

EDGE TR622 Series

Technical Specification



The EDGE TR622 Trommel Series combines high production rates with ease of use in a robust, portable and versatile screening plant that is ideal for applications such as top soil, recycling, composting and is proven in construction and demolition waste.

The TR622 incorporates impressive design features such as the 180° Radial conveyor, unique load sensing hydraulic drive system, eco-power saving functionality and a user friendly HMI control panel enabling easy adjustment to suit varying applications.

A quick drum exchange is facilitated via the hydraulic sliding feeder, enabling operators to simply lift out the existing drum to be replaced with the various drum types available.

The TR622 Series is available as a track, wheel or static chassis configuration.

KEY HIGHLIGHTS

- 2m (6'9") X 6.9m (22'6") long drum provides excellent screening results.
- Highly efficient hydraulic drive system with Intelligent load sensing.
- HMI Control Panel provides easy fine tuning for accurate application performance.
- 180° Radial Conveyor creates impressive stockpile volumes.
- Innovative feeder design allows for easy drum removal and screen media exchange.



OPERATIONAL DIMENSIONS

Length:	27615mm (90'5")	24638mm (80'7")
Width:	2800mm (9'3") Super Single 3.15m(10'3") Dual Wheel	2900mm(9'5")
Height:	4000mm (13'12")	3500mm(11'5")

TRANSPORT DIMENSIONS

Length:	18400m (60'5")	15900mm (33'10")
Width:	2800mm (9'3") Super Single 3150mm(10'3") Dual Wheel	2900mm(9'5")
Height:	3200mm (23'6")	3400mm(11'3")
Weight:	32000kg (35.2UST)	36500KG (40.2UST)

HOPPER DATA

Hopper Capacity:	8.5m ³ (12yds3)	7.5m ³ (9.8yds3)
Hopper Capacity With Extension:	7.5m ³ (9.8yd3)	8.5m ³ (12yd3)
Minimum Feed In Height:	3700mm (12'4")	3200mm (10'6")
Maximum Feed In Height:	3930mm	4300mm

DRUM DATA

Drum Length:	6900mm (22'6")	6900mm (22'6")
Drum Diameter:	2000mm (6'9")	2000mm (6'9")
Drive System:	Friction Four Wheel Drive	Friction Four Wheel Drive
Drum RPM:	0-24RPM	0-24RPM
Screening Angle:	3-7°	0-5°

FEED CONVEYOR DATA

Belt Width:	1200mm(48")	1200mm(48")
Belt Type:	4 ply plain belt	4 ply plain belt
Belt Speed:	Variable	Variable

OVERSIZE CONVEYOR DATA

Belt Width:	1050mm (42") wide	1,050mm (42") wide
Conveyor Length:	5084mm (16'7")	5089mm (16'7")
Max. Discharge Height:	4000mm (13'2")	3500m (11'6")
Operating Angle:	19-30°	19-30°
Stockpile Volumes(Oversize):	95m ³ (124yds3)	34m ³ (44yds3)

FINES CONVEYOR DATA

Belt Width:	1050mm (42")	1050mm (42")
Conveyor Length:	7600mm (24,11")	7600mm (24,11")
Belt Type:	3 Ply Plain	3 Ply Plain
Belt Speed:	Fixed	Fixed
Max. Discharge Height:	4900mm (16'1")	5000mm (16'5")
Radial Angle:	180°	180°
Operating Angle:	12-24°	12-24°
Remote Functionality:	Remote Control 180 Swivel	Remote Control 180 Swivel
Stockpile Volume:	1064m ³ (1392yds ³)	1056m ³ (1381yds ³)

COLLECTION CONVEYOR DATA

Belt Width:	1500m (60")	1500m (60")
Belt Type:	3-ply plain belt	3-ply plain belt
Belt Speed:	Variable	Variable

POWERUNIT DATA

Tier 3 Engine:	CAT 4.4 96Kw (127HP)	CAT 4.4 96Kw (127HP)
Tier 4 Final / STAGE V Engine:	CAT C3.6 90KW (120HP)	CAT C3.6 90KW (120HP)
Direct Electric:	Twin 45Kw	-
Hydraulic Tank Capacity:	1030L (272USG)	700L (184USG)
Fuel Tank Capacity:	650L (171USG)	350L (92USG)

CHASSIS/TRACK DATA

Chassis Type:	Wheeled Axle	Tracked
Tyres:	385/65 R22.5	-
Brake/Suspension:	Air Brakes Controlled by an RE6 Relay Emergency	-
Track Length C-C:		5046mm (16'6")
Track Shoe Width:		400mm (15")

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