

PROSIZER® 4200

Portable Crushing and Screening Plant



Crusher to Screen Delivery Conveyor

- One (1) 48" conveyor with hydraulic reversible drive
- Vulcanized
- Belting is 1-440 PIW

Side Product Conveyor

- One (1) 16' x 24" conveyor
- Reversible hydraulic variable speed (0-350 FPM)
- 5' receiving hopper at loading point
- 220 PIW, 1/8 x 1/16 cover, vulcanized

Crusher Conveyor

- One (1) 24' x 24" conveyor with hydraulic drive
- (350 FPM) self-cleaning wing pulley Belting is 330 PIW,
- 3/16 x 1/16 cover – 5/8" cleat, vulcanized

Cross Conveyor

- One (1) 7' x 18" flat conveyor with hydraulic drive (350 FPM)
- Belting is 330 PIW, 3/16" x 1/16" cover, vulcanized

Vibrating Feeder

- 50" x 18' horizontal type
- Hydraulic variable speed drive
- 5' replaceable tine deck with two sections
- By-pass chute under grizzly with AR liner (3/16")

Main Truck

- Semi-trailer with rear triple axel
- Hydraulic run on jacks
- Twelve (12) 11 R22.5 tires and mud flaps
- Air bag suspension and fifth wheel pin, air brakes, rear tail lights

Diesel Power and Hydraulics

- John Deere 6135, 550 HP, Tier III with batteries, cables, and fuel tank
- 100KW generator, starter panel for independent stackers
- 200 gal. hydraulic tank
- Pressure and return filters

Vibrating Screen

- One (1) 2516 double deck conventional incline screen
- 5' x 16' top and bottom deck
- Top and bottom deck are driven 900 RPM vibrating mechanism
- Fines collecting hopper; tube type support stand
- Top and bottom discharge chutes
- Aggregate spreader, step type walkway with wrap around catwalk

Hopper

- 14 cubic yard heaped capacity
- 8' x 20' top opening

Plant Capacity

- 300 TPH (tonnages will vary with conditions)

Impactor

- 4250 Horizontal shaft with heavy duty rotor assembly
- Three (3) reversible and replaceable blow bars
- Primary apron, secondary apron, manual adjustment of hydraulic actuated access door; variable speed hydraulic drive

Options

- Magnet and Support
- Add-on single tag axle
- Screenbox catwalks (one per side with ladder)
- Dust suppression system with manifold for customer water source
- Cross conveyor under grizzly bypass with fold for transport (16' x 24')
- Standard Steel Screen Cloth for 2516
- 2516A Multi-Frequency Screen in lieu of standard screen
- Consult factory for additional options

Physical/Operating Characteristics

Dimension	Standard	Metric
Overall Length	68'	20.73 m
Travel Length	66' 3"	20.21 m
Operating Height	18' 3"	5.58 m
Travel Height	14'	4.27 m
Operating Width	23' 2"	7.07 m
Travel Width	11' 9"	3.63 m
Unit Weight	105,700 lb	47,945 kg

