



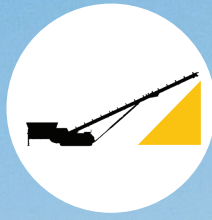
ORGANIC RECYCLING **SOLUTIONS**

EFFICIENT & RELIABLE ***PROCESSING SOLUTIONS***

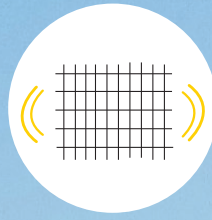




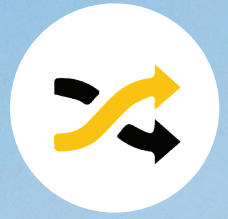
**HIGHLY ROBUST
SHREDDING SOLUTIONS**



**DEEP STACKING
SOLUTIONS**



**INTELLIGENT
SCREENING**



**EFFICIENT
DECONTAMINATION**



ORGANIC RECYCLING SOLUTIONS



EDGE Innovate understands that product quality is the single most important contributor to an organic waste recycling facility's success and ultimately their market share. EDGE Innovate's Recycling Range houses a number of products to help with the resizing, screening, separation and stacking of materials in the most efficient and cost effective manner possible.

When it comes to processing organic waste, EDGE Innovate offers a full range of slow speed shredders, trommel screens, material classifiers, picking stations and stacking conveyors. Our entire Recycling Range of equipment has two design principals at their core; to ensure maximum uptime and to minimise operating costs.

Whether operators are converting organic waste to compost, mulch, potting soils or biomass; our technology ensures that operators recover the maximum volume of material; free from foreign objects such as plastic, paper, aggregate and ferrous metal.





KEY HIGHLIGHTS

- Choose from a vast range of slow speed shredders, trommel screens, material classifiers, picking stations and stacking conveyors.
- A complete mobile set up gives supreme flexibility and enables operators to scale or adjust the plant to meet their changing requirements.
- Fully adjustable components such as cutting tools, rotor styles, screening angle and screen media etc. allows operators to react to differing feed material characteristics.

EXTRACTING MAXIMUM VALUE FROM WASTE

1. SCREENING & SEPARATION

Even with segregated waste bins, items of waste such as metal, stones, plastic or glass can still end up in the wrong bin. EDGE's semi-mobile picking station facilitates the safe and efficient removal of these contaminants before the shredding process. This results in a greater quality compost product.

2. SHREDDING

EDGE's range of slow speed shredders can be adjusted to allow operators to create their desired particle size by customising the shredder tools, basket screen or rotor type.

3. "DEEP STACK" WINDROWS

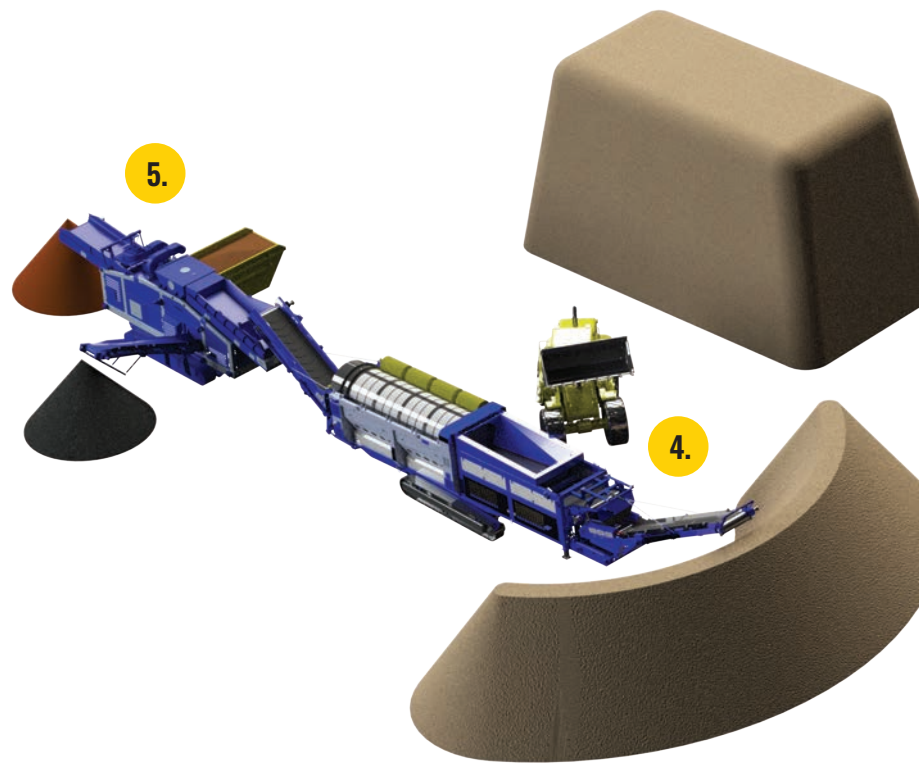
Cut down turning frequency, improve moisture retention and increase on-site stockpile capacity with EDGE's FTS Mulch Master Range.

