



**KOMPTECH**  
AMERICAS

# PRODUCT OVERVIEW

SHREDDING

TURNING

SCREENING

SEPARATING



# CRAMBO

LOW SPEED DUAL SHAFT SHREDDER



The Crambo is a low speed, high torque, dual shaft shredder for all types of waste. The dual shaft provides an aggressive feed while minimizing fines. The Crambo is powered by the latest Caterpillar engine. The output size is determined by simply exchanging screen baskets. The variable speed/ variable torque hydraulic drum drive system, ensures the Crambo runs at maximum efficiency.

- High throughput on a wide range of materials
- Aggressive feed with long, counter-rotating shredding drums
- Variable particle sizes through simple screen basket change
- Resistant to contaminants
- Minimal noise and dust emissions
- Low operating costs

CRAMBO	3400	5000	6000
<b>Engine</b>			
Diesel engine:	CAT® C9	CAT® C13	CAT® C18
Power (kW / HP):	242 / 330	328 / 446	429 / 583
Power electrical motor:	1 x 185 kW	1 x 230 kW	1 x 315 kW
<b>Shredding unit</b>			
Drum drive:	hydraulic		
Drum rpm:	max 32	max 32	max 41
Drum length:	9' 3" / 2820 mm		
Drum diameter:	2' / 610 mm		
<b>Loading heights</b>			
Loading heights:	Track: 9' 6" / 2898 mm		
Discharge heights (10°-35°):	Track: 6' 0" - 13' 7" / 1830 - 4151 mm		
<b>Dimensions L x W x H transport and working positions (Conveyor belt 35°)</b>			
Track transport:	22' 9" x 9' 4" x 10' 9" / 6940 x 2854 x 3268 mm		
Track working:	39' 4" x 10' 10" x 13' 5" / 11372 x 3290 x 4088 mm		
<b>Weight (dependent on equipment) lbs</b>			
Track:	53,800	54,200	55,100
<b>Throughput (dependent on material)</b>			
Performance:	up to 50 t.sh/h up to 45 t/h	up to 80 t.sh/h up to 71 t/h	up to 110 t.sh/h up to 100 t/h

# TERMINATOR

LOW SPEED SINGLE SHAFT SHREDDER



The Terminator is a low-speed, high torque, single-shaft shredder for all types of waste. The power plant of the Terminator is a modern Caterpillar engine. The hydraulic drum drive with load dependent speed control, creates maximum shredding force. The drum can reverse at any time to prevent blockages, redistribute material or clean the drum. The continuous cutting gap adjustment allows for the precise setting of the particle size for subsequent processing steps.

- Shredding of the most difficult materials such as tires, heavy C&D, mattresses, and carpeting
- U.S. designed high clearance chassis protects the belt and prevents blockages
- Full access to all maintenance points and the shredding chamber
- Numerous options for more functionality and ease of use

TERMINATOR	3400 S	5000 S	6000 S
<b>Engine</b>			
Diesel engine:	CAT® C9	CAT® C13	CAT® C18
Power (kW / HP):	242 / 330	328 / 446	429 / 583
	Drum drive on both sides	Drum drive on both sides	Drum drive on both sides
Power electrical motor (kW):	1 x 185	1 x 230	1 x 315
<b>Shredding unit</b>			
Drum rpm:	max 29	max 32	max 38
Drum length:	1' 10" / 3000 mm		
Drum diameter:	3' 5" / 1050 mm		
<b>Loading heights</b>			
Loading heights:	Track: 10' 2" / 3106 mm		
Discharge heights (10°-35°):	Track: 5' 7" - 13' 9" / 1700 - 4188 mm		
<b>Dimensions L x W x H transport and working positions (Conveyor belt 35°)</b>			
Track transport:	22' 9" x 9' 4" x 11' 8" / 6933 x 2854 x 3554 mm		
Track working:	41' 4" x 10' 11" x 13' 9" / 12605 x 3328 x 4188 mm		
<b>Weight (dependent on equipment) lbs</b>			
Track:	63,300	63,900	65,500
<b>Throughput (dependent on material)</b>			
Performance:	up to 55 t.sh/h up to 50 t/h	up to 88 t.sh/h up to 80 t/h	up to 110 t.sh/h up to 100 t/h

