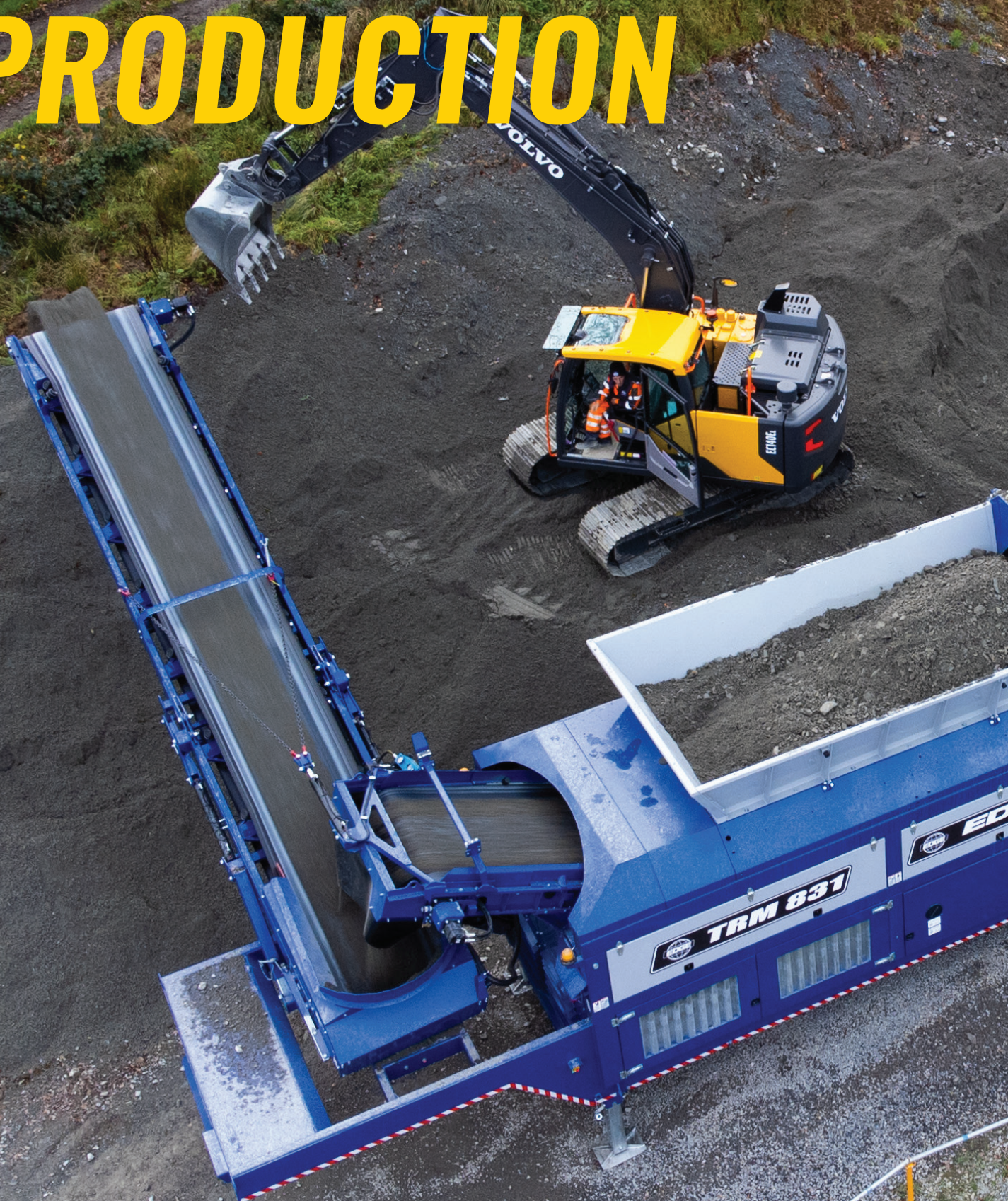




**UNRIVALLED
PRODUCTION**

UNRIVALLED PRODUCTION

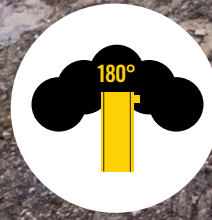




**HIGH
PRODUCTION**



**INTELLIGENT LOAD
MANAGEMENT**



**180° RADIAL FINES
CONVEYOR**



**ECO-POWER
SAVING**



TRM831 SERIES

FEATURES & BENEFITS



One of the largest mobile trommels available; the EDGE TRM831 offers high production rates with extensive stockpiling capacities thanks to its end discharge conveyor design and remote 180° radial fines conveyor.

With unrivalled production rates and numerous drum options, the EDGE TRM831 is ideal for a variety of applications such as top soil, recycling, composting and is proven in construction and demolition waste.

