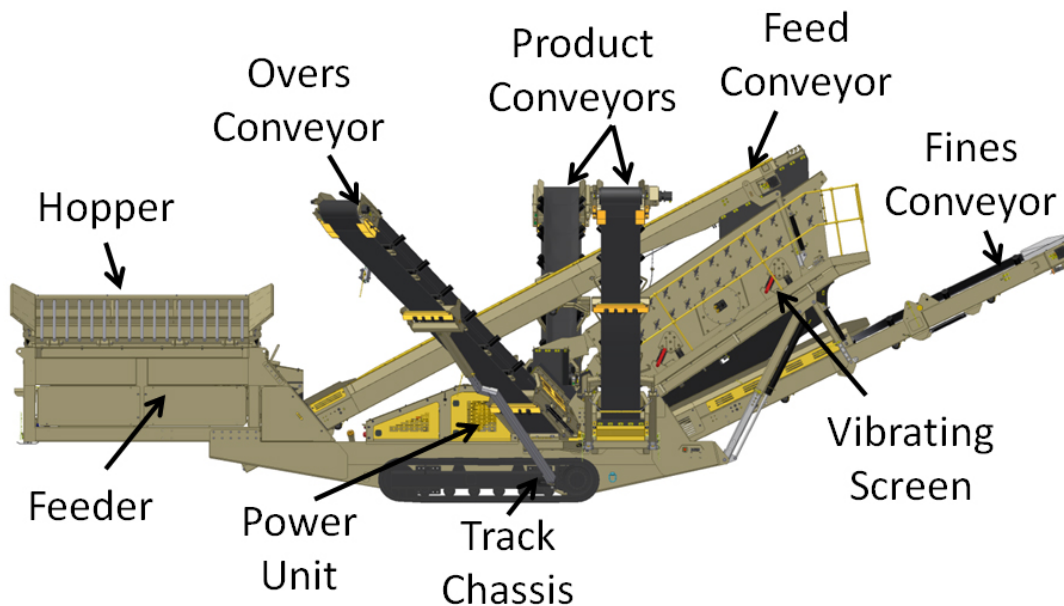


**Model GT 145S  
Mobile Screening Plant  
Model 145S Spec Sheet**



**DELIVERY CONVEYOR**

- One (1) 34' x 41"(1050mm) 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"(1200mm) 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 1200 mm belt feeder
- Hydraulic variable speed drive (0-60 FPM)

**CHASSIS**

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

**POWER SYSTEM**

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

**VIBRATING SCREEN (2 OR 3 DECK)**

- 5' x 14' top and center deck, with a 12' bottom deck
- All decks have 1000 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)

**PAINT**

- One primer coat, finish coat of KPI Beige

**NOTE: Specifications are subject to change without notice.**

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**SERVICE CAPACITY**

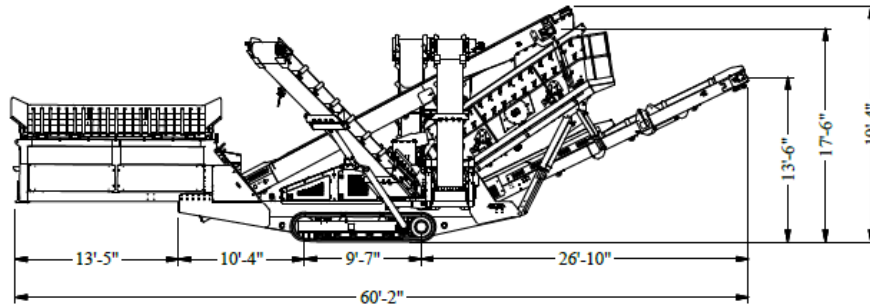
- 120 gallon fuel tank
- 130 gallon hydraulic system

**OPTIONS**

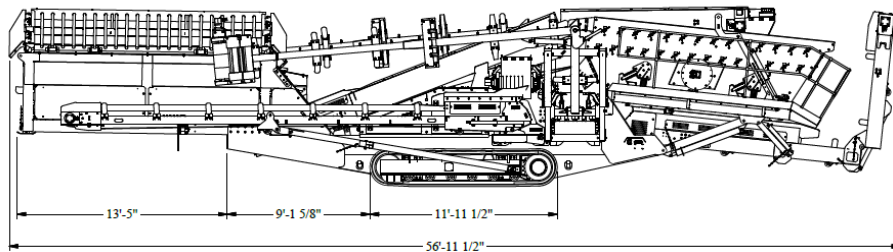
- 2-deck Vibrating Screen Configuration
- Hammer Mill Shredder

- Wireless Track Remote
- Tier IV Engine
- Ball Tray for Bottom Deck Module
- Screen Cloth
- 15' Feed Bin
- Rinser Package

**Operational Mode**



**Transportation Mode**



**PHYSICAL OPERATION CHARACTERISTICS**

- 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 (3 Deck).....71,000lbs/32,205 kg
- Feed Height.....11'3"/3.43m

**APPLICATION PARAMETERS**

- Maximum Feed to Grizzly.....24"/730mm
- Grizzly Spacing.....6"/152mm
- Maximum Top Deck Screen Opening.....4"/1200mm
- Maximum Total Products.....(3) sized, 1 oversize

**OPERATING SLOPE**

- Side to Side.....1% grade
- Front to Back.....3% grade



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