



DESCRIPTION:

Unique, compact Mobile Trommel Screener with the following features:

- 1.5 metre dia. X 3.4 metre trommel drum.
- 45Kw (60 bhp) CAT 2.2 turbo diesel engine.
- Tracked mobile maneuverability.
- Optional Wireless Remote Control Tracking.
- Integrated hydraulic folding stockpiling conveyor.
- Fast on site setup time – less than 10 minutes.

DIMENSIONS AND WEIGHT:

- Length – working: - 12.40m (40' – 8")
- Width – working: - 2.21m (7' – 3")
- Length – transport: - 10.80m (35' – 5")
- Width – transport: - 2.21m (7' – 3")
- Height – transport/working: - 3.20m (10' – 6")
- Weight: - 9500 Kgs (20,940 lbs)



CAPACITIES:

- Diesel tank capacity: - 70 L (18 US gal)
- Hydraulic tank capacity: - 265 L (70 US gal)
- Capacity – feeder: - 2.50m³ (3.27 cu yds)

FEED CONVEYOR:

- Belt width: - 1000mm (40")
- Belt spec: - 4-ply 5mm cover
- Drive drum dia: - 280mm (11")
- Tail drum dia: - 230mm (9")
- Gearbox: - Brevini RT160
- Gearbox ratio: - 8 : 1
- Motor: - Danfoss OMP 315
- Flow rate: - 15 LPM (4 US GPM)
- Adjustable speed: - Yes, by Webtec FCV
- Maximum speed: - 13 RPM

FINES PRODUCT CONVEYOR:

- Stockpile height: - 2.49m (8' - 0") Max.
- Belt width: - 900mm (36")
- Belt spec: - 3-ply 5mm
- Drive drum dia: - 280mm (11")
- Tail drum dia: - 230mm (9")
- Motor: - Danfoss OMT 400
- Adjustable speed: - Yes, by Webtec FCV
- Maximum speed: - 180 RPM

OVERSIZE PRODUCT CONVEYOR:

- Stockpile height: - 2.60m (8'-6")
- Belt width: - 750mm (30")
- Belt spec: - 3-ply 5mm cover Chevron
- Drive drum dia: - 280mm (11")
- Tail drum dia: - 230mm (9")
- Motor: - Danfoss OMT 400
- Adjustable speed: - Yes, By Webtec FCV
- Maximum speed: - 180 RPM

SCREEN DRUM:

- Drum size: - 1.5 Dia. X 3.4 L
- Drive system: - Direct drive via 330 dia. support wheels
- Speed adjustable: - Yes, by Webtec FCV
- Screen Operating Speed Range: - 0 to 22 RPM

POWER UNIT AND HYDRAULICS:

- Engine: - CAT 2.2 T
- Engine power: - 45kW (60 BHP)
- Engine speed: - 2200 rpm
- Flywheel Pump : - 1 Triple 36 cc Vivoli
- Total system flow: - 237 LPM (62 US GPM)
- Hydraulic tank capacity: - 265 L (70 US gal)

ELECTRICS

- Emergency stops: - 2 off
- Chassis cabling: - Armored cable
- Start Siren: - Yes – 10 sec delay
- Engine shutdowns: - Low oil pressure
- High engine temp
- Air filter blockage (selectable)
- Fuel contamination
- Radio control tracks: - Optional – wireless RC system
- Pendant track control: - Yes, plugged in at powerunit end

SAFETY FEATURES:

- External belt alignment points.
- External grease points.
- Engine safety shutdown systems.
- Full safety guarding for nip points.
- CE compliance.

WORKING DIMENSIONS:

