PRODUCT BROCHURE

TR622 TROMMEL SERIES

EDGE INNOVATION AT WORK



SMART. EFFICIENT.
SEPARATION

+44(0)2887 740525 info@edgeinnovate.com edgeinnovate.com

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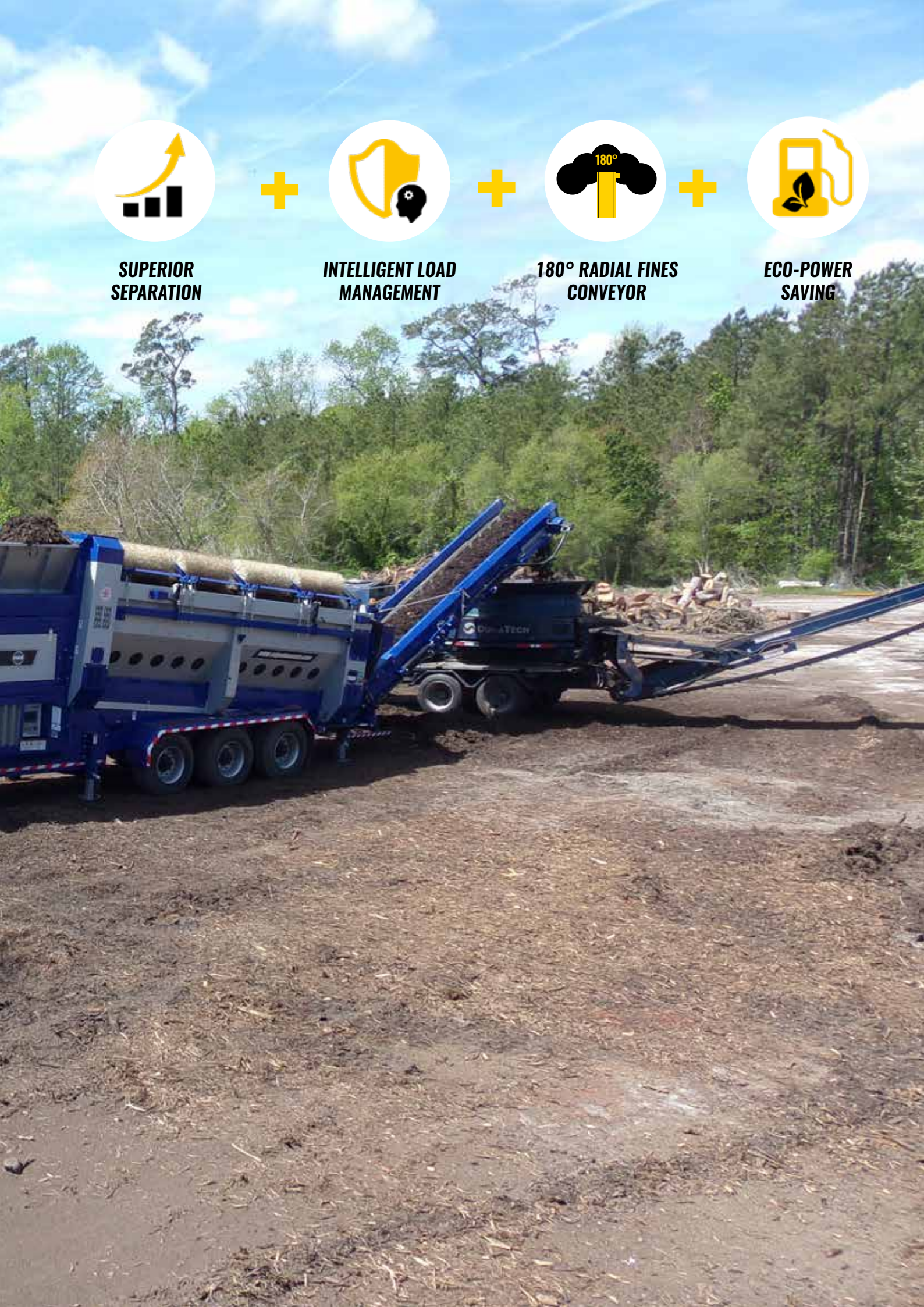


SUPERIOR SEPARATION

INTELLIGENT LOAD MANAGEMENT

180° RADIAL FINES CONVEYOR

ECO-POWER SAVING

TR622 SERIES
FEATURES & BENEFITS



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.



