



KOMPTECH
AMERICAS

PRODUCT OVERVIEW

SHREDDING | TURNING | SCREENING | SEPARATING





SHREDDING

LOW-SPEED, HIGH-TORQUE WASTE SHREDDERS

Waste processors and recycling facilities today demand shredding equipment that will handle just about any material. Komptech industrial shredders are built with aggressive feed capabilities and heavy duty reversing shafts to efficiently shred the toughest materials and deliver product at the right size.



Scan this code
to watch our
shredders in action!



TERMINATOR

LOW-SPEED SINGLE-SHAFT SHREDDER

The Terminator is a low-speed, high-torque, single-shaft shredder designed to process nearly all types of difficult waste, including heavy contaminated C&D debris, bulky waste, white goods, mattresses, tires and municipal solid waste (MSW).

- » Remote-controlled hopper with 11-foot feed opening.
- » The hydraulic drum drive can reverse at any time for self-cleaning.



Continuous cutting gap adjustment enables various output particle sizes.



Full access to all maintenance points and shredding chamber.

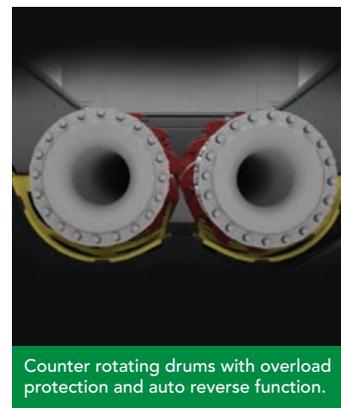
	3400 S	6000 S
Power		
Diesel Engine / Horsepower:	CAT® C9 Tier 4F / 330 HP	CAT® C18 Tier 4F / 600 HP
Proportion (dependent on equipment)		
Transport Dimensions (LxWxH):	25'8" x 9'4" x 11'10" (7.8 x 2.9 x 3.6 m)	
Maximum Weight:	57,000 lbs	60,000 lbs
Performance (dependent on material)		
Maximum Throughput:	up to 55 tons/hr	up to 110 tons/hr

CRAMBO

LOW-SPEED DUAL-SHAFT SHREDDER

The Crambo is a dual-shaft shredder engineered to deliver high-throughput shredding of the toughest wood and organic waste materials while mixing and blending to provide a homogeneous output.

- » Designed to withstand heavy contamination.
- » Low maintenance, fuel consumption and operating costs.



Counter rotating drums with overload protection and auto reverse function.



Easy sizing with quick screen basket changes. Output sizes from 2" to 24" .

	3400	6000
Power		
Diesel Engine / Horsepower:	CAT® C9 Tier 4F / 330 HP	CAT® C18 Tier 4F / 600 HP
Proportion (dependent on equipment)		
Transport Dimensions (LxWxH):	25' x 9'4" x 11'2" (7.5 x 2.9 x 3.4 m)	
Maximum Weight:	54,000 lbs	58,000 lbs
Performance (dependent on material)		
Maximum Throughput:	up to 50 tons/hr	up to 110 tons/hr



Infuse water into the center of the windrow while turning.



The hydraulically extendable maintenance platforms make for fast and easy maintenance.



Large diameter turning drum engineered specifically to create the perfect windrow shape.

TURNING

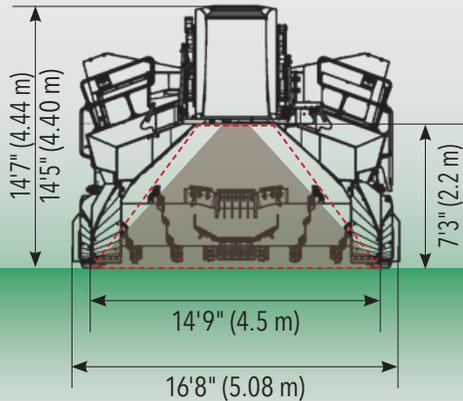
COMPOST WINDROW TURNERS

The Topturn X Series windrow turners can efficiently create the optimum windrow shape to allow for the best porosity, reducing odors and composting times. Maximize the amount of material that can be composted in a minimum amount of space by overlapping the windrows.



Scan this code to watch our turners in action!

TOPTURN X4500



TOPTURN X4500

The Topturn X4500 is a robust windrow turner perfect for small and medium-sized composting operations.

