



INNOVATIVE MATERIAL HANDLING AND RECYCLING SOLUTIONS

INNOVATION AT WORK

Over 30 years experience in the design, manufacturing
and exporting of **Material Handling & Recycling Solutions**



www.edgeinnovate.com



**INNOVATION
AT WORK**

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ONE BRAND TWO PRODUCT LINES

EDGE INNOVATE'S RANGE OF PRODUCTS HAVE BEEN DESIGNED TO PROVIDE THE **MOST EFFICIENT** AND **COST EFFECTIVE** MATERIAL HANDLING AND RECYCLING PROCESSES POSSIBLE





KNOWLEDGE & EXPERIENCE:

With over 30 years' experience in designing and manufacturing; EDGE Innovate has quickly become a global leader in the design and distribution of equipment used in the recycling, materials handling and quarry industries. Our focus is to help our customers to grow and improve profitability by providing equipment that drives down operational costs whilst maximising return.

With a central ethos of "Innovation at Work" EDGE Innovate have consistently challenged the boundaries of design and manufacturing to produce hard working, quality machinery that bring real operational benefits to our customers right across the world.

Through the implementation of an aggressive product development programme and focus on research and development; EDGE Innovate have been able to gain a competitive foothold in the industry, creating an ever increasing annual turnover and employing over 170 people directly. No other singular brand on the market provides access to such a diverse range of products.

EDGE Innovate's equipment can be seen working in over 70 different countries in a wide range of different industries with the brand being supported via a 50 plus strong distributor network.

EDGE Innovate product line up is currently made up of reliable and durable;

- Mobile stackers
- Tracked stackers
- Telescopic conveyors
- Tracked and mobile feeders
- Truck off-loaders
- Trommel screens
- Colour Trommels
- Inclined screens
- Slow-speed waste shredders
- Picking stations
- Material classifiers
- Roll-sizers

All of which allow our customers to **shred, screen, separate, stockpile and size** a vast array of materials.

STACK MORE FOR LESS



MATERIAL HANDLING SOLUTIONS:

The EDGE brand name is intrinsically linked to the manufacturing of mobile and track conveyors, feeders and radial track stockpilers. Our solutions have been designed for maximum productivity whilst minimising operator costs as their central design principle. Thanks to this philosophy; EDGE Innovate can offer the most cost effective and efficient way of stockpiling or transferring material on the market today.

After 30 years as a leading manufacturer of conveying solutions, EDGE Innovate are acutely aware that one style of conveyor is nowhere near sufficient enough to meet the differing requirements of each material handling operation. With a 'one size does not fit all' mind-set, EDGE Innovate's material handling range of equipment offers operators a wide range of stacker and feeder formats to suit your specific material handling requirement.

WHY CHOOSE EDGE?



With a reduced dependency on wheel loaders and reduced number of moving vehicles on site, operators will benefit from improved site safety, reduced noise, dust and engine emissions.



Improved material quality by reduced compaction, degradation, segregation and contamination through compacting and crushing.



Increase operational production rates. Excavators/ wheel loaders are now free to concentrate solely on the continuous loading of material to crushers, screeners and delivery trucks.



By eliminating the double handling of material, reduced labour and fuel costs; EDGE Innovate's material handling range has been proven to minimize expenses and maximize uptime whilst maintaining production costs at the lowest possible cost per ton.

MS SERIES

With over 1000 mobile stockpilers manufactured and working across the world to date, the EDGE range of mobile stackers have been tried and tested in the harshest of environments. With productivity, mobility and minimising operator costs as its central design principles, the MS-Series range of conveyors are the most cost effective and efficient way of stockpiling or transferring material on the market today.

FEED METHOD



Constant

CONVEYOR LENGTHS



30-100ft

STOCKPILE MODE

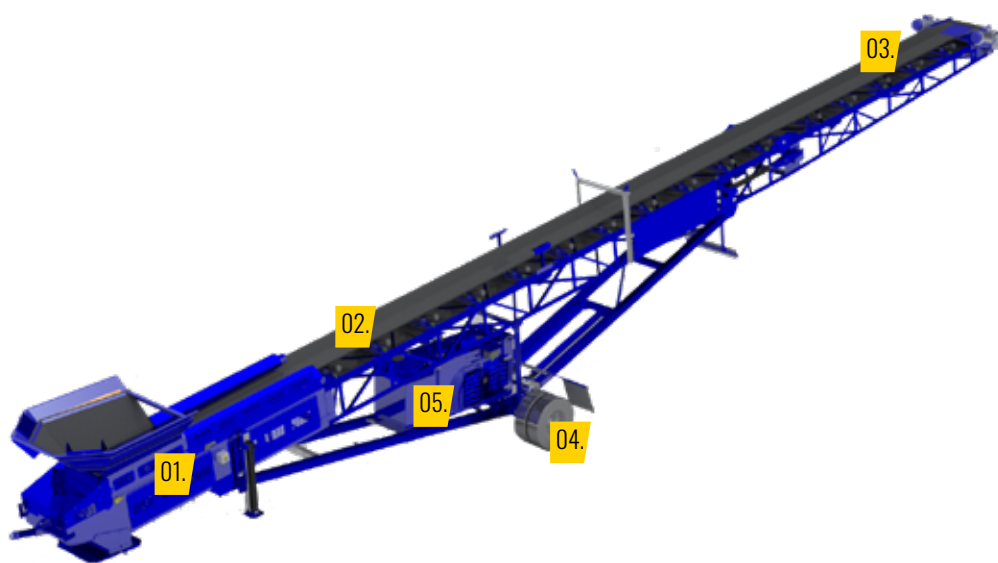


Radial

POWER SOURCES



ELECTRIC



01 Can be coupled with any Crusher, Screen, Shredder or Wash Plant

02 Various belt widths and plys available to suit an end users application requirements

03* Hydraulic angle adjustment with a discharge heights of up to 11.8m (38'9")

04* Radial axles allow for the creation of stockpiles of up to 8437m³ (11,035yd³)

05 Various power sources available including hydraulic coupling, diesel hydraulic or direct electric

KEY FACTS

WEIGHT
2.1 - 24
(T)

STOCKPILE VOLUME
UP TO 8437
(m³/yd³)

THROUGHPUT
UP TO 700
(T/hr)



TS SERIES

EDGE Innovate has taken decades of experience in manufacturing conveyors and created a Track Stacker series that offers operators an efficient, reliable and robust material handling solution. Designed to work in the harshest of environments the TS-Series can be continually fed by any crusher, screener or shredder with a rapid set-up time and impressive stockpiling capacities. The EDGE Track Stockpiler is a versatile conveyor that can be used in a wide range of applications.

FEED METHOD



Constant

CONVEYOR LENGTHS



50-100ft

STOCKPILE MODE



Conical

POWER SOURCES



01 Hydraulic Feed Height adjustment with optional wear liners and hopper styles

02 Select between 1000 / 1200mm (40/48") wide conveyors with various belt types and plys available

03 Hydraulic folding head assembly with a maximum discharge height of up to 13.1m (43'4")

04 Hydraulic working angle adjustment

05 Various Power source options available; Diesel / Hydraulic, Dual Power, Diesel Genset

KEY FACTS

WEIGHT
9.2 - 21
(T)

STOCKPILE VOLUME
UP TO 3990 / 5218
(m³/yd³)

THROUGHPUT
UP TO 1000
(T/hr)



KOBELCO

EDGE

TSR SERIES

The EDGE TSR80 is a 80ft long tracked mounted conveyor with radial stockpiling functionality. The core design principal for the TSR80 has been to provide customers with an easily transported stacker that can be moved nationally and internationally with minimal fuss or cost. Thanks to the robust design of the track stacker range and the ability to radial hydraulically; the TSR80 is capable of creating vast stockpiles with a throughput of up to 700 TPH (771 UST/hr).