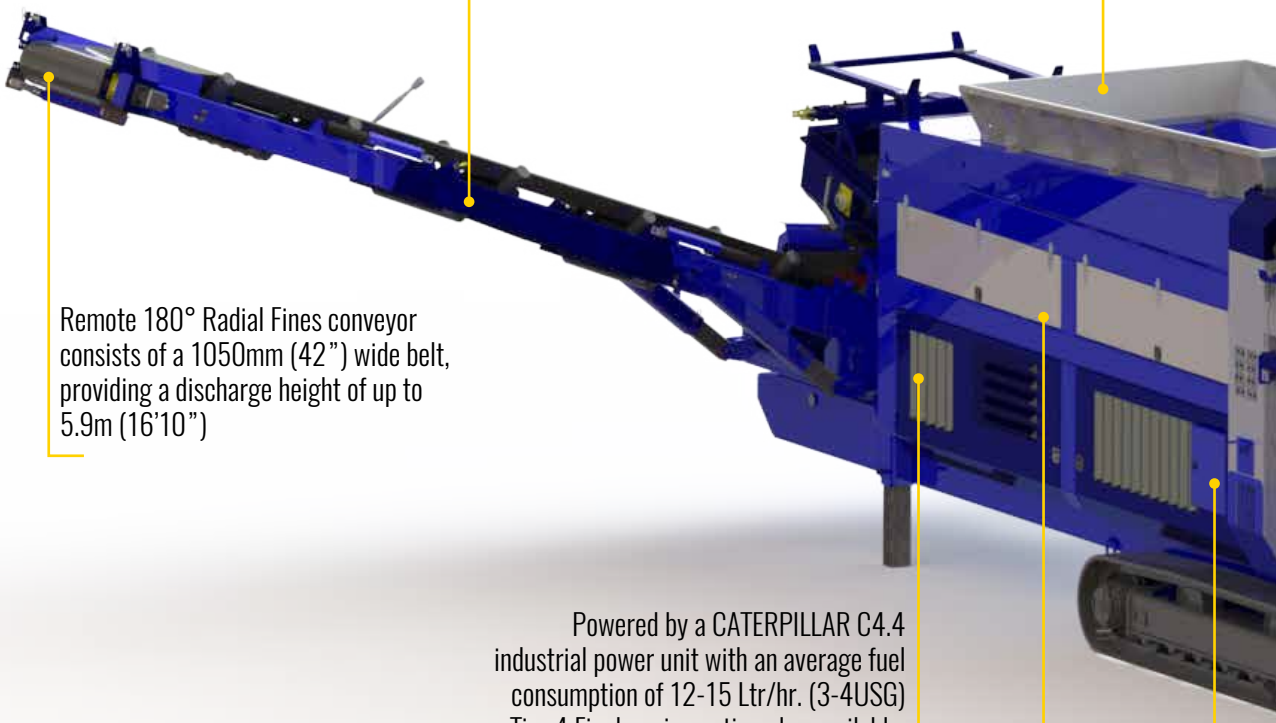
RADIAL CONVEYOR REDUCES MATERIAL HANDLING BY UP TO 75%



TR622 SERIES
DESIGN FEATURES

Hopper capacity ranges from 7.5m³ (9.8 yds³) to 8.5m³ (12 yds³)

Hydraulic folding function enables a quick transfer from transport to operational mode.



