

# 9200 Series

## Sand Processing Plants



### 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 vibrating motors
- Adjustable stroke

### Classifying Cyclone

- Heavy-duty fabricated steel housings
- Replaceable gum rubber liners
- Steel overflow pipe

### Slurry Pump

- High-efficiency design
- Integrated power frame and bearing assembly
- Includes centrifugal seal (No gland seal water required)

### Skid Support Structure

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

## Plant Options

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

Model	Screen	Screen Size	Screen Motor	Cyclone	Pump	Pump Motor	Capacity*	Feed Volume
9215-SP	DWS 410	4' x 10'	2x 4.7 HP (3.5 kW)	20"	8"x 6"	60 HP (45 kW)	150 tph	1,800 gpm
9220-SP	DWS 513	5' x 13'	2x 8.4 HP (6 kW)	26"	8"x 6"	75 HP (55 kW)	200 tph	2,350 gpm
9225-SP	DWS 613	6' x 13'	2x 9.4 HP (7 kW)	26"	10"x 8"	100 HP (75kW)	250 tph	2,500 gpm
9230-SP	DWS 716	7' x 16'	2x 11 HP (8 kW)	33"	12"x 10"	100 HP (75kW)	300 tph	3,300 gpm
9240-SP	DWS 816	8' x 16'	2x 12.7 HP (9.5 kW)	33"	12"x 10"	150 HP (110kW)	400 tph	4,760 gpm

\*Capacity dependent on feed and product gradation