Power

Diesel Engine / Horsepower: CAT® C7.1 Tier 4 Final / 275 HP

Proportion (dependent on equipment)

Transport Dimensions: Wheel - 16'2" x 9'10" x 10'11" (4.9 x 2.9 x 3.3 m)
Track - 16'2" x 8'4" x 10'10" (4.9 x 2.5 x 3.2 m)

Weight: ~ 32,000 lbs (Wheel) / ~ 33,000 lbs (Track)

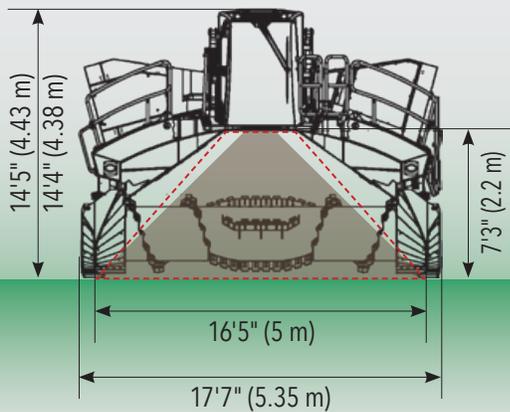
Performance (dependent on material)

Maximum Windrow Width: 14'9" (4.5 m)

Maximum Windrow Height: 7'3" (2.2 m)

Maximum Throughput: up to 3,900 yd³/hr (3,000 m³/hr)

TOPTURN X5000



TOPTURN X5000

The Topturn X5000 delivers consistent performance and optimal windrow pile sizing for any composting operation.

Power

Diesel Engine / Horsepower: CAT® C9 Tier 4 Final / 330 HP

Proportion (dependent on equipment)

Transport Dimensions: Wheel - 17'1" x 9'10" x 10'9" (5.4 x 2.9 x 3.2 m)
Track - 17'11" x 8'4" x 10'8" (5.4 x 2.5 x 3.2 m)

Weight: ~ 35,000 lbs (Wheel) / ~ 36,000 lbs (Track)

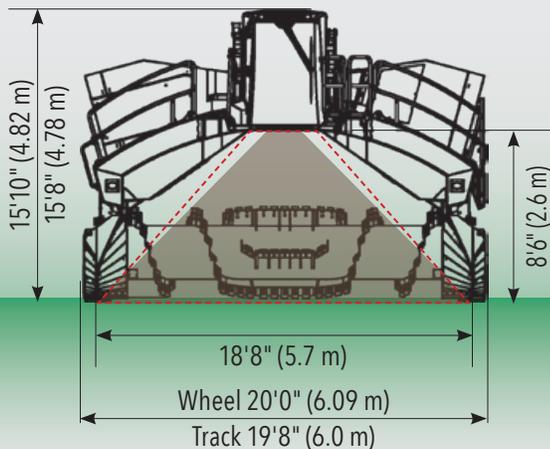
Performance (dependent on material)

Maximum Windrow Width: 16'5" (5 m)

Maximum Windrow Height: 7'3" (2.2 m)

Maximum Throughput: up to 5,200 yd³/hr (4,000 m³/hr)

TOPTURN X63



TOPTURN X63

The Topturn X63 is a windrow turner designed to handle sites with higher throughput demands.

Power

Diesel Engine / Horsepower: CAT® C13 Tier 4 Final/ 390 HP

Proportion (dependent on equipment)

Transport Dimensions: Wheel - 20'2" x 9'10" x 11'11" (6.1 x 2.9 x 3.6 m)
20'2" x 8'4" x 11'10" (6.1 x 2.5 x 3.6 m)

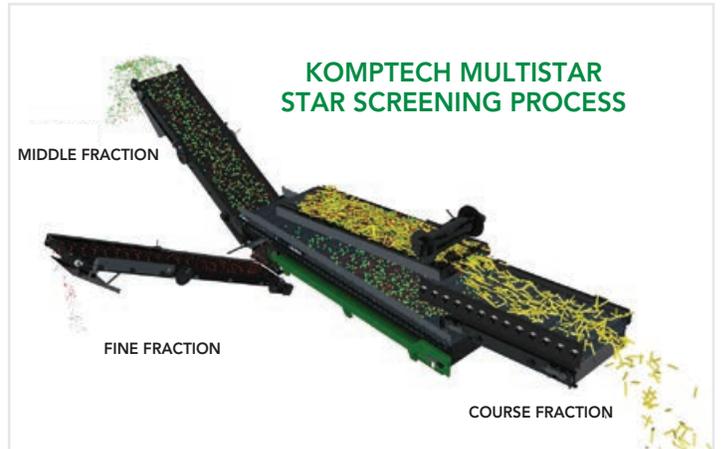
Weight: ~ 40,000 lbs (Wheel) / ~ 41,000 lbs (Track)

Performance (dependent on material)

Maximum Windrow Width: 18'8" (5.7 m)

Maximum Windrow Height: 8'6" (2.6 m)

Maximum Throughput: up to 5,800 yd³/hr (4,500 m³/hr)



SCREENING

STAR SCREENS

Whether processing mulch, compost, wood waste or biomass, our line of Multistar star screens are engineered to efficiently separate material into 2 or 3 fractions. The patented Cleanstar technology prevents wrapping while enabling high throughput of wet material with infinite adjustability.