FEED METHOD



Constant

CONVEYOR LENGTHS



80ft

STOCKPILE MODE



Radial

POWER SOURCES



01 Hydraulic Feed Height adjustment with optional wear liners and hopper styles

02 Twin driven, 1200mm (48") wide, fully skirted conveyor with various belt types and plys available

03 Remote adjustable working angle with optional ultrasonic sensor for automatic stacking

04 Swinging Radial Axle complete with wheel drives, axle jacklegs and automatic radial functionality

05 Select between Diesel / Hydraulic or Diesel Genset power sources

06 Self propelled unit for on-site relocation with complete 360° slew functionality

KEY FACTS

WEIGHT
18.7
(T)

STOCKPILE VOLUME
UP TO 10535 / 13779
(m³/yd³)

THROUGHPUT
UP TO 700
(T/hr)



MTS 140

EDGE Innovate's MTS140 is a mobile mounted 140ft (42.2m) long telescopic stockpiler. It offers operators the most cost effective bulk material handling solution on the market. The MTS140 allows operators to achieve maximum stockpile capacity using a robust, fully automated stockpiling solution that eliminates the doubling handling of material and maintains high quality material via the creation of windrow stockpiles.

FEED METHOD



Constant

CONVEYOR LENGTHS



140ft

STOCKPILE MODE



Radial Windrow

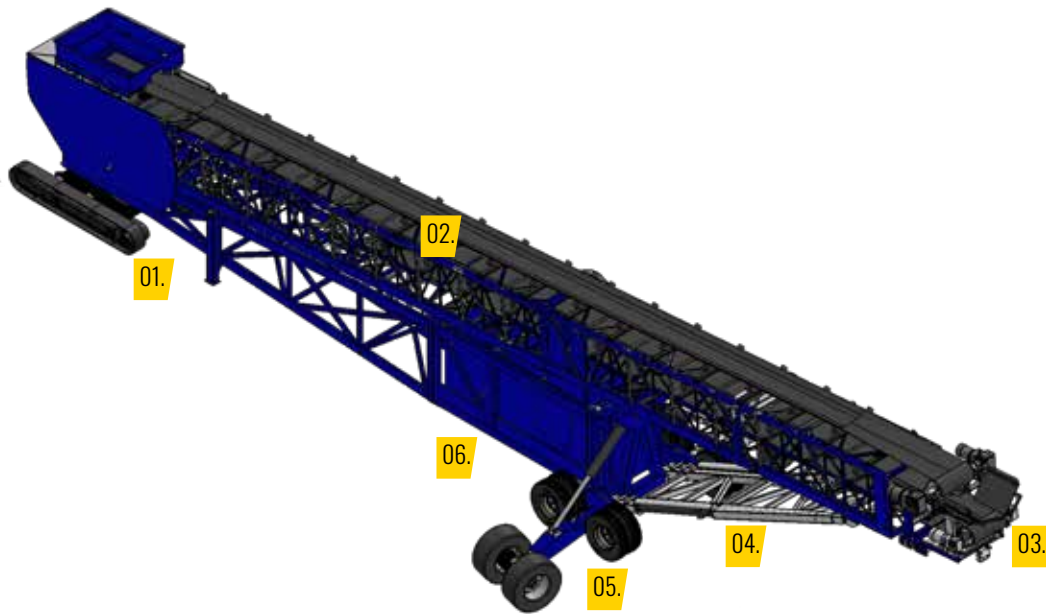


5 Optional Radial Stockpile Programmes available

POWER SOURCES



ELECTRIC



01 Optional track bogie for self propulsion and 360° slewing functionality

02 Optional walkway and ladder access is available to allow for quick and easy maintenance

03 Hydraulic telescopic function increases conveyor length from 26.5m (86'11") to 42.2m (140')

04 Hydraulic working angle adjustment with automatic raise functionality

05 Independent hydraulic drop down axles allows for a quick transition from operational to travel mode

06 Optional diesel or diesel genset power sources available

KEY FACTS

WEIGHT
38
(T)

STOCKPILE VOLUME
UP TO 53,492 / 68,658
(m³/yd³)

THROUGHPUT
UP TO 1000
(T/hr)

**INCREASE STOCKPILE
CAPACITY BY UP TO
30%**







DIRECT FEED STOCKPILERS

FS SERIES

The EDGE FS Series is designed for customers who either require a controlled flow of material output or need to direct feed using an excavator or wheel loader. Available with discharge conveyors from 30ft to 90ft, various chassis formats, power-source options and infinite number of add on options such as a two deck vibrating live head, overband magnet, wireless remote functionality and radio reject grid. The Feeder Stacker range is arguably EDGE Innovate's most versatile product.

FEED METHOD



DIRECT

DISCHARGE CONVEYOR LENGTHS



50-90ft

CHASSIS FORMAT

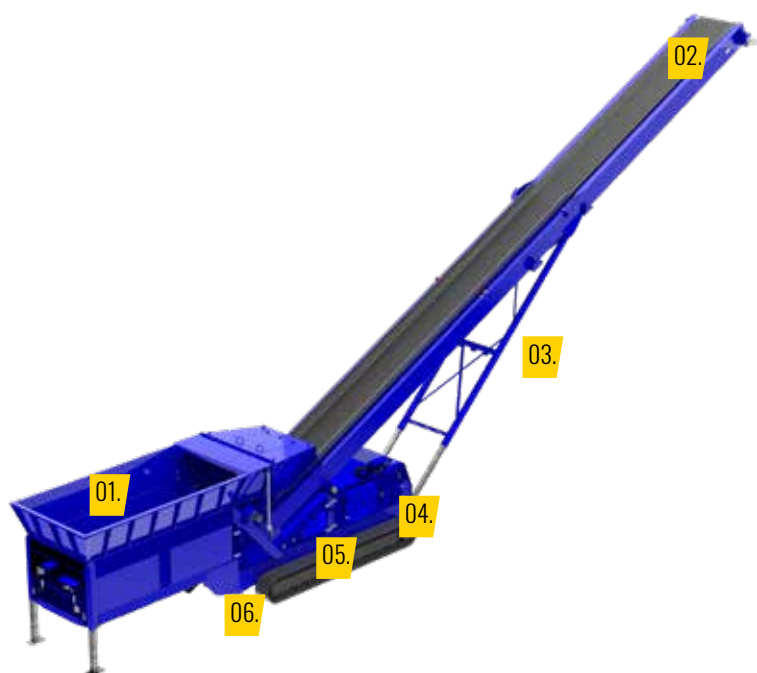


Tracked 360° Wheeled

POWER SOURCES



G ELECTRIC



01 A high torque feed conveyor facilitates the direct loading of material via excavators, loaders or grab cranes

02 Option of 1000mm (40") or 1200mm (48") belt widths with conveyor lengths ranging from 50ft to 90ft depending on chassis format

03 Hydraulic adjustable working angle provides a maximum discharge height of up to 12.6m (41'7")

04 Select between diesel/hydraulic, dual power, diesel genset and direct electric power sources depending on chassis format

05 User friendly HMI control panel allows for sequential start up, tracking, engine speed adjustment and the logging of fault codes.