# PRIMUS

HYDRAULIC TROMMEL SCREEN



The Primus is designed as a tandem, central axle trailer. The Primus not only has 172 ft<sup>2</sup> / 16 m<sup>2</sup> of effective screening area, it can also be equipped with a grizzly or wind sifter option for specific customer needs. Heavy duty components, manually folding discharge belts, and a fuel efficient hydraulic drive gives this machine an excellent price to performance ratio.

- Steep hopper walls prevent bridging
- Easy accessibility and simple drum change system
- Solid punch plate drum or quick change screen segments available

	PRIMUS
<b>Drive</b>	
Diesel engine (kW / HP):	38 / 51
<b>Material feeding - feed hopper</b>	
Hopper volume:	> 4.0 yd <sup>3</sup> / > 3 m <sup>3</sup>
Filling length:	> 9'6" / > 2900 mm
Filling height:	8'8" / 2640 mm
<b>Screening drum</b>	
Diameter:	4'9" / 1450 mm
Length:	13'1" / 4000 mm
Effective screening area:	172 ft <sup>2</sup> / 16 m <sup>2</sup>
Drum rpm:	21
<b>Material discharge - max discharge height</b>	
Coarse fraction:	7'7" / 2300 mm
Fine fraction:	6'10" / 2080 mm
<b>Dimensions L x W x H</b>	
Transport dimensions:	32'0" x 8'4" x 13'1" 9750 x 2550 x 4000 mm
Working dimensions:	38'1" x 19'11" x 9'10" 11613 x 6073 x 3001 mm
Weight:	9.9 t.sh / 9.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 90 yd <sup>3</sup> /h to 70 m <sup>3</sup> /h

# NEMUS

HYDRAULIC TROMMEL SCREEN



The Nemus 2700, a mobile hydraulic drum screen, is the result of customer feedback and a combination of features from past and current product offerings by Komptech. The large 6.5 yd<sup>3</sup> hopper and unique drum design to push material through, ensures the operator is never waiting on the trommel. The Nemus can go from transport to working mode in a matter of minutes, saving the user the time and hassle associated with other complicated machines.

- More than 6.5 yd<sup>3</sup> / 5 m<sup>3</sup> hopper
- Efficient, low-wear hopper belt drive on the drum intake side for increased performance
- 323 ft<sup>2</sup> / 30 m<sup>2</sup> screening area for higher throughput
- Able to use it's predecessors as well as it's competitors drums

	NEMUS 2700
<b>Drive</b>	
Diesel engine (kW / HP):	70 / 95
<b>Material feeding - feed hopper</b>	
Hopper volume:	>6.5 yd <sup>3</sup> / > 5.0 m <sup>3</sup>
Filling length:	>13'1" / > 4000 mm
Filling height:	9'4" / 2850 mm
<b>Screening drum</b>	
Diameter:	6'7" / 2000 mm
Length:	18'1" / 5500 mm
Effective screening area:	323 ft <sup>2</sup> / 30 m <sup>2</sup>
Drum rpm:	max. 23
<b>Material discharge - max discharge height</b>	
Coarse fraction:	11'8" / 3550 mm
Fine fraction:	11'8" / 3552 mm
<b>Dimensions L x W x H</b>	
Transport dimensions track:	34'5" x 9'10" x 12'10" 10500 x 3000 x 3900 mm
Transport dimensions king-pin:	37'11" x 8'4" x 13'1" 11552 x 2550 x 4000 mm
Working dimensions track:	47'1" x 21'11" x 12'6" 14354 x 6688 x 3800 mm
Working dimensions king-pin:	50'4" x 21'1" x 12'6" 15350 x 6415 x 3800 mm
Weight track:	~ 19.0 t.sh / ~ 17.0 t
Weight king-pin:	~ 22.0 t.sh / ~ 20.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 220 yd <sup>3</sup> /h to 170 m <sup>3</sup> /h

# CRIBUS

ELECTRIC TROMMEL SCREEN



The Cribus series redefines the term mobile drum screen. Numerous innovations create a machine with the highest level of functionality and cost effectiveness, to set a new benchmark. The drive system is the basis for its extremely high cost-effectiveness - everything from the hopper to the discharge belts on the Cribus is electrically driven.

