

PRODUCT BROCHURE TR622 TROMMEL SERIES



SMART. EFFICIENT.
SEPARATION



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**CONVEYOR
CHOICE**

SMART. EFFICIENT. SEPARATION

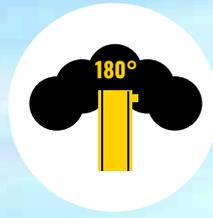




**SUPERIOR
SEPARATION**



**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")

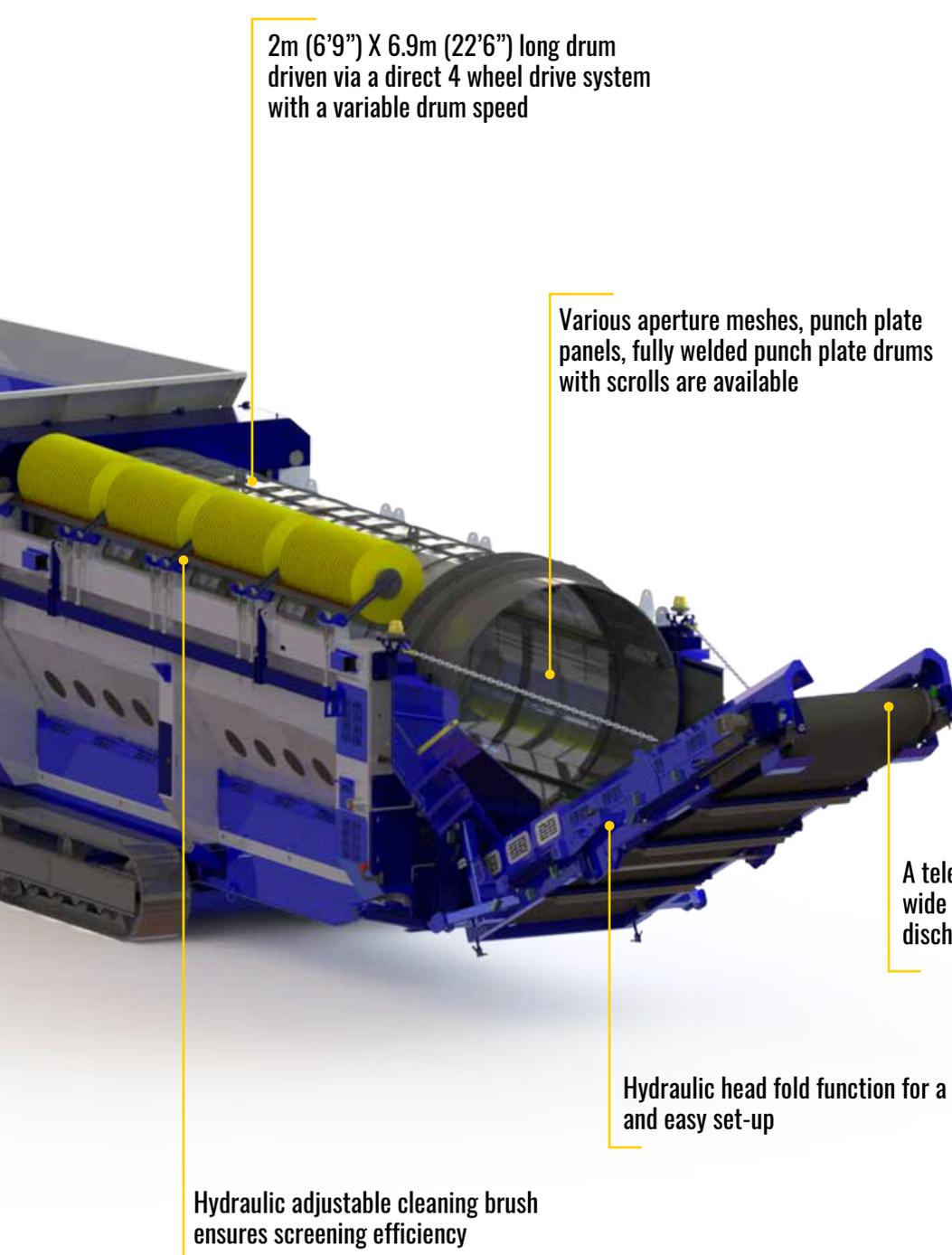
Powered by a CATERPILLAR C3.6 industrial power unit with an average fuel consumption of 12-15 Ltr/hr. (3-4USG)
LRC engine option also available.