06 FS-Series is available as a tracked mounted chassis, 360° slew or wheel mounted format.

KEY FACTS

WEIGHT
22 - 31.5
(T)

STOCKPILE VOLUME
UP TO 4030 / 5271
(m³/yd³)

THROUGHPUT
UP TO 1000
(T/hr)



FTS RADIAL

The EDGE FTS Radial is setting new standards in the turning, blending and stockpiling of organic material. An unique concept from EDGE Innovate; the FTS Radial is a portable feed stacker that is specifically designed for processing lower density, organic materials such as mulch, compost and soils. Used to optimise the conditions of biological decomposition, the FTS Radial allows compost windrows to release excess heat, aerate and untangle.

FEED METHOD



DIRECT

DISCHARGE CONVEYOR LENGTH



31ft

STOCKPILE MODE

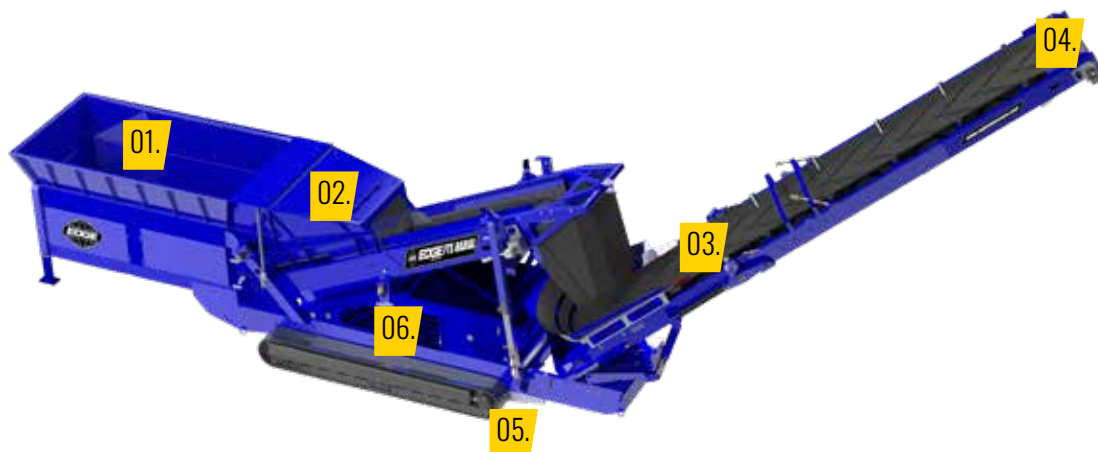


Radial



Windrow

POWER SOURCES



01 Large hopper capacity coupled with an 1400mm (48") wide, variable speed feed conveyor

02 Forward/Reverse, variable speed rotor conditions material and prevents material bridging

03 180° slewing discharge conveyor provides a discharge height of up to 6m (19'10")

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

05 Simultaneous track and stockpile functionality for the creation of windrow stockpiles

06 Powered by a CATERPILLAR C4.4 industrial power unit. Tier 4 Final / STAGE V engine options available.

KEY FACTS

WEIGHT
24
(T)

STOCKPILE VOLUME
UP TO 952/ 1246
(m³/yd³)

THROUGHPUT
UP TO 1000
(T/hr)



LTS SERIES

The EDGE LTS is a long life, low maintenance, track feeder stockpiler that is uniquely designed to allow for the low-level loading of material from wheel loaders, grab cranes and excavators. The EDGE LTS is ideal for the stockpiling and transferring of hard rock and ore for the mining and quarrying industries. The huge hopper capacity and heavy duty feeder design enables the LTS Series to easily cope with the extreme demands of any quarrying or mining application.

FEED METHOD



DIRECT

DISCHARGE CONVEYOR LENGTHS



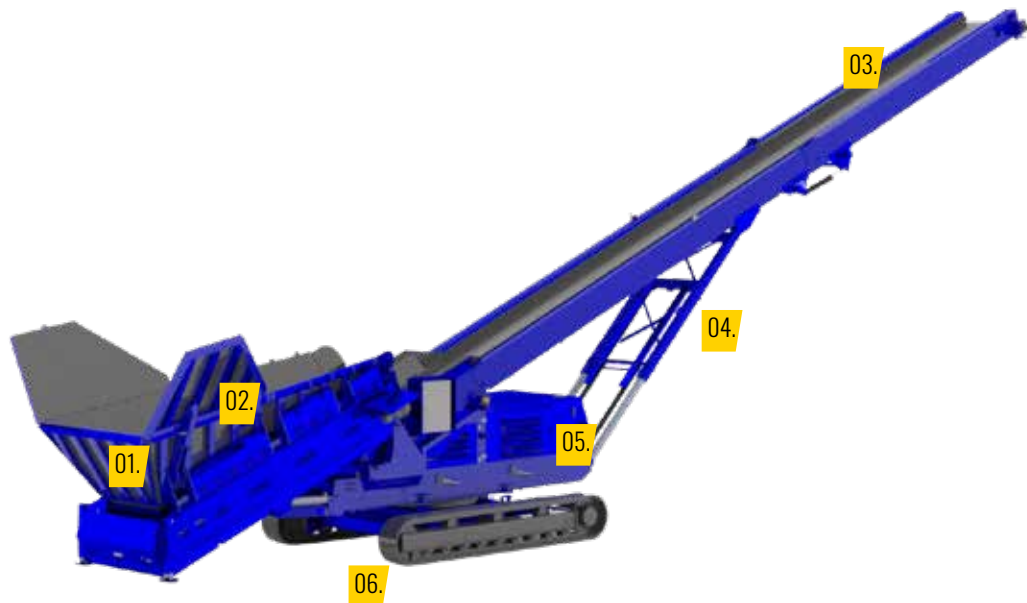
65-75ft

CHASSIS FORMAT



Tracked 360°

POWER SOURCES



01 Unique hopper design to enable low level feeding by any excavator, loader or grab crane

02 Hydraulic fold down hopper extensions enables loading from all three sides

03 1200mm (48") wide discharge conveyor with lengths ranging from 50ft to 75ft

04 Adjustable working angle provides a maximum discharge height of up to 9.2m (30'3")

05 Optional diesel, dual power or diesel genset power source options available

06 Available as a tracked mounted chassis or 360° track format.

KEY FACTS

WEIGHT (T)
20 - 30
(T)

STOCKPILE VOLUME
UP TO 1807 / 2161
(m³/yd³)

THROUGHPUT
UP TO 1000
(T/hr)



RTU 220

The EDGE RTU220 brings a new concept to the bulk materials handling sector. Unlike conventional truck unloaders, the EDGE Radial Truck Unloader is able to be set up in minutes and eliminates the need to double handle material. Designed to allow operators to load directly from tipping trucks, dumpers and wheel loaders; the 52' long discharge conveyor enables material to be loaded into train wagons, barges, ships and hoppers.