Remote 180° Radial Fines conveyor consists of a 1050mm (42”) wide belt, providing a discharge height of up to 5.9m (16’10”)

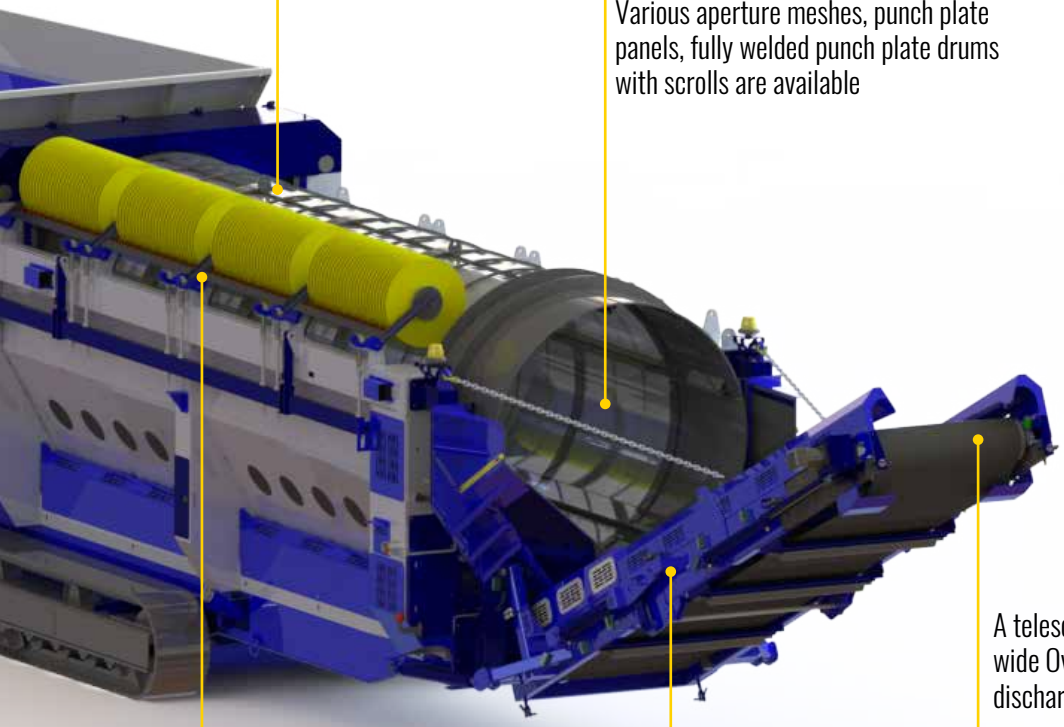
Powered by a CATERPILLAR C4.4 industrial power unit with an average fuel consumption of 12-15 Ltr/hr. (3-4USG) Tier 4 Final engine option also available.

200mm (48”) wide, variable speed Feeder conveyor with load sensing functions to prevent drum overload



Enables for one man operation with all main functions controlled via wireless remote

Control panel provides easy fine tuning for accurate application performance. Features include; automatic start-up, eco-power saving and material overload management system



2m (6’9”) X 6.9m (22’6”) long drum driven via a direct 4 wheel drive system with a variable drum speed

Various aperture meshes, punch plate panels, fully welded punch plate drums with scrolls are available

A telescopic, heavy duty 1050mm (42”) wide Oversize conveyor provides a discharge height of up to 4m (13’1”)