The TRM831 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 a wide array of 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.

Like all EDGE products, the EDGE TRM831 can be customised to meet the customers exact operation requirements.

KEY HIGHLIGHTS

- 2.3m (8') X 9.3m (31') 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.



BIGGER SIZE
BIGGER PRODUCTION



TRM831 SERIES

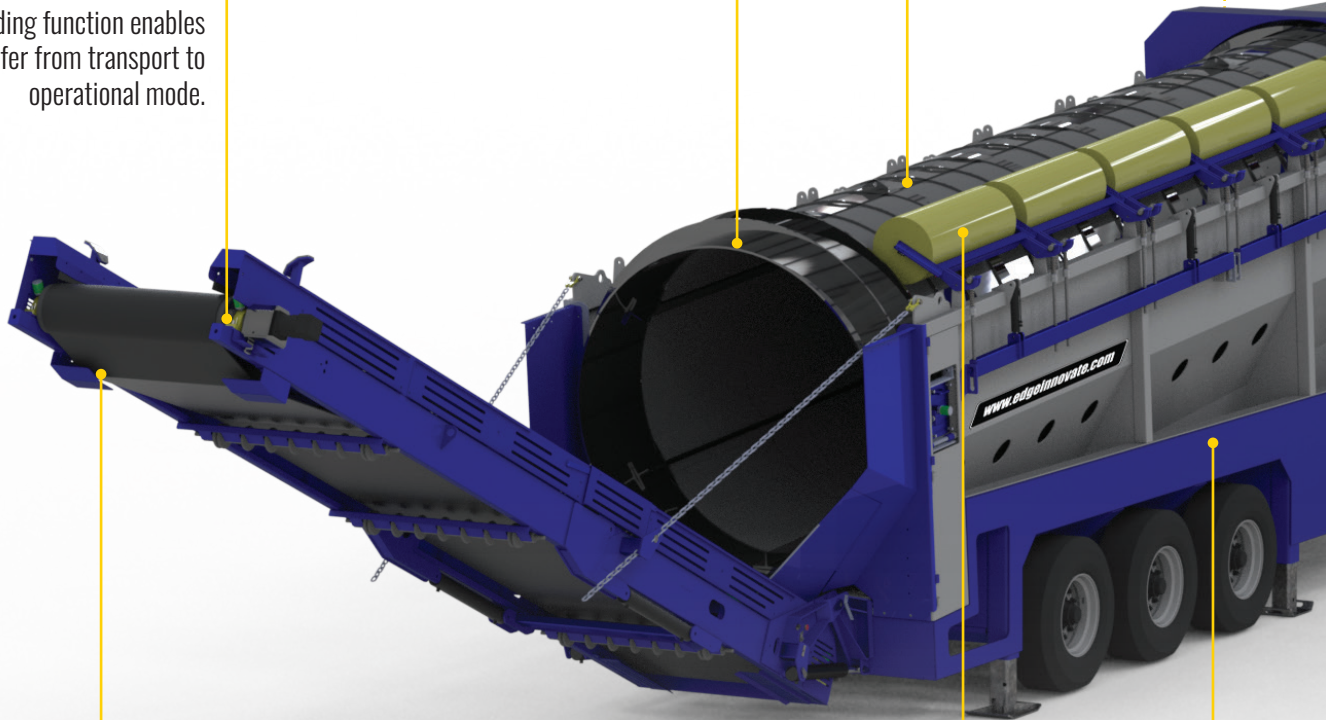
DESIGN FEATURES

Control panel provides easy fine tuning for accurate application performance.