FEED METHOD



DIRECT

DISCHARGE CONVEYOR LENGTH



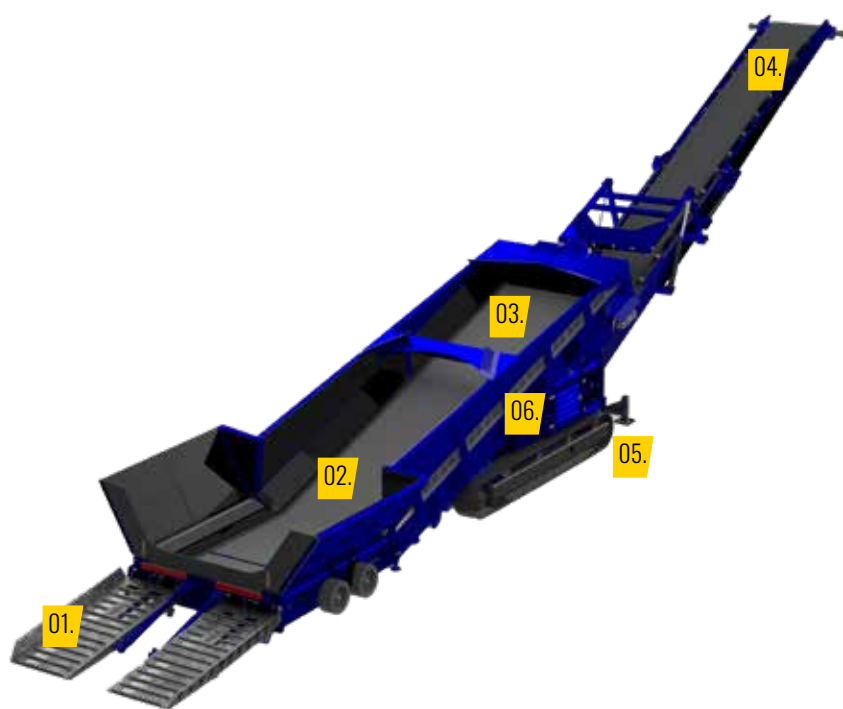
53ft

STOCKPILE MODE



Radial

POWER SOURCES



01 Unload directly from articulated road lorries and dump trucks

02 23m³ (30yd³) hopper capacity with a 2.2m (86") wide variable speed feed conveyor

03 Capacity to convey up to 750 tonnes per hour (826UST) - dependent on cycle times

04 140° Radial 52' long discharge conveyor enables material to be loaded into train wagons, barges and ships

05 Independent track mounted unit that provides flexibility and reliability

06 Panel Interface provides easy fine tuning for accurate application performance

KEY FACTS

WEIGHT
36
(T)

STOCKPILE VOLUME
UP TO 3680 / 4813
(m³/yd³)

THROUGHPUT
UP TO 750
(T/hr)

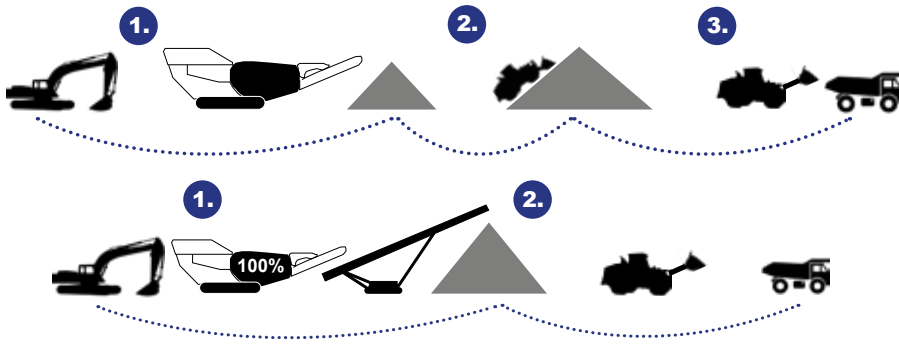


STACK MORE FOR LESS



STOCKPILER

OPERATIONAL BENEFITS



MATERIAL HANDLED
33% LESS

€ CAPITAL EXPENDITURE



STACKER COSTS
>50% LESS
TO PURCHASE

FUEL EXPENDITURE



25 Ltr/Hr

12 Ltr/Hr

OVER 50%
LESS IN FUEL COSTS

LABOUR



85% LESS
IN OPERATOR COSTS

MAINTENANCE



80% LESS
EXPENSIVE TO MAINTAIN
THAN WHEEL LOADERS

MATERIAL TRANSFER



500TPH MORE
MATERIAL STOCKPILED
WHEN UTILISING
STOCKPILERS

STOCKPILE HEIGHT



GREATER STORAGE CAPACITY



HEALTH & SAFETY

Increase site safety by reducing traffic levels and eliminating the use of loaders stockpiling material.



ENVIRONMENTAL

With a reduced dependency on wheel loaders and reduced number of moving vehicles on site, operators will benefit from reduced noise, dust and engine emissions.



PRODUCTION

Increase operational production rates. Excavators / wheel loaders are now free to concentrate solely on the continuous loading of material to crushers, screeners and delivery trucks.



MATERIAL QUALITY

Improved material quality by reduced compaction, degradation, segregation and contamination through compacting and crushing.

VERSATILE SHREDDING



SLOW SPEED WASTE SHREDDERS:

EDGE Innovate's range of slow speed, high torque waste shredders are probably the most flexible and functional slow speed shredder on the market today.

Designed with strength, durability and serviceability in mind, our shredders can handle almost any material in any application. With a huge range of both rapid volume reduction and intricate piece sizing solutions available, our shredders can be employed as either a primary or secondary shredder and can be seen working anywhere from waste management companies to biofuel producers.

With the recycling industry ever changing and adapting to new regulations and stringent requirements placed on MRFs, adaptability is key. Whether it is processing C&D waste, utility poles or domestic household waste, the range of shredders from EDGE can be customised to provide the right tonnage at the desired piece size.

WHY CHOOSE EDGE?



All of our shredders encompass a highly robust design, high durability and the ability to withstand difficult to shred materials.



Engineered to run at a lower rotor RPM but with high torque enables the EDGE shredders to process the most difficult of materials.



EDGE's Intelligent Self-Protecting control system with tramp metal cycles to prevents against asset damage and downtime.



Our twin shaft design provides exceptional intake behaviour, less wear, self cleaning and prevents material wrapping even in the harshest of applications.



With multiple chamber configurations and cutting tools, operators can customise their EDGE shredders to meet their exacting requirements.

SLAYER XL SERIES

The EDGE Slayer XL, twin shaft, slow speed shredder series offers the most flexible and functional waste shredders on the market today. Powered via a Caterpillar Tier 4 Final / STAGE V engine, the Slayer XL has superb fuel economy with an average fuel consumption of just 25-30ltr/hr (7-8 USG) and offers operators with the lowest running and maintenance shredder on the market.