Hydraulic head fold function for a quick and easy set-up

Hydraulic adjustable cleaning brush ensures screening efficiency

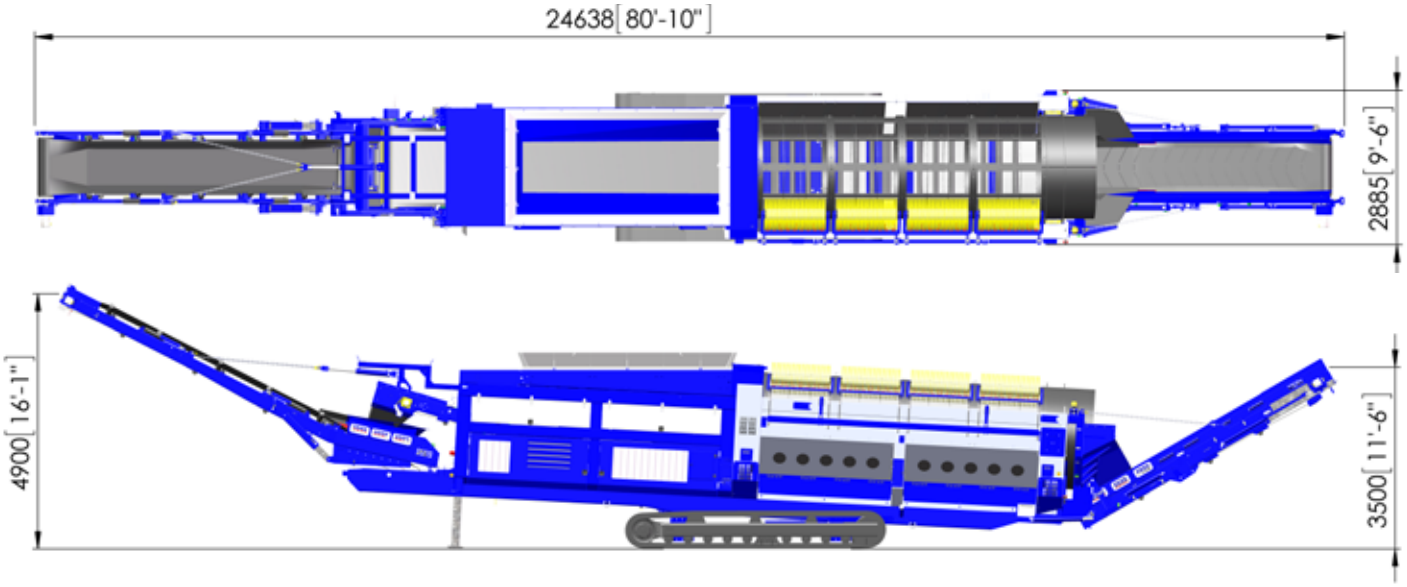
APPLICATIONS

C&D WASTE | MSW | COMPOST | MULCH | WOOD CHIP | TOP SOIL

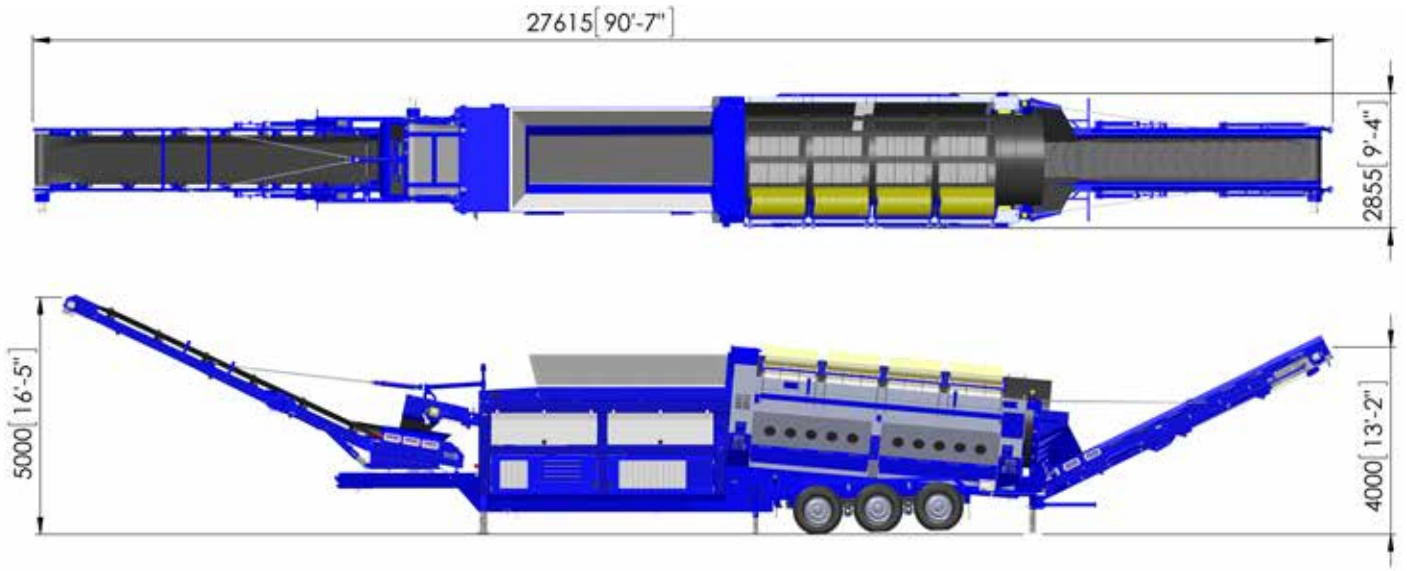
TR622 SERIES
TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS	TRM622	TRT622	TRS622
Length:	18.4m (60'5")	15.9m (33'10")	-
Width:	2.8m (9'3")	2.9m (9'-5")	-
Height:	4.1m (13'6")	3.4m (11'3")	-
Shipping Method:	RoRo	RoRo	RoRo
Gross Weight (Est):	32000KG / 35.2UST	36500KG / 40.2UST	11000KG / 12UST
CONVEYOR DATA			
Hopper Capacity:	7.5m^3 (9.8yds^3)	8.5m (12yds^3)	-
Minimum Feed In Height:	3.2m (10'6")	3.7m (12'4")	-
Collection Conv. Belt Width:	1.5m (60")	1.5m (60")	-
Fines Conv. Discharge Height:	5m (16'5')	4.9m (16'1")	-
Fines Conv. Stockpile Volume:	1064m^3 (1392yds^3)	1056m^3 (1381yds^3)	-
Oversize Conv. Discharge Height:	4m (13'2")	3.5m (11'6")	-
Oversize Conv. Stockpile Volume:	95m^3 (124yds^3)	34m^3 (44yds^3)	-
DRUM DATA			
Drum Length:	2m (6'9")	2m (6'9")	2m (6'9")
Drum Diameter:	6.9m (22'6")	6.9m (22'6")	6.9m (22'6")
Drive System:	Friction Four Wheel Drive	Friction Four Wheel Drive	Friction Four Wheel Drive
Drum RPM:	0-24RPM	0-24RPM	0-24RPM
Screening Angle:	3-7°	0-5°	-
POWERUNIT DATA			
Tier 3 Engine:	CAT4.4 96Kw (127Hp)	CAT4.4 96Kw (127Hp)	-
Tier 4 Final Engine:	CAT4.4 110Kw (148Hp)	CAT4.4 110Kw (148Hp)	-
Direct Electric:	Twin 45Kw	-	230 / 400V