- Drum change possible in minutes, without tools
- Large panels and doors for easy access to all maintenance points
- Hydraulically adjustable sidewall
- Steep sidewalls prevent bridging
- Available in three sizes to meet any performance need

	2800	3800	5000
<b>Drive</b>			
Electrical power input (kW/HP):	25/33.5	30/40.2	36/48.2
Diesel generator (kVA/HP):	60/79	60/79	60/79
<b>Material feeding - feed hopper</b>			
Hopper volume:	> 6.6 yd <sup>3</sup> > 5.0 m <sup>3</sup>	> 6.6 yd <sup>3</sup> > 5.0 m <sup>3</sup>	> 7.9 yd <sup>3</sup> > 6.0 m <sup>3</sup>
Filling length:	> 13'1" > 4000 mm	> 13'1" > 4000 mm	> 14'9" > 4500 mm
Filling height:	9'8" / 2950 mm		
<b>Screening drum</b>			
Diameter:	7'3" / 2200 mm		
Length:	15'1" / 4600 mm	19'8" / 6000 mm	25'3" / 7700 mm
Effective screening area:	301 ft <sup>2</sup> / 28 m <sup>2</sup>	409 ft <sup>2</sup> / 38 m <sup>2</sup>	538 ft <sup>2</sup> / 50 m <sup>2</sup>
Drum rpm:	max. 20		
<b>Material discharge</b>			
max. heights:	coarse: 11'6" / 3500 mm	Fine: 11'0" / 3350 mm	
<b>Transport dimensions L x W x H</b>			
King-Pin:	32'4" x 8'4" x 13'1" 9850 x 2550 x 4000 mm	38'1" x 8'4" x 13'1" 11600 x 2550 x 4000 mm	44'7" x 8'4" x 13'1" 13600 x 2550 x 4000 mm
Weight (t):	~ 20.0 t.sh 19.0 t	~ 22.0 t.sh 19.5 t	~ 25.5 t.sh 23.0 t
<b>Throughput (dependent on material)</b>			
Throughput performance:	to 230 yd <sup>3</sup> /h to 175 m <sup>3</sup> /h	to 290 yd <sup>3</sup> /h to 225 m <sup>3</sup> /h	to 360 yd <sup>3</sup> /h to 275 m <sup>3</sup> /h

# STONEFEX

STONE SEPARATOR



The mobile stone separator Stonefex very effectively removes stones and inert items from biomass fuels and compost. A patented system of pressure and suction blowers generates exactly the right air flow in the expansion chamber to remove stones and heavy objects from wood. The outcome is a fuel nearly free of stones which can be sold at a higher price. Furthermore, fractions that were previously unusable due to their high amount of stones can now be processed into fuel.

- Dependable removal of up to 95 percent of stones and inert items (depending on input material)
- Wide range of adjustability to suit many applications
- Low energy costs due to hybrid technology
- Compatible with almost all mobile screening machines