Mobility



Power Source



Signature Features



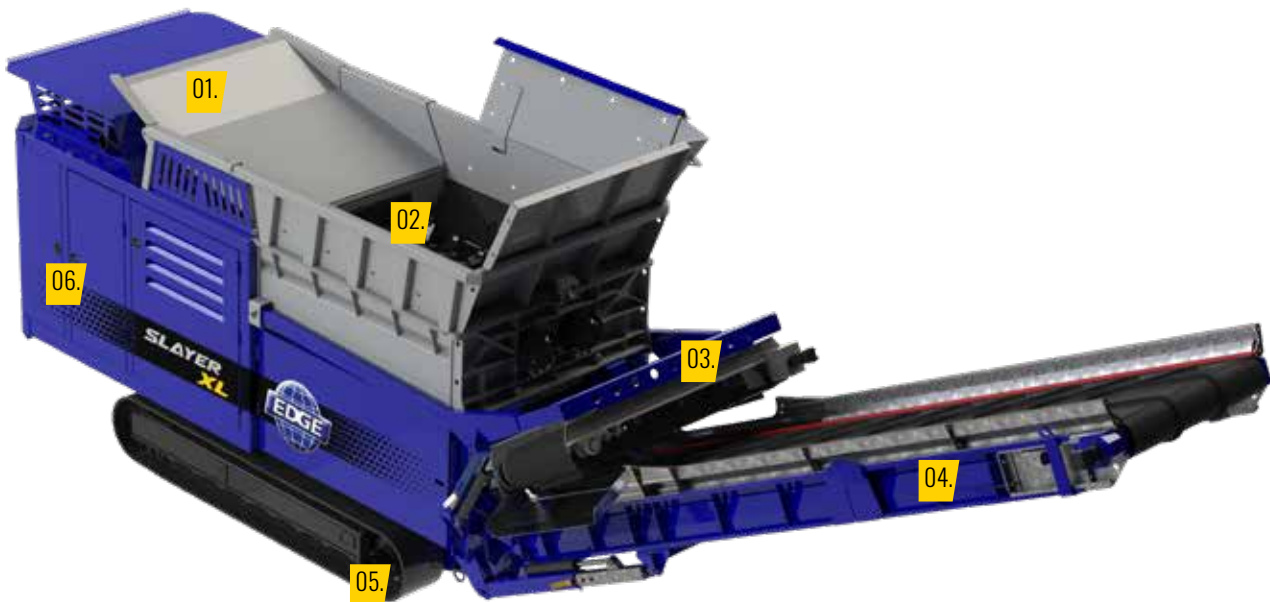
1.9m (16'5")



Eco Mode



Tramp Metal Detection



01 Heavy duty, hydraulic tipping hopper with remote functionality

02 Twin, synchronised shredder shafts incorporating EDGE's Intelligent Self-Protecting control system

03 Hydraulic height adjustable overband magnet

04 Height adjustable discharge conveyor provides a maximum discharge height of 4.3m (14'1")

05 Hydraulically driven, remote controlled tracks for easy on site mobility

06 User Friendly control interface provides easy fine tuning and programme selection

KEY FACTS

WEIGHT
22.4 - 26
(T)

POWER
310 / 420
(kW/HP)

THROUGHPUT
UP TO 50
(T/hr)



VS420 SERIES

The EDGE VS420 is a high capacity, high torque twin shaft shredder that is ideal for the processing of a large array of materials including: green waste, MSW, C&D waste, biomass and end of life tyres. EDGE's next generation shredder has been developed for ultimate versatility and high resistance to contaminants with a number of customisable shredding programmes and chamber configurations available. An intelligent operating system with tramp metal protection provides the ultimate protection from contaminants.

Mobility



Power Source



Signature Features



01 VS Status Link ensures the operator loads feedstock into the unit at the optimum rate

02 Twin, synchronised shredder shafts provides the highest torque levels of any shredder in this class

03 Efficient extraction of ferrous metal is ensure by EDGE's bipole, overband magnet

04 Height adjustable discharge conveyor with a stockpile height of up to 4.7m (15'6")

05 Two speed, hydraulically driven, remote controlled tracks provide easy on site mobility

06 User Friendly control interface provides easy fine tuning and programme selection

KEY FACTS

WEIGHT
29.2 - 31.5
(T)

POWER
310 / 420
(kW/HP)

THROUGHPUT
UP TO 80
(T/hr)



HS750 SERIES

The EDGE HS750 offers operators a high capacity, horizontal, slow speed shredder that combines impressive throughput and ability to withstand difficult to shred materials. EDGE Innovate have uniquely combined the benefits of a slow speed shredder with a horizontal positive feed delivery system to guaranteeing high throughput. An intelligent load management system regulates the delivery of material ensuring maximum productivity at any given time. Lengthy downtime and asset damage are avoided via EDGE's tramp metal protection system.

Mobility



Power Source



Signature Features



Intelligent Load Management



Tramp Metal Detection



Eco Mode



01 Intelligent Feeder Management System ensures maximum material throughput

02 Hydraulic driven, heavy duty solid steel downturn Rotor with tramp metal detection.

03 Top Feed Compression Roll aggressively feeds material to the shredder rotor

04 Powered by a CATERPILLAR C18 ACERT 560KW (750HP) Tier 4 Final / STAGE 5 engine.

05 Control panel features include: auto-automatic start-up, program selection and eco-power saving system

06 Two speed hydraulically driven, remote controlled excavator style tracks

KEY FACTS

WEIGHT
52.5
(T)

POWER
560 / 750
(kW/HP)

THROUGHPUT
UP TO 100
(T/hr)



SMART. EFFICIENT SCREENING



TROMMEL SCREENS:

With over 30 years experience in designing and manufacturing industrial leading equipment, EDGE Innovate's portable trommel screens have been proven worldwide. In fact; EDGE Innovate trommels can be seen working in over 25 different countries in the most extreme of climates.

EDGE Innovate's range of trommel screens combine high production rates with ease in a robust, portable and versatile screening plant that are ideal for processing a multitude of materials including top soil, household waste, composting as well as construction and demolition waste.

Our range of trommels offer a host of impressive design features as standard including, a 180° Radial fines discharge conveyor, a unique load sensing management system, eco-power saving functionality and a user friendly HMI control panel enabling easy adjustment to suit varying applications.

WHY CHOOSE EDGE?



With a wide selection of chassis types, drum types, screen media and power-source configurations; operators can customise our units to suit their exact applications.



EDGE's Intelligent operating system combined with superior access to service areas ensures both maximum up-time and high material throughput.



Experience enhanced screening results thanks to EDGE's innovative design features such as aggressive material throw and greater screening area.



By eliminating the double handling of material and fuel costs; EDGE Innovate's 180° radial conveyor, standard across our entire trommel range has been proven to minimize expenses and maximize uptime whilst maintaining production costs at the lowest possible cost per ton.

TR516 SERIES

The EDGE Innovate TR516 trommel range has been designed for mid to large scale operations that may be constrained for space. The EDGE TR516 trommel range has proven capabilities in the recycling, composting and construction & demolition industries. Thanks to a robust design with features such as the 16ft long barrel, variable speed control and a feed conveyor with intelligent load sensing controls; the EDGE TR516 trommel screen is able to produce top-quality fine materials such as compost, gravel, sand and topsoil with ease.