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

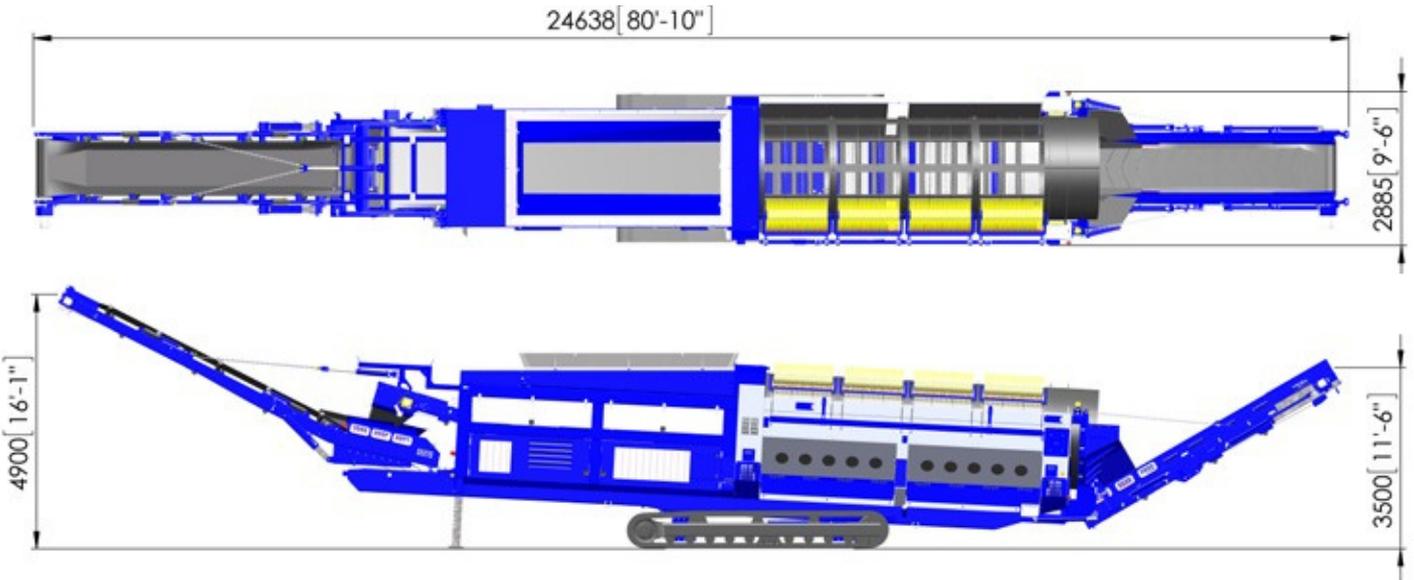
- | | | | | | |
|--|-----|---------|-------|-----------|----------|
| | MSW | COMPOST | MULCH | WOOD CHIP | TOP SOIL |
| | | | | | |