Scan this code to watch our star screens in action!



MULTISTAR S3

The Multistar S3 is the entry-level member of Komptech's mobile star screen line.

Power

Diesel Generator / Horsepower: Perkins Gen Set Tier 4 Final / 64 HP

Proportion

Transport Dimensions / Weight: 26'11" x 8'1" x 8'5" (8.2 x 2.4 x 2.5 m) / ~20,000 lbs

Performance *(dependent on material)*

Maximum Throughput: ~130 yd³/hr (~100 m³/hr)



MULTISTAR L3

The Multistar L3 delivers high throughput across a wide range of applications.

Power

Diesel Generator / Horsepower: Perkins Gen Set Tier 4 Final / 85 HP

Proportion

Transport Dimensions / Weight: 37'9" x 8'5" x 13'1" (11.5 x 2.5 x 4 m) / ~42,000 lbs

Performance *(dependent on material)*

Maximum Throughput: ~330 yd³/hr (~250 m³/hr)



MULTISTAR XL3

The Multistar XL3 is a high-throughput 3- or 2-fraction star screen for medium and large volume producers of mulch, soil and compost.

Power

Diesel Generator: Perkins Gen Set Tier 4 Final / 85 HP

Proportion

Transport Dimensions / Weight: 39'1" x 8'2" x 13'1" (11.9 x 2.5 x 4 m) / ~44,000 lbs

Performance *(dependent on material)*

Maximum Throughput: ~400 yd³/hr (~300 m³/hr)



MULTISTAR XXL-2

The Multistar XXL-2 is a pure 2-fraction star screen built for high-volume mulch producers.

Power

Diesel Generator / Horsepower: Perkins Gen Set Tier 4 Final / 64 HP

Proportion

Transport Dimensions / Weight: 44'11" x 8'5" x 12'10" (13.7 x 2.5 x 3.9 m) / ~44,000 lbs

Performance *(dependent on material)*

Maximum Throughput: ~650 yd³/hr (~500 m³/hr)



SCREENING

HYDRAULIC TROMMEL SCREENS

Our line of heavy duty trommel screens are efficient screening solutions engineered for soil, aggregate, mulch, waste and compost processing. The solid punch plate horizontal drum is built to handle the toughest materials, while delivering the highest quality output.



Scan this code to watch our trommel screens in action!



PRIMUS

The Primus is a heavy-duty, mobile drum screen machine built for small to medium-sized topsoil and compost operations. Heavy-duty components and a hydraulic drum drive make the Primus a powerful, cost effective solution to your organic screening needs.

- » Horizontal drum delivers consistent output.
- » Material rides on screening surface for extremely effective separation.

Power	
Diesel Engine / Horsepower:	Perkins Tier 4 Final / 70 HP
Proportion	
Hopper Volume:	>4.0 yd ³ (>3 m ³)
Screen Drum Diameter:	4'9" (1.4 m)
Effective Screening Area:	175 ft ²
Performance <i>(dependent on material)</i>	
Maximum Throughput Rate:	up to 90 yd ³ /hr (70 m ³ /hr)



The Primus features a simple to change screen drum system.



Optional grizzly available.

NEMUS 2700

The Nemus 2700 is a mobile, hydraulic drum screen, available in track or wheeled chassis, that is built for high throughput screening of heavy soil, compost, mulch and waste materials. The Nemus delivers convenient feeding, efficient discharge, quick drum changes, easy operation, and simplified cleaning and maintenance.

- » Flexibility to run competitors drum inside machine.
- » Optional bag opening knives available.



Patented drum grip system minimizes wear costs.



Smooth, round drum holes allow brushes to thoroughly clean the drum.