2.3m (8') X 9.3m (31') long drum driven via a hydrostatic 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

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



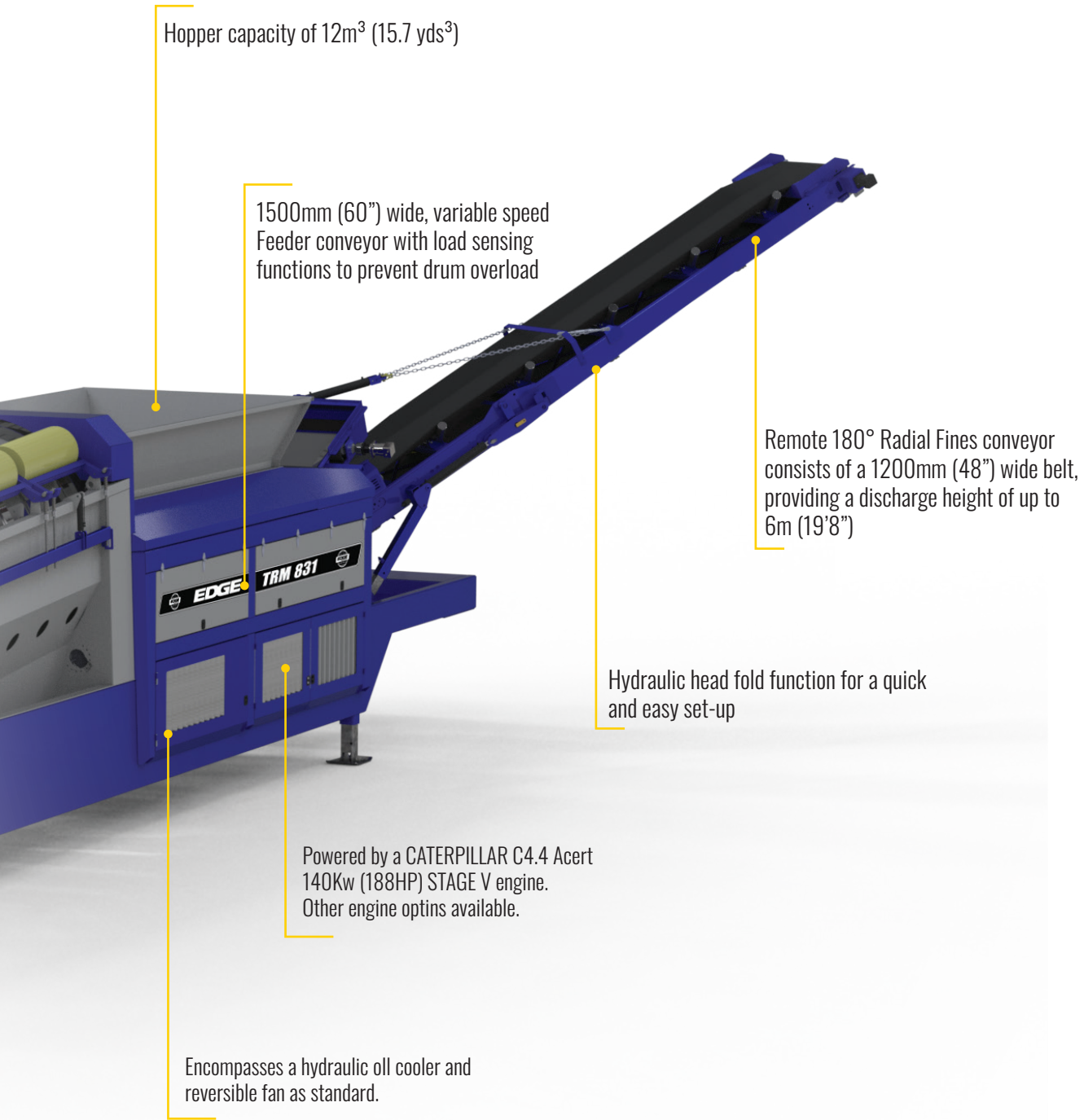
A heavy duty 1200mm (48") wide Oversize conveyor provides a discharge height of up to 3.7m (12'5")