Mobility



Power Source



Signature Features



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

02 4.9m (16') long drum driven via a direct 4 wheel drive system with variable drum speed

03 Feed hopper houses a 900mm (36") wide feeder conveyor with load sensing functionality

04 The 180° radial fines conveyor allows for the creation of impressive stockpiles

05 Available with tracked, wheeled or static mounted chassis formats

06 Various Power source options available; diesel / hydraulic or direct electric

KEY FACTS

WEIGHT
19.7 - 26
(T)

POWER
86 / 115
(kW/HP)

DRUM SIZE
1.54X4.9 / 5'X16'
(m/ft)



TRT620R SERIES

The EDGE TRT620R tracked trommel has been designed for maximum productivity and superior screening efficiency. Thanks to 2m (6'9") X 5.5m (18') long drum and a screening area of 30m² (35.8yds²). The EDGE TRT620R has uniquely combined the ability to track and stack material simultaneously with an 180° Radial fines conveyor allowing for improved production and increased stockpile capacity. An innovative feeder design and drum swinging door allows the screening drum to be exchanged in the matter of minutes.

Mobility



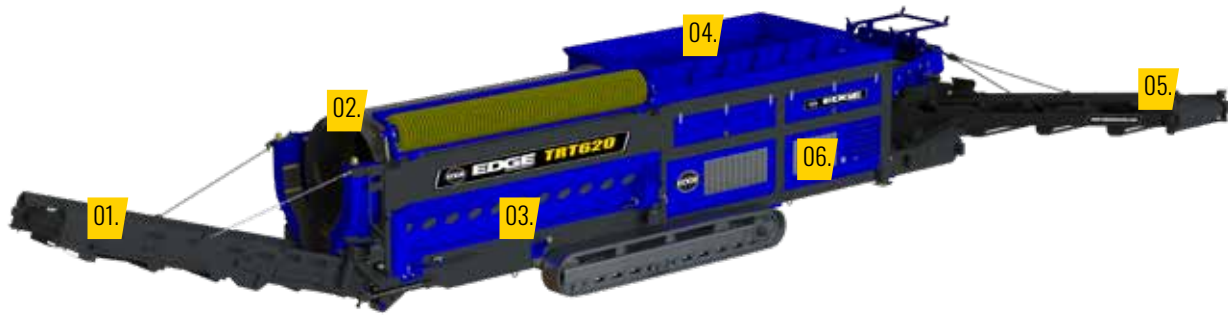
Power Source



Signature Features



Radial Conveyor Quick Drum Exchange Load Management



01 Height adjustable discharge conveyor with a stockpile height of up to 3.2m (10'6")

02 Easily replaceable 2m (6'9") x 5.5m (18') long punch plate drum

03 Two drum swinging doors allow for an easy access for drum exchange

04 Large hopper capacity coupled with a 1200mm (48") wide, variable speed feed conveyor

05 Remote operated, 180° Radial Fines conveyor provides a discharge height of up to 3.7m (12'2")

06 Various Power source options available; diesel / hydraulic or electric hybrid

KEY FACTS

WEIGHT
30
(T)

POWER
82 / 110
(kW/HP)

DRUM SIZE
2X5.5 / 6'9"X18'
(m/ft)



TR622 SERIES

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.

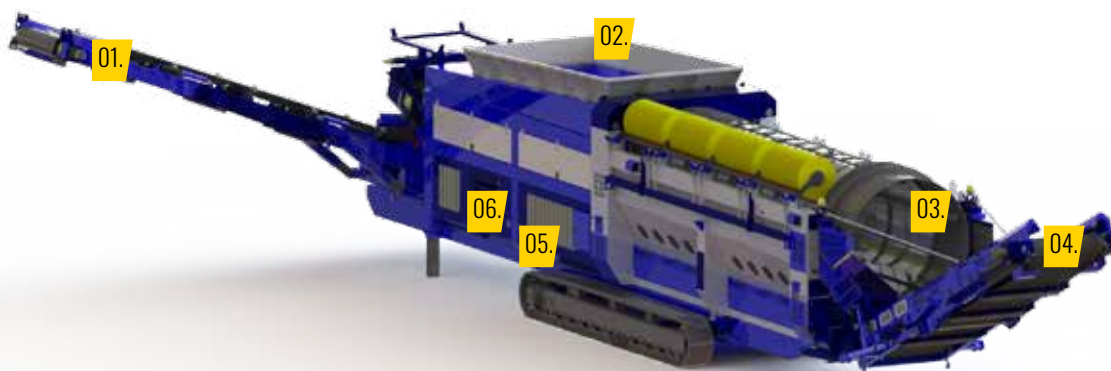
Mobility



Power Source



Signature Features



01 Remote 180° Radial Fines conveyor provides a discharge height of up to 5.9m (16'10")

02 Hopper houses a 1200mm (48") load sensing feed conveyor with forward / reverse functionality

03 2m (6'9") X 6.9m (22'6") long drum driven via a direct 4 wheel drive system

04 Telescopic, heavy duty 1050mm (42") wide Oversize conveyor

05 Control panel provides easy fine tuning for accurate application performance

06 Powered by a CAT C3.6 engine with a fuel consumption of 12-15 Ltr/hr (3-4USG)

KEY FACTS

WEIGHT
32-36.5
(T)

POWER
90 / 120
(kW/HP)

DRUM SIZE
2X6.9 / 6'9"X22'6"
(m/ft)



TRM831 SERIES

One of the largest mobile trommels on the market, 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.

Mobility



Power Source



Signature Features



Radial Conveyor



Load Management



Eco Mode



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

02 2.3m (8') X 9.3m (31') long drum driven via a hydrostatic direct 4 wheel drive system

03 1500mm (60") wide, variable speed Feeder conveyor with load sensing functionality

04 Remote 180° Radial Fines conveyor provides a discharge height of up to 6m (19'8")

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

06 Control panel provides easy fine tuning for accurate application performance.

KEY FACTS

WEIGHT
37
(T)

POWER
140 / 188
(kW/HP)

DRUM SIZE
2.3X9.3 / 8'X31'
(m/ft)



COLOR PRO

With unmatched production rates of 500 yards³/hr; the EDGE ColorPRO offers operators the highest return of any coloring system available on the market. A self-contained portable coloring system, the EDGE ColorPRO is ideal for those operators seeking a large capacity, coloring solution. Designed completely for the coloring of material, the ColorPRO dye trommel incorporates impressive design features such as a 2m X 6.9m (6' X 22') long spiral drum with built in material detection system to ensure against color wastage.

Mobility



Power Source



Signature Features



01 A large hopper capacity coupled with steep hopper sides reduces the risk of material bridging

02 A high speed, forward / reverse auger condition material and aids in the flow of material

03 2m (6'9") X 6.9m (22'6") long drum driven via a direct 4 wheel drive system

04 A 1050mm (42") wide discharge conveyor provides a discharge height of up to 4m (13'1")

05 All engine info & diagnostic faults can be accessed through the control panel

06 Powered by a CAT C4.4 engine with a fuel consumption of 12-15 Ltr/hr (3-4USG)

KEY FACTS

WEIGHT
27.2
(T)

POWER
110 / 148
(kW/HP)

DRUM SIZE
2X6.9 / 6'9"X22'6"
(m/ft)



VERSATILE SCREENING



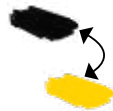
INCLINED SCREENS:

Offering smart, precise and efficient screening machinery; EDGE Innovate's product range, incorporates 3 way screeners and specialised flip flow screens for the screening of the most difficult of materials.

With the ability to process a wide range of applications, EDGE's ST and SM series of screens are ideal for a number of industries, whether it be aggregate production, skip waste management or those wishing to process industrial and demolition waste.