Stonefex	
<b>Drive</b>	
Electrical power input (kW/HP):	26/34.8
Diesel generator (kVA/HP):	36/49 (constant)
<b>Material feeding - Intake conveyor</b>	
Filling width:	3'11" / 1200 mm
Filling height:	10'4" / 3150 mm
Drive (kW):	3.0
<b>Blower drive</b>	
Pressure blower (kW):	7.5
Suction- and feed blower (kW):	11
<b>Discharge - Stone fraction</b>	
Design:	Corrugated edge belt
Discharge height:	8'2" / 2500 mm (option 12'2" (3700 mm))
<b>Discharge - Wood fraction</b>	
Design:	Corrugated edge belt
Discharge height:	8'2" / 2500 mm (option 12'2" (3700 mm))
<b>Dimensions L x W x H:</b>	
Transport dimensions:	27'3" x 8'4" x 13'1" 8300 x 2550 x 4000 mm
Working dimensions:	27'3" x 24'7" x 12'2" 8300 x 7500 x 3700 mm
Weight (dependent on equipment):	~ 10.0 t.sh / ~ 9.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 130 yd <sup>3</sup> /h to 100 m <sup>3</sup> /h

# HURRIKAN S

WINDSIFTER



The mobile Hurrikan windsifters allow effective separation of light plastic from over-sized screened material. The patented "pressure-suction" principle guarantees a high degree of selectivity and adjustability for specific applications. The quality of the recyclable oversized particles can be improved further by using magnet separation and a stone trap.

- High throughput with over 95 percent selectivity
- Powerful S-version with two suction fans designed for larger screens
- Compatible with most commercially available mobile screening units
- Maximum mobility and independent operation with on-board diesel power unit

Hurrikan S	
<b>Drive</b>	
Electrical power input (kW/HP):	47/63
Diesel generator (kVA/HP):	60/80.4
<b>Material feeding</b>	
Filling width:	5'3" / 1600 mm
Filling height:	adjustable from 6'5" / 1950 to 7'5" / 2250 mm
<b>Blower power</b>	
Pressure blower (kW):	7.5
Suction and feed blower (kW):	2 x 15
<b>Material discharge</b>	
Max. discharge height:	8'8" / 2650 mm
<b>Dimensions L x W x H</b>	
Transport dimensions:	36'1" x 8'4" x 13'1" 11000 x 2550 x 4000 mm
Working dimensions:	36'1" x 8'4" x 13'1" 11000 x 2550 x 4000 mm
Weight:	~ 11.0 t.sh / ~ 10.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 80 yd <sup>3</sup> /h to 60 m <sup>3</sup> /h

# HURRIFEX

STONE SEPARATOR AND WINDSIFTER



The Hurrifex combines a stone separator and windsifter in a single machine. This makes it possible to clean compost and biomass of stones and light fraction plastic in one pass. Easily adjustable separation parameters give the Hurrifex a wide range of applications, and a separation efficiency of up to 95 percent. All components are electrically powered, from grid power or with the on-board diesel generator. Large doors provide full access to all components for ease of maintenance.

- Combined unit with savings in space, cost and transportation effort compared to two separate machines
- Wide range of uses with simple operation and high flexibility
- Separation efficiency up to 95 percent at throughputs of 80 yd<sup>3</sup>/h
- Low energy costs due to electrical drive of all components

Hurrifex	
<b>Drive</b>	
Diesel generator (kVA/HP):	60/79 (constant)
<b>Material feeding - Intake conveyor</b>	
Filling width:	3'11" / 1200 mm
Filling height:	9'2" / 2800 mm
Drive (kW):	3.0
<b>Blower drive</b>	
Pressure blower (kW):	7.5
Suction- and conveyor blower - separation chamber (kW):	7.5
Suction- and conveyor blower (kW):	11
<b>Discharge - Stone fraction</b>	
Design:	Corrugated edge belt
Discharge height:	8' / 2450 mm (option 12'2" (3700 mm))
<b>Discharge - Cleaned fraction</b>	
Design:	Profiled belt
Discharge height:	12' / 3650 mm
<b>Dimensions L x W x H:</b>	
Transport dimensions:	45'6" x 8'4" x 12'11.5" 13860 x 2550 x 3950 mm
Working dimensions:	45'6" x 17'10" x 13'4" 13860 x 5447 x 4060 mm
Weight (dependent on equipment):	~ 15.4 t.sh / ~ 14.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 80 yd <sup>3</sup> /h to 60 m <sup>3</sup> /h

All units come standard with flex power: on board diesel generator or direct ground power.

