

GT145

Mobile Screen Plant



Delivery Conveyor

- One (1) 34' x 41" (1,050mm) conveyor hydraulic drive (300 FPM)
- Full-length skirt boards
- Chevron belt, vulcanized

Product Conveyors

- Two (2) 35' x 25" (650mm) conveyors with swing out design
- Hydraulic variable speed (0 - 350 FPM)
- Chevron belts, vulcanized

Fines Conveyor

- One (1) 29' x 47" (1,200mm) conveyor hydraulic drive (350 FPM)
- Vulcanized

Overs Conveyor

- One (1) 30' x 25" (650mm) swing out design
- Hydraulic variable speed
- Chevron belts, vulcanized

Feeder

- 13' x 1,200 mm belt feeder
- Hydraulic variable speed drive (0-60 FPM)

Chassis

- 15" channel frame
- Track mount design
- Pendant remote control

Power System

- Cat 129hp Tier III diesel engine
- Oil Cooler
- Engine mounted hydraulic pumps to operate all plant functions
- NEMA-4 rated instrument panel
- Emergency stop

Vibrating Screen

- 5' x 14' top and center deck, with a 12' bottom deck
- All decks have 1,000 RPM adjustable amplitude capabilities
- Hydraulic controls for variable angle operation
- Aggregate spreader, access ladder with wrap around walkway

Hopper

- 8 cubic yard heaped capacity
- Hydraulic support legs
- Heavy-duty 25° sloped grizzly with 6" openings
- Hydraulic remote dump with scissor action for easy cleaning

Plant Capacity

- 450 TPH (tonnages will vary with conditions)

Service Capacity

- 120 gal fuel tank
- 130 gal hydraulic system

Product Conveyors

- 2 or 3 deck vibrating screen configuration
- Hammer mill shredder
- Wireless track remote
- Tier IV engine
- Ball tray for bottom deck module
- Screen cloth
- 15' feed bin
- Rinser package

Application Parameters

- Maximum feed to grizzly: 24" [730mm]
- Grizzly spacing: 6" / 152mm
- Maximum top deck screen opening: 4" [1,200mm]
- Maximum total products: (3) sized, 1 oversize

Operating Slope

- Side to side: 1% grade
- Front to back: 3% grade

Physical/Operating Characteristics

Dimension	Standard	Metric
Overall Length	60' 2"	18.34m
Travel Length	56' 11 1/2"	17.36m
Operating Height	19' 4"	5.893m
Travel Height	11' 6-3/8"	3.515m
Operating Width	60' 1"	18.31m
Travel Width	11' 5 1/2"	3.492m
Unit Weight (2 Deck, 12' Feeder)	62,900lb	28,531 kg
Unit Weight (2 Deck, 15' Feeder)	63,500lb	28,803kg
Unit Weight (3 Deck, 12' Feeder)	69,750lb	31,638kg
Unit Weight (3 Deck, 15' Feeder)	72,500lb	32,886kg
Feed Height	11' 3"	3.43m