The specialised EDGE FreeFlow flip flow screen provides a three way split and is ideal for the processing of sticky, moist materials with a high percentage of fines. An efficient screening unit, the FreeFlow screen is designed to eliminate the blinding or blockage of screen media that often occurs with traditional screens when screening wet or sticky material.

WHY CHOOSE EDGE?



Choose the right screen for every application. EDGE's ST and SM186 screen series incorporate interchangeable screens allowing you to tackle screening applications that other conventional screens cannot.



Selecting the optimum screen media ensures superior screen results and maximum uptime. EDGE Innovate's intelligent media design, allows operators to fix different media types side by side.



Select the power source that suits your requirements best. EDGE's ST and SM186 series are available with up to three different power source platforms; Diesel/Hydraulic, Diesel Genset and for ultimate running efficiency - Direct Electric.

SM186 SERIES

The EDGE SM186 wheeled mounted screener is a highly efficient screening solution designed for the most difficult and demanding of applications including recycling, soils, aggregates, compost and demolition waste. With increased throughput, high efficiency and quality end products; the EDGE SM186 mobile screen incorporates a robust 18'X6' (5.4X1.75m) two deck screen with interchangeable flip flow and conventional scalper bottom decks.

Mobility



Power Source



Optional Screens



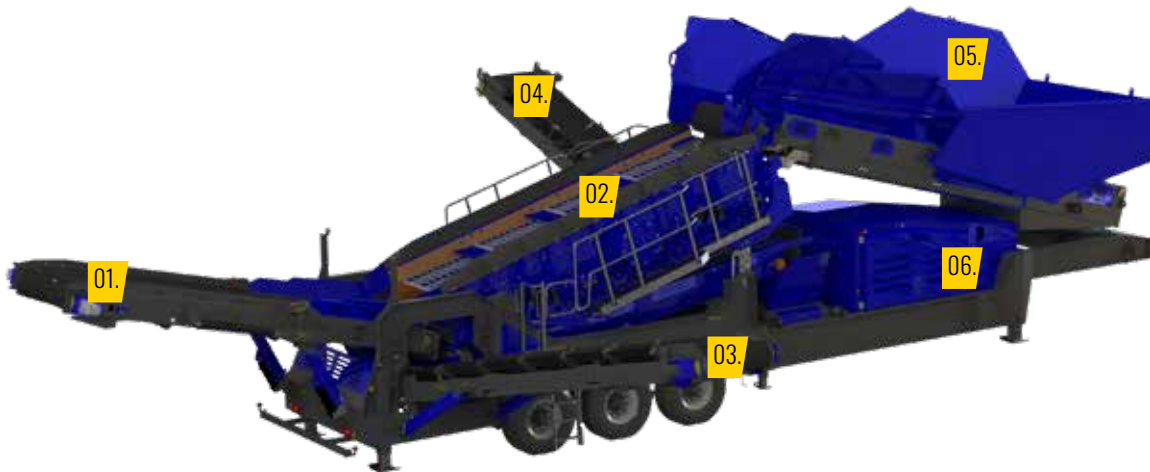
FreeFlow



Scalping Screen



Rinsing Screen



01 1600mm (62") wide, variable speed Oversize conveyor with hydraulic angle adjustment

02 5.4X1.75m (18'X6) Two Deck Screenbox. **Choose between 3 different screen box types**

03 900mm (36") Mid-Size conveyor provide a maximum discharge height of up to 4.3m (14' 2")

04 900mm (36") wide Fines conveyor provides a discharge of up to 4.7m(15'6")

05 Hopper extensions provide a large hopper capacity and ability to be loaded from all three sides

06 Various Power source options: diesel / hydraulic, direct electric or diesel genset

KEY FACTS

WEIGHT
38
(T)

POWER
98 / 132
(kW/HP)

SCREEN SIZE
5.4X1.75 / 18'X6'
(m/ft)



SAFE, SECURE SEPARATION



tion at Work



SEPARATION SOLUTIONS:

EDGE Innovate's Recycling Range utilizes both mechanical separation in the form of the latest advancement in light V heavy material classification technology and manual picking via our innovative mobile modular picking station. The separation techniques utilized by EDGE Innovate's Recycling Range allow for the easy identification and cost efficient separation of valuable commodities from the waste stream.

EDGE Innovate's range of material classifiers (windshifters) allow for the extraction of up to four different products using controlled air as a separation medium and incorporates easily adjustable components such as air flow rate, feed conveyor belt speed and drum positioning. The EDGE MPS48 mobile modular picking station is uniquely designed so that picking bays can easily be added or removed in line with changing customer requirements.

Reduce the volume of waste being sent to landfill and extract the maximum value from your waste stream with the help of the EDGE Innovate Recycling Range.

WHY CHOOSE EDGE?



Select from mechanical separation (Air Separation) and manual separation (Sorting Station) for the extraction of commodities.



Robust designs combined with tried and tested components that have been proven to provide optimal performance results in reduced maintenance costs and maximum uptime.



Across our entire product offering, we offer our customers unparalleled choice and flexibility so that our units match your exact requirements.

MPS48 SERIES

Protecting workers is an essential part of the waste management industry with mobile picking stations being a vital component to ensuring best safety practice is followed at any site. The EDGE MPS48 modular mobile picking station brings safety, mobility and efficient separation of commodities in a robust, durable, long lasting and user-friendly mobile picking station. Boasting a number of design features such as a 1200mm (48") wide conveyor and variable belt speed, the EDGE MPS48 has proven to be a popular choice.

Available Options

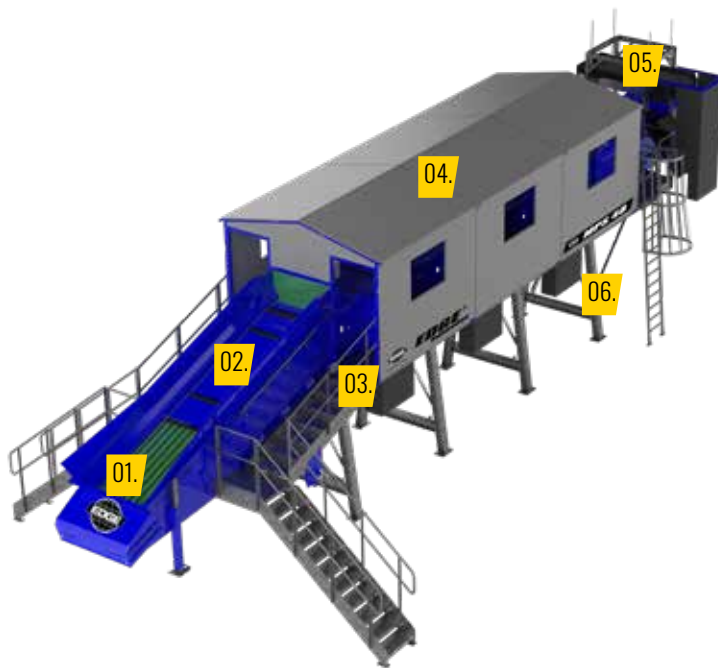
-  Air Conditioning
-  Ferrous Magnet
-  Air Knife

Power Source

- 
- 
-  ELECTRIC

Signature Features

-  Modular Design
-  Easy Install
-  Superior Extraction



01 Heavy duty input section with impact bars as standard

02 A 1200mm (48") wide, variable speed conveyor allows for a better presentation of commodities

03 Walkways are design to meet all safety legislation. Various options and configurations are available

04 Weatherproof cabin complete with lighting, air conditioning, heating and electrical outlets.

05 Height adjustable overband magnet aids in the recovery of ferrous metals

06 Remove or add picking bays to match current production demands

KEY FACTS

WEIGHT
15-17
(T)

PICKING BAYS
1-6

BAY WIDTH
4 / 13'1"
(m/ft)



MC1400 SERIES

The EDGE MC1400 material classifier provides operators with the ability to extract impurities from highly contaminated material in just one pass. Utilising controlled air flow as a separation medium, the MC1400 is the ideal solution for the cleaning of compost and C&D waste fractions with its ability to separate heavy fractions from lights. With easily adjustable components such as fan speed, fan position, feed conveyor belt speed and drum spilter; the EDGE MC1400 material classifier has the capacity to handle a wide range of applications.