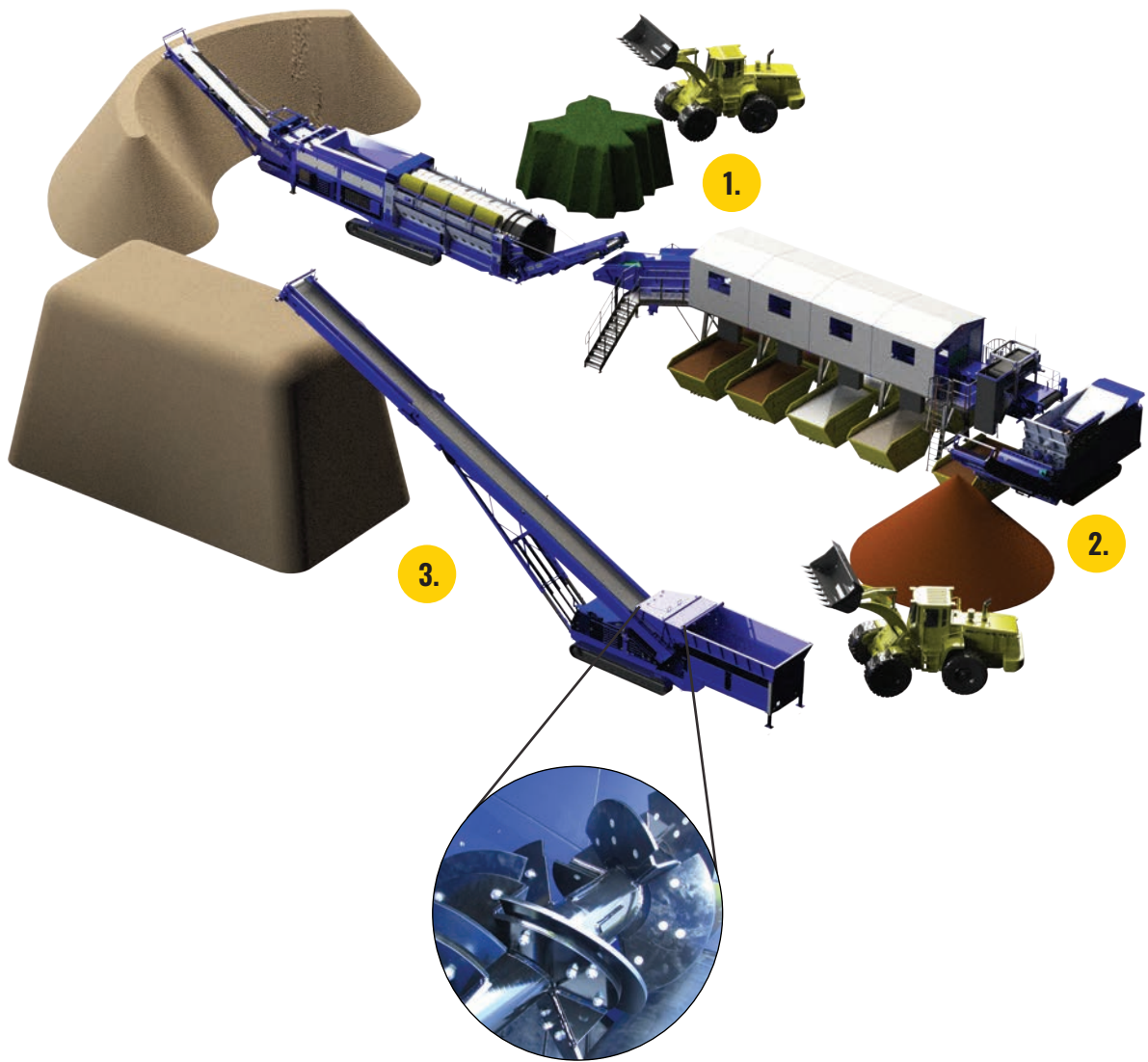
4. SCREENING

Utilising EDGE portable trommel screens, operators can create a homogeneous particle size free from contaminants which can be used for a number of different applications such as garden compost or blending into potting soils.

5. CONTAMINATION REMOVAL

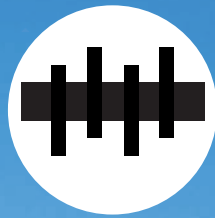
Directing oversize material to an EDGE MC1400 enables operators to remove contaminants such as paper, plastic, films and stone from the feed stock which can either be returned to the windrow, re-shredded, used as structure fill or as a biomass fuel. This particular process is commonly utilized for legacy materials.





