Plant feed chute with $\frac{3}{16}$ inch AR 200 liners
- Plumbing from slurry pump to cyclones
- Screen overs chute with $\frac{3}{16}$ inch AR 200 liners
- Screen feed box with $\frac{3}{16}$ inch AR 200 liners
- Access platform on one side of screen

Plant Options

- Additional pump and motor sizes to match individual applications
- Additional cyclone configurations to match individual applications
- Stairs to screen access platform
- Screen-level platforms on three sides of screen
- Ladder from screen-level platform to cyclone level-platform
- ¼ inch AR 400 liners in feedbox, product discharge chute and all transition points
- ½ inch, plug-welded urethane liners in feedbox, product discharge chute and all transition points
- Screen rinse spray bar
- Electrical package

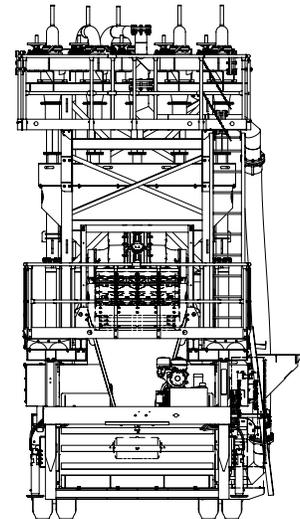
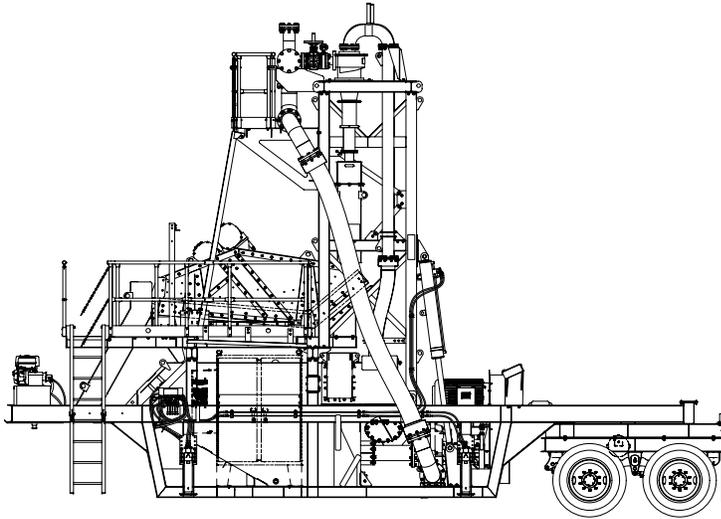
Physical/Operating Characteristics

Dimension	Standard	Metric
Transport Length	37.8 ft	11.53 m
Transport Length Kin Pin to Axle (king pin to center between axles)	28.3 ft	8.64 m
Transport Width	12.2 ft	3.72 m
Transport Height	14.25 ft	4.34 m
Operating Length	34 ft	10.35 m
Operating Width	13.4 ft	4.09 m
Operating Height	24.2 ft	7.39 m
King Pin Load	16,284 lb	7,386 kg
Axle Load	31,516 lb	14,295 kg
Overall Load	47,800 lb	21,682 kg

Screen	Screen Motor Quantity	Screen Motor	Cyclone Quantity	Cyclone Size	Pump	Pump Motor	Capacity*	Feed Volume*
DWS 410 4 x 10 ft	2	4.7 hp (3.5 kW)	5	10 in	8 x 6 in	100 hp	80 tph	1,200 - 2,500 gpm

*Dependent on feed and product gradation

Operation



Transportation