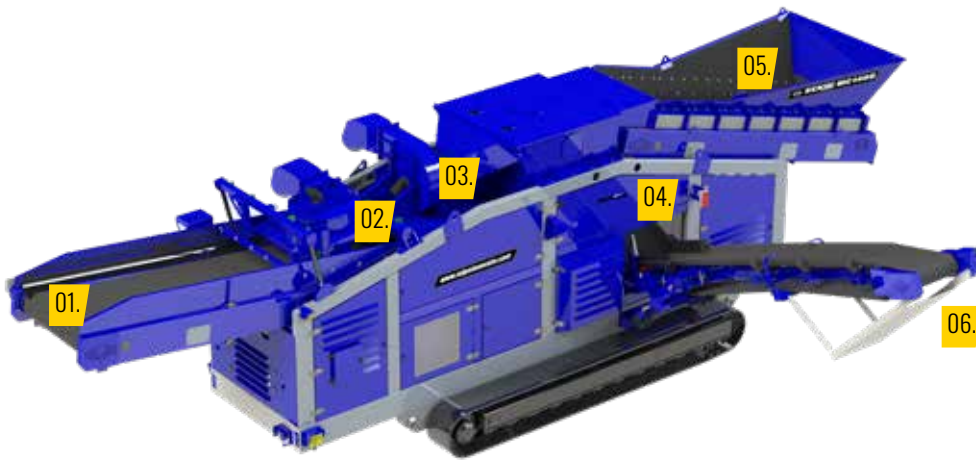
Mobility



Power Source



Signature Features



01 Mid-weight discharge conveyor provides a discharge height of 2.6m (8'6")

02 *18.5Kw Secondary Vacuum with variable speed and position captures additional lights material

03 18.5Kw variable speed Primary Vacuum extracts light plastic and films from the feed material

04 Variable speed Primary Air Knife allows for fine adjustment dependent of feed material

05 Variable speed, 1200mm (48") wide feed conveyor ensures a even spread of material

06 Hydraulic folding, heavies discharge conveyor with optional magnetic head drum

KEY FACTS

WEIGHT
16.2
(T)

POWER
129 / 178
(kW/HP)

PRODUCTS
4



FINES FREE MINERAL SIZING



SIZING SOLUTIONS:

Innovatively designed, EDGE Innovate's sizing solutions have the ability to process a wide range of materials including coal, lignite, bituminous, sub-bituminous hard to handle materials such as graphite electrodes to sticky materials, friable materials, soft ores, limestone and limes, salts, glass, fertilizer, recycled concrete and tarmac.

Combining a robust design with high manoeuvrability and small footprint, ensures EDGE's range of roll sizers are a formidable option for the resizing of various materials in the harshest of environments.

WHY CHOOSE EDGE?



EDGE's sizing solutions produce less fines than any other similar product on the market such as an impactor or jaw crusher.



Application versatility is provided via component adjustments such a roll speed, gap settings, programme settings, screen media and belt speeds.



Reduce unnecessary wear and increase processing efficiency thanks to our single deck, two bearing pre-screen fitted to all EDGE Innovate's sizing solutions as standard.



Our sizing solutions incorporate Intelligent overload and asset protection systems to ensure high throughput and minimum downtime.

RS1500 SERIES

The EDGE RS1500 roll sizer has been designed for the secondary and tertiary crushing of medium-hard, sticky and soft materials such as coal, lignite, clay, limestone and other bituminous and sub-bituminous materials. Boasting an impressive list of design features that includes a highly efficient hydraulic drive system, easy selective piece sizing controls, intelligent load sensing system and a five function remote control; the RS1500 is packed with the most up to date technology and components.

Mobility



Power Source



ELECTRIC
HYBRID

ELECTRIC

Signature Features



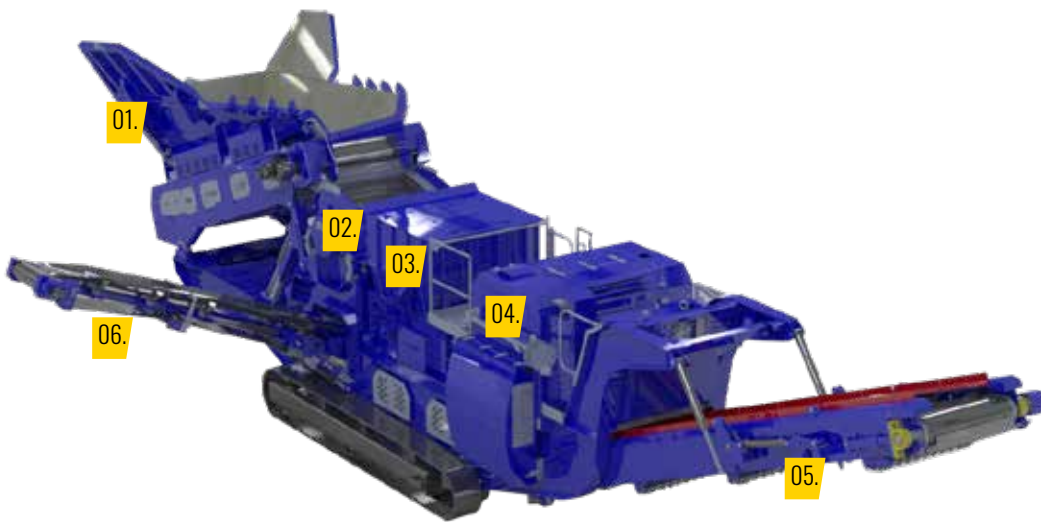
1.66m (5'5")



Intelligent Load Management



Eco Mode



01 1400mm (55") wide heavy duty feeder belt with intelligent load management

02 Single deck, two bearing pre-screen allows fines to by-pass the chamber

03 Sizing Chamber houses two independent variable speed, roller shafts for accurate piece sizing

04 Powered by a CAT C9 power unit with a fuel consumption of 25-30 Ltr/hr (6-8USG)

05 1150mm (46") wide product conveyor provides a discharge height of up to 3.5m (11'8")

06 650mm (26") wide, fines conveyor provides a discharge height of up to 3m (10'1")

KEY FACTS

WEIGHT
36
(T)

POWER
260 / 350
(kW/HP)

PRODUCTS
2





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
TODAY.**

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

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



Gold
Standard