TR622 SERIES

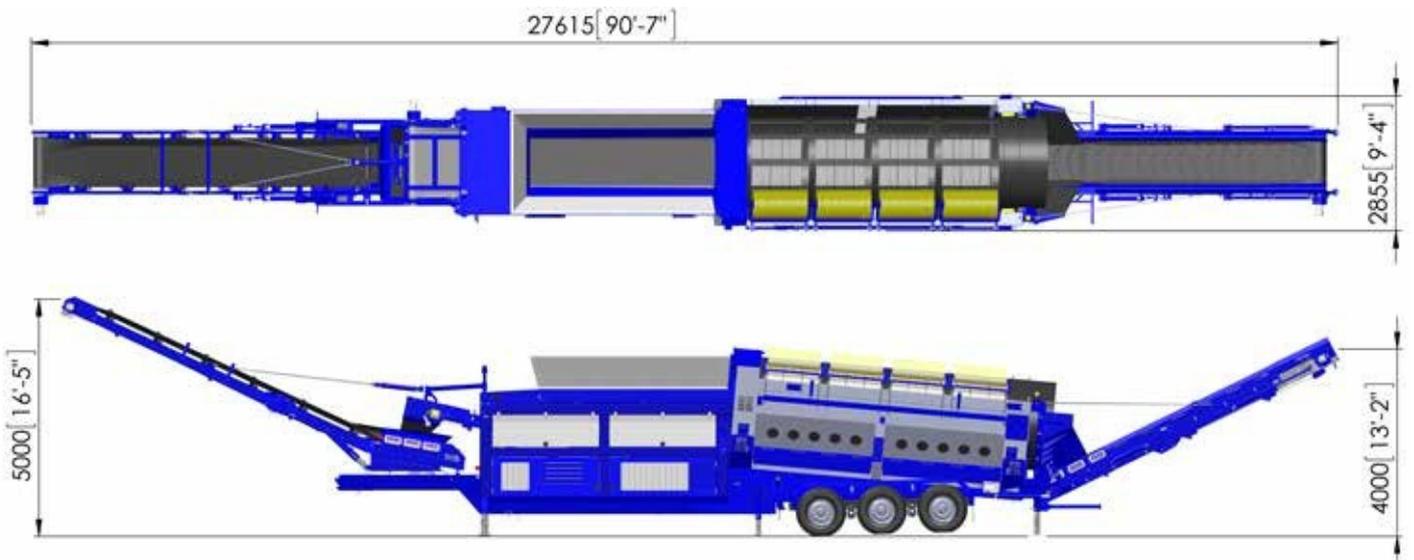
TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS	TRM622	TRT622	15.9m	TRS622 -
Length:	18.4m (60'5")	(52'2")		-
Width:	2.8m (9'3")	2.9m (9'5")		-
Height:	4.1m (13'6")	3.4m (11'3")		RoRo
Shipping Method:	RoRo	RoRo		11000KG / 12UST
Gross Weight (Est):	32000KG / 35.2UST	36500KG	/	
		40.2UST		
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:				
Drum Diameter:	2m (6'9")	2m (6'9")		2m (6'9")
Drive System:	6.9m (22'6")	6.9m (22'6")		6.9m (22'6")
Drum RPM:	Friction Four Wheel Drive	Friction Four Wheel Drive		Friction Four Wheel Drive
Screening Angle:	0-24RPM	0-24RPM		0-24RPM
POWERUNIT DATA				
Tier 3 Engine:				
Tier 4 Final Engine:				
Direct Electric:	CAT4.4 96Kw (127Hp)	CAT4.4 96Kw (127Hp)		-
	CAT3.6 90Kw	CAT3.6 90Kw		-
	(120Hp) Twin 45Kw	(120Hp) -		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)

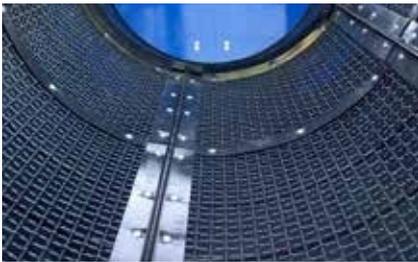


Dual Power - Provides two running options; Diesel / hyd. or Electric/ hyd.



Direct Electric - Only available with a wheel mounted chassis.

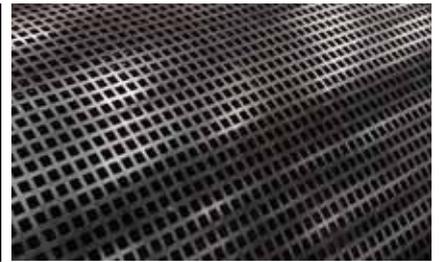
SCREENING DRUM OPTIONS



Mesh Panels - A large screening area 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 Reject Grid - manual or remote tipping 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 aftersales department in order to streamline and provide the customer support we believe our customers deserve.



