

GT2612V

Mobile Inclined Screen Plant



Vibrating Screen

- 2612V PEP Vari-Vibe high-frequency screen
- 6 x 12 ft (1,830 x 3,660 mm) top and bottom deck
- Deck-mounted, variable-speed hydraulic vibrators with five (5) force amplitude settings
- Hydraulic mechanism for variable operating angles
- Fines collecting hopper
- Top and bottom deck discharge chutes
- Aggregate spreader
- Rotary end-tension (both decks)

Chassis

- High-strength welded steel main frame
- 15.75 in (400 mm) wide tracks
- Spring-applied, hydraulic-release (SAHR) brakes
- Maintenance platforms and access ladders
- Ground-level access for grease lubrication

Feed Hopper

- Sloped grizzly with 6 in (150 mm) openings
- Hydraulic remote tipping grid
- Foldable wings
- Hydraulic support legs
- Length: 12 ft (3.66 m)
- Capacity: 8 cu. yd. (6.1 cu. m)

Feed Conveyor

- Nominal 48 in (1,200 mm) wide belt
- EP500, 3-ply belt with vulcanized splice
- High-torque, variable-speed drive
- Primary belt cleaner

Delivery Conveyor

- Nominal 42 in (1,050 mm) wide belt
- EP500, 3-ply belt with vulcanized splice
- Hydraulic motor drive
- Removes for maintenance
- Folds for transport
- Primary belt cleaner

Product Conveyors (2)

- Nominal 24 in (650 mm) wide belts
- EP315, 3-ply chevron belts with vulcanized splice
- Variable-speed hydraulic motor drives
- Receiving hopper for each conveyor
- Fold for transport
- Primary belt cleaner

Fines Conveyor

- Nominal 48 in (1,200 mm) wide belt
- EP400, 3-ply belt with vulcanized splice
- Hydraulic motor drive
- Receiving hopper
- Folds for transport
- Primary belt cleaner

Power & Hydraulics

- CAT C4.4 T4F diesel, 129 hp (96 kW)
- 120 gallon (454 L) fuel tank
- Engine-mounted pumps
- 150 gallon (568 L) hydraulic tank with return filters
- Hydraulic oil cooler

Control System

- PLC control system with touchscreen
- Hour meter
- Emergency stops
- Pendant remote for tracks

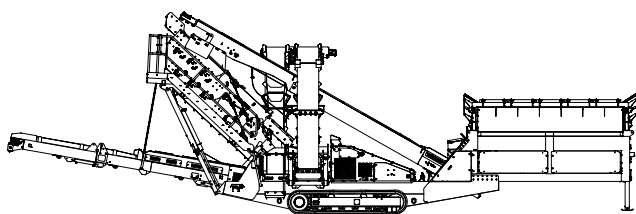
Optional Equipment

- 15 ft (4,570 mm) long (10 cu. yd.; 7.6 cu. m) feed hopper in lieu of 12 ft feed hopper
- HD grizzly with replaceable grouser bar cartridge
- Vibrating grid
- Feed hopper bridge breaker
- Vinyl screen box dustcover
- Standard steel screen cloth
- CAT C4.4 T3 diesel, 136 hp (101 kW)
- Engine enclosure filter kit
- Engine block heater
- Immersion heater for hydraulic tank
- Wireless track remote
- Telematic system
- Auto-lubrication system
- Swing gate for catwalk
- 20 gpm (76 L/min) aux circuit for off-plant conveyor

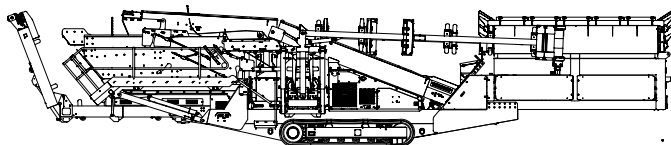
Application Parameters

- Maximum feed to grizzly: 24 in (610 mm)
- Grizzly spacing: 6 in (150 mm)
- Maximum top deck screen opening: 1 ½ in (38 mm)
- Maximum total products: 2 sized, 1 oversize
- Operating slope
 - Side to side: 1%
 - Front to back: 3%

Operation



Transportation



12 ft (3.7 m) Hopper Feeder

Dimension	Standard	Metric
Base Unit Weight*	62,900 lb	28.5 t
Transport Width	11' 3"	3.4 m
Transport Length	55' 11"	17.0 m
Transport Height	12'	3.7 m
Operating Width	60'	18.3 m
Operating Length	59' 7"	18.2 m
Operating Height	20' 2"	6.2 m
Feed Height	16' 2"	4.9 m
Output**	350 tph	317 mtph

* Base unit weight does not include options

** Application dependent

15 ft (4.6 m) Hopper Feeder

Dimension	Standard	Metric
Base Unit Weight*	64,900 lb	29.4 t
Transport Width	11' 3"	3.4 m
Transport Length	58' 9"	17.9 m
Transport Height	12'	3.7 m
Operating Width	60'	18.3 m
Operating Length	62' 9"	19.1 m
Operating Height	20' 2"	6.2 m
Feed Height	16' 2"	4.9 m
Output**	350 tph	317 mtph

* Base unit weight does not include options

** Application dependent