Hydraulic adjustable cleaning brushes ensures screening efficiency



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

1500mm (60") wide Collection conveyor with twin drive as standard



Hopper capacity of 12m³ (15.7 yds³)

1500mm (60") wide, variable speed Feeder conveyor with load sensing functions to prevent drum overload

Remote 180° Radial Fines conveyor consists of a 1200mm (48") wide belt, providing a discharge height of up to 6m (19'8")

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

Powered by a CATERPILLAR C4.4 Acert 140Kw (188HP) STAGE V engine. Other engine options available.

Encompasses a hydraulic oil cooler and reversible fan as standard.

APPLICATIONS

C&D WASTE



MSW



COMPOST



MULCH



WOOD CHIP



TOP SOIL



TRM831 SERIES

TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS

TRM831

Length:	20940mm (68'8")
Width:	3000mm (9'10")
Height:	4110mm (13'6")
Shipping Method:	RoRo
Gross Weight (Est):	37,000KG (40.78UST)

CONVEYOR DATA

Hopper Capacity:	12m ³ (15.7yrd ³)
Minimum Feed In Height:	3270mm (10'9")
Feed Conv. Belt Width:	1500mm (60")
Collection Conv. Belt Width:	1500mm (60")
Fines Conv. Discharge Height:	5990mm (19'8")
Fines Conv. Stockpile Volume:	1030m ³ (1347yrd ³)
Oversize Conv. Discharge Height:	3780mm (12'5")
Oversize Conv. Stockpile Volume:	100m ³ (130yrd ³)