**TECHNICAL
ASSISTANCE**



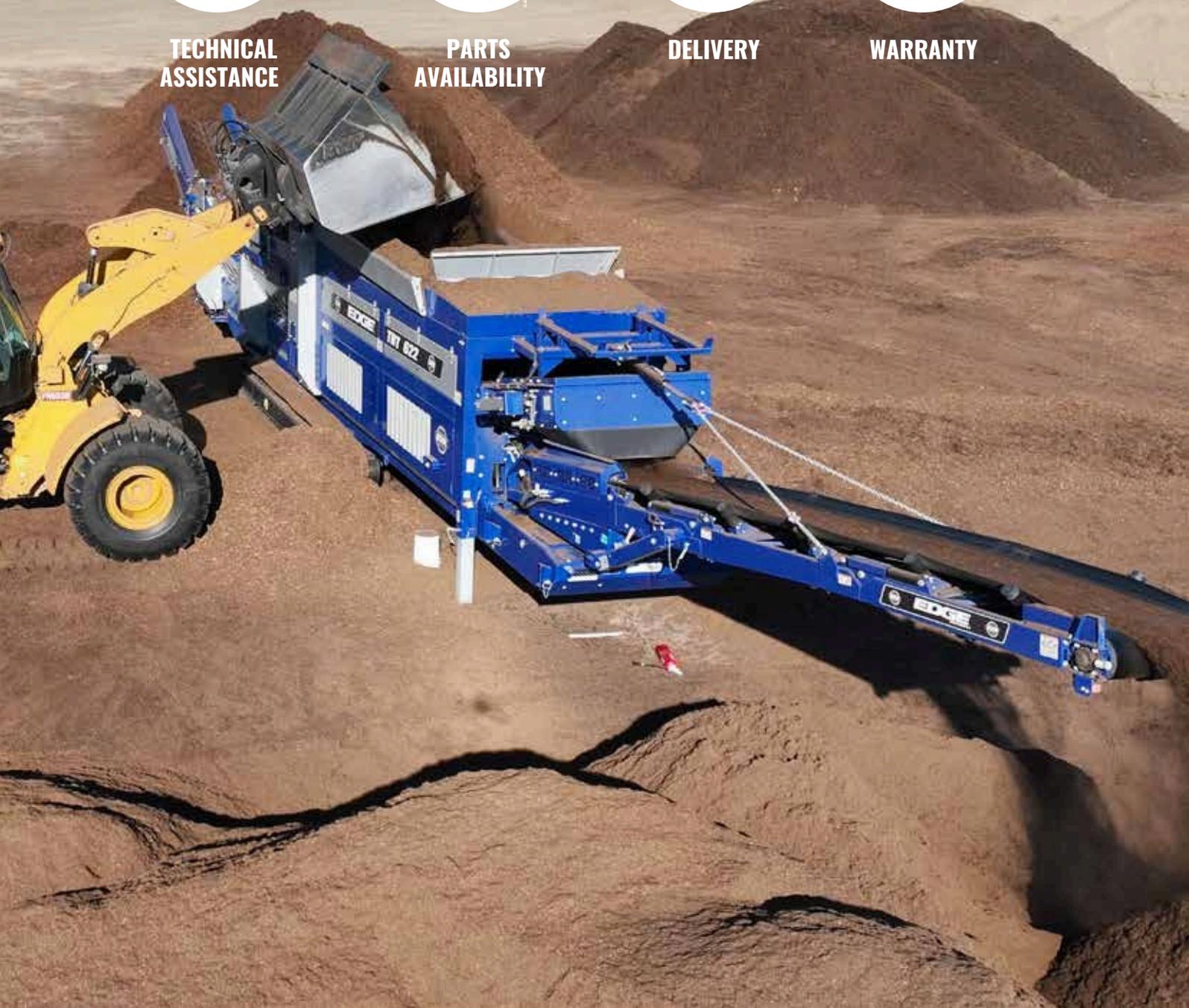
**PARTS
AVAILABILITY**



DELIVERY



WARRANTY





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