



Phoenix Trommel 2100

2-way Split Mobile Trommel Screen

SPECIFICATIONS

Operating Weight	27,500 kg	60,500 lbs
Hopper Capacity	5.60m ³	(7.40 ³ Yds.)
Gross Engine Power	173 hp	
Engine Type	Diesel	

FEATURES

Trommel Drum Size	6.455m x 1.936m	21'-2" x 6'-4"
Feed Conveyor	1,050mm	42"
Collection Conveyor	1,200mm	48"
Fines (Radial) Conveyor	900mm	36"
Oversize (Tail) Conveyor	1,050mm	42"

DIMENSIONS

Width (Transport)	2.66m	8'-8"
Length (Transport overall)	17.87m	58'-8"
Width (Working)	15.4m	50'-6"
Length (Working)	27.37m	89'-10"
Height (Transport)	4m	13'-2"



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Phoenix Trommel 2100

Hopper

- ▶ Hopper Length: 4.3m (14' 1")
- ▶ Hopper Capacity: 5.60 m3 (7.40 cu. Yds.)
- ▶ Feed in Height: 3.16m (10'-4")

Trommel Drum

- ▶ Drum Size: 6.455m x 1.936m (21'-2" x 6'-4")
- ▶ Screening Area: 29.3 m2 (316 sq. ft)
- ▶ Mesh: 4 panels along length with 5 meshes per panel, bolted inside.
- ▶ Wheels: 533mm (21") D x 203 mm (8") W rubber tyre drive wheels.
- ▶ Angle: Screening angle adjustable to 24 rpm maximum.
- ▶ Variable Speed: Variable speed control adjustable to 24 rpm maximum
- ▶ Operation: Reversible operation to 'rock' barrel.

Feed Conveyor

- ▶ Belt: 1,050mm (42") wide 3-ply plain belt
- ▶ Speed Control: Direct drive system & hydraulic variable speed control
- ▶ Operation: Reversible operation to clear blockages.
- ▶ Hydraulic System: Hydraulic 'kick-out' system to prevent barrel stalling.

Collection Conveyor

- ▶ Belt: 1,200mm (48") wide 2 ply plain belt.

Fines (Radial) Conveyor

- ▶ Belt: 900mm (36") wide 2 - ply plain belt
- ▶ Folding: Hydraulically folding
- ▶ Rotation: 180 degree radial arc
- ▶ Angle: Angle adjustable
- ▶ System: 2 function remote control system for radial and angle adjustment
- ▶ Stockpile Height: 5.920m (19'-5") @ 27 degree
5.655m (18'-6") @ 25 degree
5.100m (16'-8") @ 21 degree

Oversize (Tail) Converter

- ▶ Belt: 1,050mm (42") wide 2-ply chevron belt
- ▶ Folding: Hydraulically folding
- ▶ Speed Control: Variable speed control
- ▶ Angle: Angle adjustment
- ▶ Stockpile Height: 3.40m (11'-2") @ 25 degree
2.93m (9'-7") @ 21 degree

Powerunit & Hydraulics

- ▶ Engine Type: Diesel powerunit developing 173hp
- ▶ Flywheel Pump: 63cc/33cc/33cc
- ▶ PTO Pump: 23cc/23cc
- ▶ Feeder Motors: 200cc/rev
- ▶ Collection Conveyor Motor: 500cc/rev
- ▶ Radial Conveyor Motor: 500cc/rev
- ▶ Oversize Conveyor Motor: 500cc/rev
- ▶ Trommel Drum Motors: 375cc/rev

Tank Capacities

- ▶ Hydraulic Tank: 722 L (158.8 Gal)
- ▶ Diesel Tank: 600 L (160 Gal)

Road Transport

- ▶ Wheels: 385/65/R22 super single wheels
- ▶ Axle: Approved braking twin axle
- ▶ Suspension: Leaf spring suspension
- ▶ Brakes: Air brakes
- ▶ Mudguards: Steel
- ▶ Lights: Standard

Options

- ▶ Triple Axle
- ▶ Tipping Grid
- ▶ Vibrating Grid, Single Or Double Deck
- ▶ Punch Plate Screens
- ▶ Dust Canopy

Applications

- ▶ Topsoil
- ▶ Recycling
- ▶ Wood Chippings
- ▶ Compost

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Terex Environmental Equipment - 1250 Commerce Drive - Farwell, MI 48622 USA
Tel +1 (989) 588-4295 - salesenvironmental@terex.com

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