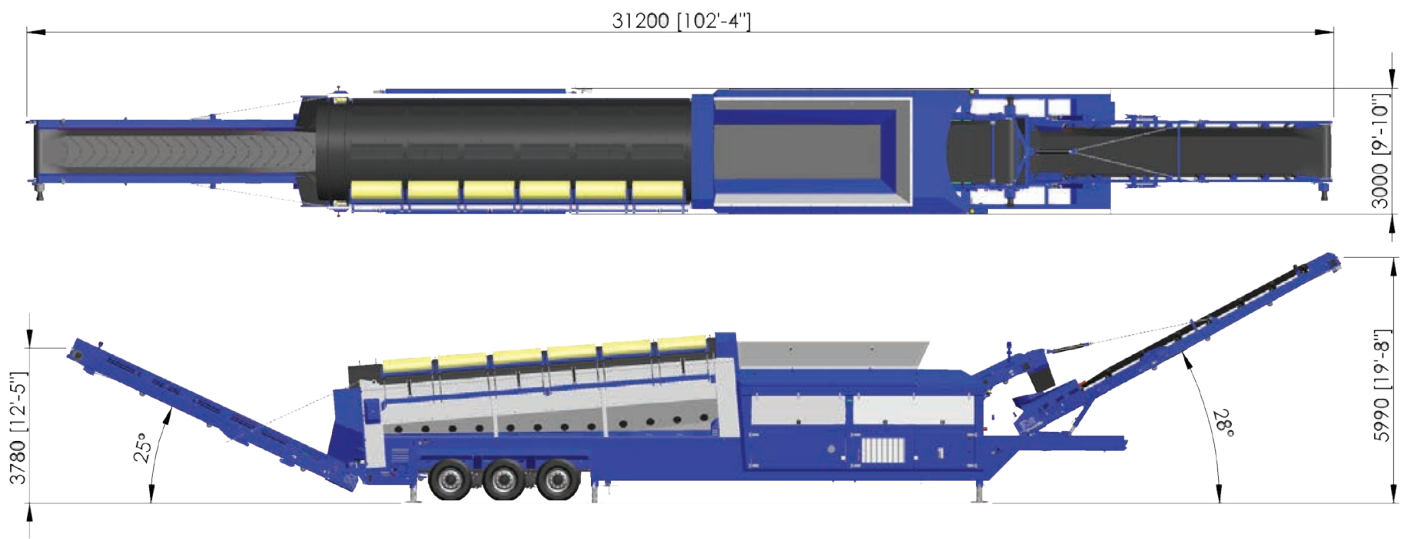
DRUM DATA

Drum Length:	9335mm (31')
Drum Diameter:	2315mm (8')
Drive System:	Friction Four Wheel Drive
Drum RPM:	0-25RPM
Screening Angle:	4-7°

POWERUNIT DATA

Tier 4 Final Engine:	CAT C4.4 Acert 140Kw (188HP)
STAGE V Final Engine:	CAT C4.4 Acert 140Kw (188HP)

TRM831 OPERATIONAL DIMENSIONS



AVAILABLE OPTIONS

CHASSIS FORMATS



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

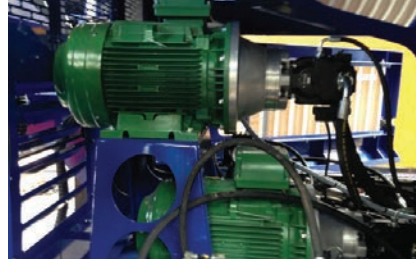


Static Mounted. Optional collection and discharge conveyors available.

POWER-SOURCE CONFIGURATIONS

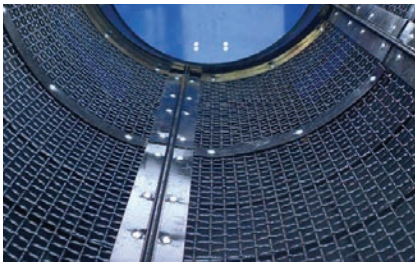


Tier 4 Final - Cat 4.4 140Kw (188HP)
STAGE V - Cat 4.4 140Kw (188HP)

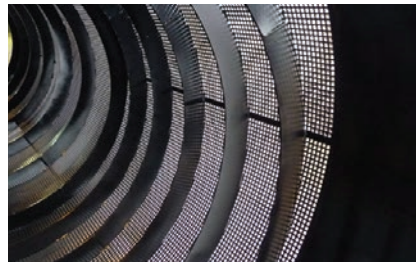


Direct Electric - Only available with a wheel mounted chassis.

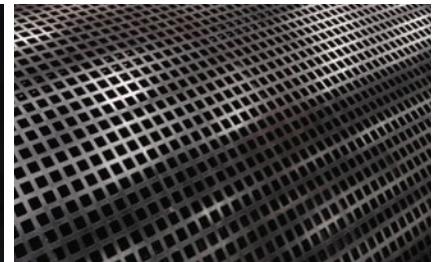
SCREENING DRUM OPTIONS



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.



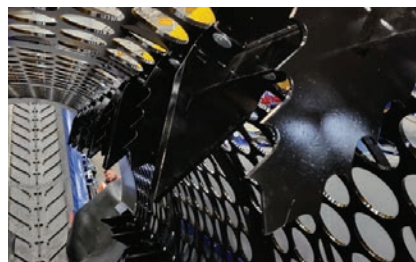
Reject Grid - manual or remote tipping grids available with various bofor bars



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 aftersales department in order to streamline and provide the customer support we believe our customers deserve.



**TECHNICAL
ASSISTANCE**



**PARTS
AVAILABILITY**



DELIVERY



WARRANTY





**CONTACT US
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