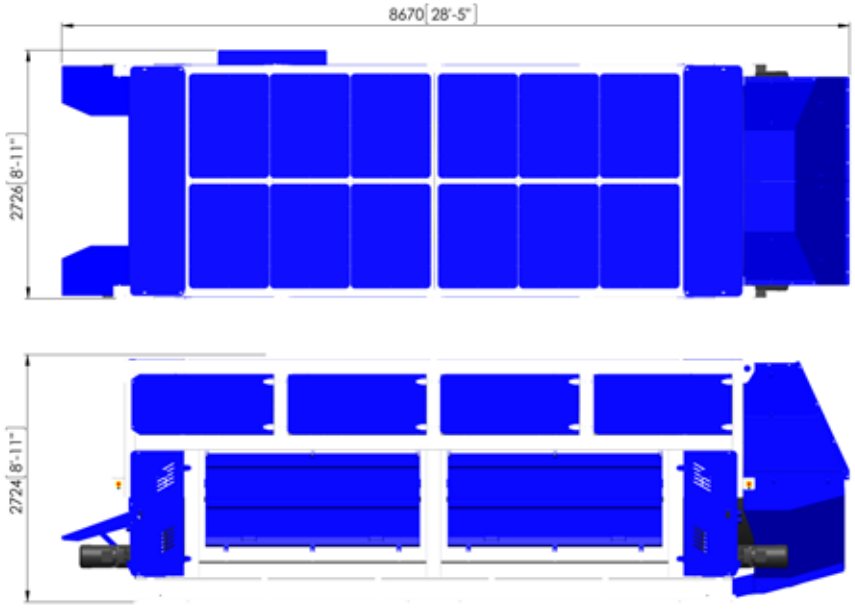
TRT622 OPERATIONAL DIMENSIONS



TRM622 OPERATIONAL DIMENSIONS



TRS622 OPERATIONAL DIMENSIONS



AVAILABLE OPTIONS

CHASSIS FORMATS



Tracked Mounted - Fully tracked for on-site manoeuvrability



Wheeled Mounted. Ideal for operators with multiple sites or rental contractors



Static Mounted. Optional collection and discharge conveyors available.

POWER-SOURCE CONFIGURATIONS



LRC - Cat4.4 96Kw (129HP)
Tier 4 Final - Cat 4.4 110Kw (147HP)

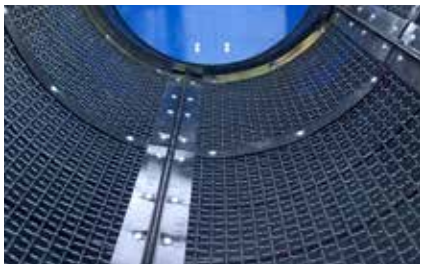


Dual Power -Provides two running options; Diesel / hyd. or Electric/ hyd.

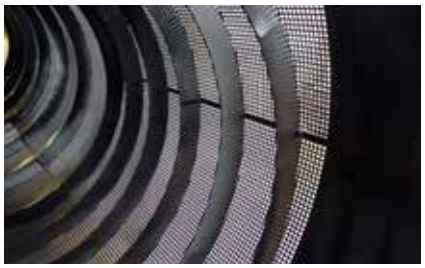


Direct Electric - Only available with a wheel mounted chassis.

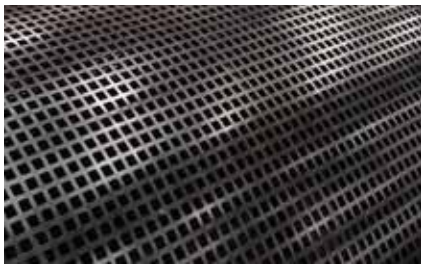
SCREENING DRUM OPTIONS



Mesh Panels - A large screening are suitable for compost, mulch, topsoil etc.



Spiral Drum - ideal for extending screening time of feed material



Punch Plate - suitable for abrasive materials with rough or large piece sizes

ADDITIONAL SEPARATION OPTIONS



Twin Deck Vibrating Grid - Available with remote tipping function.



Reject Grid - manual or remote tipping grids available with various bofor bars



Fully Contained Vacuum System - no secondary power source required.



Overband Magnet- fitted to collection conveyor to extract ferrous metal



Drum Knives

Additional customisation is available upon request. Speak to your nearest EDGE distributor for details.

PRODUCT AND TECHNICAL SUPPORT

TRIED, TESTED & TRUSTED THROUGHOUT THE GLOBE

With our ethos of "Innovation at Work" EDGE not only persist in pushing the boundaries of design and manufacturing to produce hard working, quality machinery, we also bring that same ethos to our aftersales service in order to bring real benefits to customers right across the world.

At EDGE we like to see the sales transaction as the start of a long-term partnership. Our goal is to offer the best customer support in the market for the lifetime of the unit. EDGE has reinvested and expanded our after-sales department in order to streamline and provide the customer support we believe our customers deserve.

TECHNICAL ASSISTANCE

PARTS AVAILABILITY

DELIVERY

WARRANTY



EDGE INNOVATION AT WORK



CONTACT US TODAY.

30 Farlough Road, Dungannon, Co.Tyrone, BT71 4DT, Northern Ireland

+44(0)2887 740525 info@edgeinnovate.com edgeinnovate.com