DEEP STACKING SOLUTIONS





REDUCE TURNING
FREQUENCY BY UP TO 50%

IMPROVED MOISTURE
RETENTION

INCREASE STORAGE
CAPACITY



INNOVATIVE PROCESSING SOLUTIONS

VERTICAL SLOW SPEED TWIN SHAFT 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. Our twin shaft design coupled with fuel efficiency and intelligent tramp metal cycle ensures that the EDGE shredder range is easy to maintain, provides maximum uptime and provides a quick return on investment.



SLAYER X / XL
VS420

HORIZONTAL SLOW SPEED SHREDDERS

The EDGE HS750 slow speed shredder offers operators a high capacity, horizontal slow speed shredder that combines impressive throughput, the ability to withstand difficult to shred materials and superior resistance to non-shreddables. The HS750 combines the benefits of a high torque, slow speed shredder with a horizontal positive feed delivery system.



HS750

MOBILE TROMMEL SCREENS

Our class leading trommels are designed for maximum productivity and superior screening efficiency. Our range of fuel efficient trommels offer customers a heavy duty construction design combined with high manoeuvrability. Impressive design features such as the 180° Radial Fines conveyor and intelligent hydraulic load sensing system are standard features across our entire range.



TRM516 / TRT516
TRM622 / TRT622

TRACK MOUNTED MATERIAL CLASSIFIERS

The new EDGE MC1400 provides operators the ability to extract impurities from highly contaminated material in just one pass. Utilizing controlled air as a separation medium, the MC1400 is the ideal solution for the cleaning of compost and biomass fractions with its ability to separate heavy fractions from lights.



MC1400

MODEL SERIES

Minimum Feed Height:
Shredder Type:
Shaft Length:
Torque / shaft:
Engine Type:
Fuel Tank Capacity

SLAYER X (T)

3022mm (9'10")
Vertical Slow Speed
1500mm (4'11")
80,000Nm (59,000lbs/ft)
CAT C9 261Kw (350HP)
600 Litres (159USG)

TRANSPORT

L / W / H:
Weight:

10.1m X 2.5m X 3.1m (33'1" X 8'2" X 10'4")
20,000kg (22UST)

SLAYER XL (T)

3022mm (9'10")
Vertical Slow Speed
1900mm (6'5")
80,000Nm (59,000lbs/ft)
CAT C9 261Kw (350HP)
670 Litres (177USG)

9.1m X 2.5m X 3.1m (30'7" X 8'2" X 10'4")
23,750KG (26.1UST)

VS420 (T)

3145mm (10'4")
Vertical Slow Speed
2m (6'7")
120,000Nm (88,507lbs/ft)
CAT C9.3B 310Kw (420HP)
630 Litres (166USG)

9.7m X 2.55m X 3.1m (31'10" X 8'2" X 10'4")
29,200KG (32.1UST)

MODEL SERIES

Minimum Feed Height:
Shredder Type:
Shaft Length:
Torque / shaft:
Engine Type:
Fuel Tank Capacity

HS750 (T)

2560mm (8'4")
Horizontal Slow Speed
1600mm (5'2")
184,000Nm (13,571 lbs/ft)
CAT C18 Acert 560Kw (750HP)
1500 Litres (396USG)

TRANSPORT

L / W / H:
Weight:

15.9m X 3.1m X 3.5m (52'1" X 8'2" X 11'5")
52,500kg (57.8UST)

MODEL SERIES

Minimum Feed Height:
Drum Dimensions:
Drive System:
Screening Angle:
Engine Type:
Fuel Tank Capacity

TRM622

3200m (10'6")
2000mm X 6900mm (6'9" X 22'6")
Friction Four Wheel Drive
3-7°
CAT4.4 96Kw (127HP)
650 Litres (170USG)

TRANSPORT

L / W / H:
Weight:

18.4m X 2.8m X 4.1m (60'5" X 9'3" X 13'6")
32,000kg (35.2UST)

TRT622

3700m (12'4")
2000mm X 6900mm (6'9" X 22'6")
Friction Four Wheel Drive
0-5°
CAT4.4 96Kw (127HP)
350 Litres(92USG)

15.9m X 2.9m X 3.4m (33'10" X 9'5" X 11'3")
36,500kg (40.2UST)

TRM516

3670mm (12')
1540mm X 4900mm (5' X 16')
Friction Four Wheel Drive
3-7°
CAT4.4 74Kw (90Hp)
450 Litres (118USG)

15.5m X 2.3m X 4m (51' X 7'7" X 13'1")
18,500kg (20.3UST)

TRT516

3200mm (10'9")
1540mm X 4900mm (5' X 16')
Friction Four Wheel Drive
3-5°
CAT4.4 74Kw (90Hp)
350 Litres (92USG)

