

SRT11

Mobile Trommel Screen



Rotary Screen

- Removable, wire-mesh drum frame
- 4 ft 11 in (1,500 mm) diameter x 13 ft 9 in (4,200 mm) long
- Variable-speed hydraulic direct drive, gear and chain with soft start
- Drum cleaning brushes, easily adjustable from ground level

Chassis

- High-strength welded steel main frame
- Hydraulic track drive
- Spring-applied, hydraulically-released (SAHR) brakes

Feed Hopper

- Grizzly with 8 in (200 mm) openings
- Hydraulic remote tipping grid
- Hydraulic support legs
- Capacity: 3.8 cu. yd. (2.9 cu. m)

Feed Conveyor

- Nominal 36 in (900 mm) wide flat belt with vulcanized splice
- Variable-speed, hydraulic drive sensitive to drum load
- Belt cleaner

Collection Conveyor

- Nominal 48 in (1,200 mm) wide flat belt with vulcanized splice
- Hydraulic motor drive
- Replaceable cartridge
- Belt cleaner

Fines Conveyor

- Nominal 30 in (750 mm) wide chevron with vulcanized splice
- Hydraulic motor drive
- Folds for transport
- Beater bar

Overs Conveyor

- Nominal 40 in (1,000 mm) wide chevron belt with vulcanized splice, front discharge
- Variable-speed, hydraulic motor drive
- Folds for transport
- Beater roller

Power & Hydraulics

- Deutz TCD2.2 L3 T4F diesel, 74 HP (55 kW)
- 26 gallon (100 L) fuel tank
- Engine-mounted pumps
- 100 gallon (380 L) hydraulic reservoir with return filters
- Hydraulic oil cooler

Control System

- PLC control system with color display
- Hour meter
- Emergency stops
- Pendant remote for tracks
- Automatic feed regulation based on drum load
- Remote for tipping grid

Optional Equipment

- Grizzly, 5 in (125 mm), in lieu of standard
- Vibrating grid for feed hopper, 5 1/2 in (140 mm) nominal opening, in lieu of standard
- Punch plate drum
- Wireless track remote with tipping grid control
- Feed hopper extensions
- Cleated feed belt with power brush
- Hammermill-type shredder at discharge end of belt feeder
- Deutz D2011 L4i T3 49 hp (36 kW) engine in lieu of T4F (applies to export only excluding Canada, Japan, EU countries)
- Top spin filters (recommended for dusty applications)
- Pull cords for E-stops

Physical/Operating Characteristics

| Dimension | Imperial | Metric |
|-------------------|-----------|--------|
| Base Unit Weight* | 36,400 lb | 16.5 t |
| Transport Width | 7' 8" | 2.4 m |
| Transport Length | 33' 8" | 10.2 m |
| Transport Height | 11' 3" | 3.4 m |
| Operating Width | 20' 5" | 6.2 m |
| Operating Length | 43' 8" | 13.3 m |
| Operating Height | 10' 5" | 3.1 m |
| Front Feed Height | 10' 5" | 3.2 m |
| Side Feed Height | 10' 7" | 3.2 m |

* Base unit weight does not include options

Operation



Transportation