Power	
Diesel Engine / Horsepower:	Perkins Tier 4 Final / 99 HP
Proportion	
Hopper Volume:	>6.5 yd ³ (>5 m ³)
Screen Drum Diameter:	6'7" (2 m)
Effective Screening Area:	323 ft ²
Performance <i>(dependent on material)</i>	
Maximum Throughput Rate:	up to 230 yd ³ /hr (175 m ³ /hr)



Using a patented system of pressure and suction blowers, the Stonefex removes up to 95% of stones and heavy objects from your material.



Efficiently separate plastic contamination directly into external containers for simple and easy disposal.

SEPARATING

MATERIAL SEPARATION MACHINES

In waste processing, contaminated material is unavoidable. Having the right waste material separation equipment will solve this problem. Komptech separation machines efficiently remove light plastic contaminants, rocks and metals from the overs of the screening process.



Scan this code to watch our separators in action!

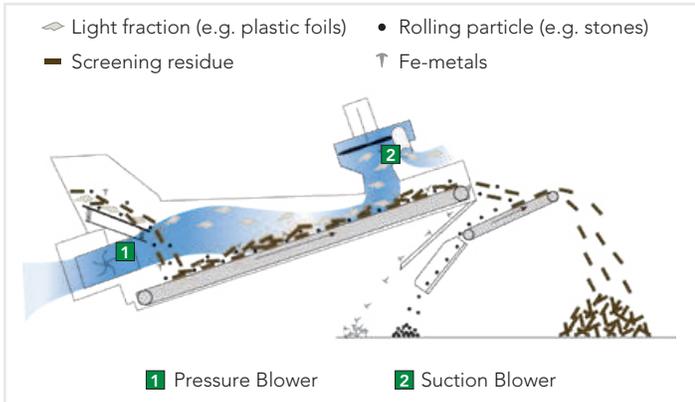


HURRIKAN S

WINDSIFTER SEPARATOR

The Hurrikan S is a mobile, high-throughput windsifter that removes light fraction plastics, rocks and Fe-metals from screened overs using a patented "pressure-suction" process. Material is first separated by a targeted air knife, then lightweight material is drawn out by a powerful suction blower.

- » Effectively removes up to 95% contaminants.
- » Compatible with most commercial mobile screening units.



Power

Diesel Generator / Horsepower: JCB Gen Set Tier 4 Final / 80 HP

Proportion

Transport Dimensions (LxWxH): 36'1" x 8'4" x 13'1" (11 x 2.55 x 4 m)

Working Dimensions (LxWxH): 36'1" x 9'10" x 13'1" (11 x 3 x 4 m)

Weight: 22,000 lbs

Performance *(dependent on material)*

Maximum Throughput Rate: up to 100 yd³/hr (76 m³/hr)

STONEFEX

STONE SEPARATOR

The Stonefex is a mobile stone separator that removes rocks and heavy inert items from materials such as pre-shredded green waste or compost overs. Output that was previously difficult to use due to high concentration of stones, can now be easily processed into fuel.

- » Wide range of applications such as C&D, log yard cleanup, mulch and compost.
- » Separate efficiently without the use of water.

Power

Diesel Generator / Horsepower: JCB Gen Set Tier 4 Final / 55 HP

Proportion

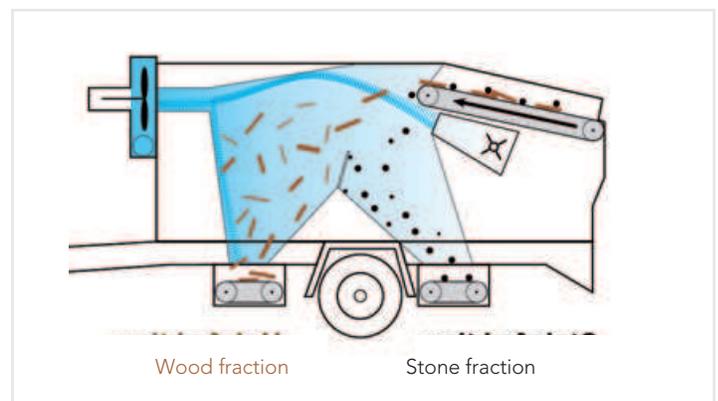
Transport Dimensions (LxWxH): 27'3" x 8'4" x 13'1" (8.3 x 2.55 x 4 m)

Working Dimensions (LxWxH): 27'3" x 24'7" x 12'2" (8.3 x 7.5 x 3.7 m)

Weight: 22,000 lbs

Performance *(dependent on material)*

Maximum Throughput Rate: up to 130 yd³/hr (100 m³/hr)





Scan this QR Code with your mobile device to watch more videos of our machines in action

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