15.5m X 2.6m X 3.4m (51' X 8'7" X 11'5")
26,000kg (28.6UST)

MODEL SERIES

Minimum Feed Height:
Primary Air Knife:
Primary Vacuum Fan:
Secondary Vacuum Fan:
Engine Type:
Fuel Tank Capacity

MC1400

3000mm (9'9")
7.5Kw
18.5Kw
15Kw
87.5kva Diesel Genset
390 Litres (103USG)

TRANSPORT

L / W / H:
Weight:

11.8m X 2.7m X 3.3m (39' X 8'9" X 11'1")
16200kg (17.8UST)

INNOVATIVE PROCESSING SOLUTIONS

TRACKED FEEDER STACKERS

The FTS Mulch Master is designed specifically for the stockpiling and turning of lower density, bulky materials such as mulch, compost and soils. A bespoke hopper design is combined with a variable high speed feed conveyor and double screwed forward/reverse auger. This allows feed material to separate, aerate and untangle whilst preventing material bridging.



FTS65 / 75

MOBILE COLOUR TROMMEL

The EDGE TRC622 is a highly efficient, self-contained portable dye trommel that is ideal for those operators seeking a large capacity, colouring solution within the organic industry. With a throughput capacity of up to 500 yards³ per hour; the TRC622 is the ideal solution for satisfying the production demands of the largest mulch producer.



TRC622

SEMI-MOBILE SORTING STATIONS

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.



MPS48
2-8 BAYS

| MODEL SERIES | FTS65 MULCH MASTER | FTS75 MULCH MASTER |
|-------------------------|---------------------------------------------|-------------------------------------------|
| Minimum Feed Height: | 3122mm (10'3") | 3122mm (10'3") |
| Hopper Capacity: | 12.7m ³ (16.9yd ³) | 12.7m ³ (16.9yd ³) |
| Discharge Conv. Length: | 20m (65') | 23m (75') |
| Discharge Height: | 8905mm (29'3") | 9374mm (30'9") |
| Engine Type: | CAT4.4 74.5Kw (100Hp) | CAT4.4 74.5Kw (100Hp) |
| Fuel Tank Capacity | 470L (124USG) | 470L (124USG) |
| TRANSPORT | | |
| L / W / H: | 16.8m X 2.5m X 3.3m (55'1" X 8'7" X 10'10") | 17m X 2.5m X 3.3m (56'2" X 8'7" X 10'10") |
| Weight: | 22400KG (24.4UST) | 24400KG (26.9UST) |

| MODEL SERIES | TRC622 |
|----------------------|--------------------------------------------|
| Minimum Feed Height: | 3296mm (10'10") |
| Drum Dimensions: | 2000mm X 6900mm (6'9" X 22'6") |
| Drive System: | Friction Four Wheel Drive |
| Screening Angle: | 3-7° |
| Engine Type: | CAT4.4 96Kw (127HP) |
| Fuel Tank Capacity | 650 Litres (170USG) |
| TRANSPORT | |
| L / W / H: | 17.1m X 2.8m X 4.1m (56'2" X 9'5" X 13'6") |
| Weight: | 27200kg (30UST) |

| MODEL SERIES | MPS48 (2 BAY) | MPS48 (3 BAY) | MPS48 (4 BAY) |
|----------------------|-------------------------------------------|---------------------------------------------|---------------------------------------------|
| Minimum Feed Height: | 2345mm (7'8") | 2345mm (7'8") | 2345mm (7'8") |
| Hopper Capacity: | 0.9m ³ (1.1yd ³) | 0.9m ³ (1.1yd ³) | 0.9m ³ (1.1yd ³) |
| Conveyor Length: | 14450mm (47'5") | 19100mm (62'7") | 22100mm (72'7") |
| Belt Width: | 1200mm (48") | 1200mm (48") | 1200mm (48") |
| Belt Speed: | 0.3m -1m/sec | 0.3m -1m/sec | 0.3m -1m/sec |
| No. of Bays: | 4 | 6 | 8 |
| OPERATIONAL | | | |
| L / W / H: | 14.4m X 8.2m X 5.6m (39' X 27'1" X 18'6") | 19.1m X 8.2m X 5.6m (62'9" X 27'1" X 18'6") | 22.1m X 8.2m X 5.6m (72'7" X 27'1" X 18'6") |
| Weight: | 16200kg (17.8UST) | 15000KG (16.5UST) | 17000kg (18.7UST) |



Biomix has seen a significant reduction in water loss in windrows by using an EDGE FTS Mulch Master. “Every time you turn a windrow, you lose at least 20% moisture. The Mulch Master allows us to halve the number of turns during that process”.

Vanessa Lenihan, Biomix CEO

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.**