# BALLISTOR

BALLISTIC SEPARATOR



The Ballistor is used to separate out usable fractions from waste and potential recyclables. By combining ballistic separation with screening, separation is performed in one operation in accordance with the criteria 3/2-dimensional, rolling-cubic-rigid/flat-soft-narrow, or undersized/oversized particles. With a choice of separation into three or four fractions, five sizes and many options, the Ballistor separator can be configured to suit many applications.

- Wide range of applications - from municipal waste (household waste, commercial waste) to single stream and construction and demolition waste
- High degree of adjustability for precise separation
- Efficient drive design with low operating costs
- Compact design requires small footprint

Ballistor	4300*	6300*	8300*	10300*
<b>Drive</b>				
Power (kW/HP):	5.5/7.3	11/14.7	11.0/14.7	11.0/14.7
<b>Screen elements</b>				
No. of fractions:	3	3	3	3
No. of screening elements:	4	6	8	10
Length screening elements:	18'4" 5600 mm			
Screening area:	104 ft <sup>2</sup> 9.6 m <sup>2</sup>	155 ft <sup>2</sup> 14.4 m <sup>2</sup>	207 ft <sup>2</sup> 19.2 m <sup>2</sup>	257 ft <sup>2</sup> 23.9 m <sup>2</sup>
<b>Dimensions</b>				
Length:	24'6" 7475 mm			
Width:	7'10" 2400 mm	10'8" 3250 mm	13'5" 4100 mm	16'3" 4960 mm
Height without inlet cap:	6'4" 1930 mm			
Transport width: (pre-assembled unit)	7'1" 2150 mm	9'10" 3000 mm	12'11" 3940 mm	15'9" 4800 mm
Weight:	~ 6.4 t.sh ~ 5.75 t	~ 7.7 t.sh ~ 7.0 t	~ 9.4 t.sh ~ 8.5 t	~ 10.8 t.sh ~ 9.75 t
<b>(dependent on material)</b>				
Throughput performance yd <sup>3</sup> /h:	to 80	to 130	to 170	to 210
m <sup>3</sup> /h:	to 60	to 100	to 130	to 160

\* these models also come with a 4 fraction option

# TOPTURN X4500

WINDROW TURNER



The new Topturn X4500 brings high-end performance to the entry level category. The X4500 packs the proven functionality of the X series in a scale that is a perfect fit for small and medium-size composting operations. A robust frame coupled with a new design, high performance hydraulics and generously dimensioned drum mean high throughput in all scenarios. For small operations with big plans, the X4500 also comes in a more powerful 275 HP version. Both engines meet the latest exhaust requirements and the generously dimensioned cooling systems keep them running smoothly even under full load and high ambient temperatures. The hydraulically extendable maintenance platforms and reversible wear plates allow for easy maintenance and low wear costs.

- Large-dimensioned turning drum for high throughput and complete mixing
- Wheel drive or Track drive
- Easy maintenance access with ladders and platforms integrated in the body

Topturn X4500	
<b>Drive</b>	
Diesel engine:	CAT® C7.1 Tier 4 Final/Stage IV or Tier 3/Stage IIIA
Power (kW / HP):	151 or 205 / 205 or 275
<b>Turning device</b>	
Drum diameter:	47" / 1200 mm
Drum rpm:	0-195
<b>Windrow dimensions</b>	
Max. windrow width:	14'9" / 4500 mm
Max. windrow height:	7'3" (+1'3" extendable) / 2200 mm (+380 extendable)
Max. windrow cross-section:	55 ft <sup>2</sup> / up to 5.1 m <sup>2</sup>
<b>Travelling speeds (I standard, II optional)</b>	
Wheel:	I: 0-2.5 II: 0-3.7 mph / I: 0-4 II: 0-6 km/h
Track:	I: 0-2.5 mph / I: 0-4 km/h
<b>Dimensions L x W x H</b>	
Transport dimensions Wheel:	15'11" x 9'10" x 10'11" / 4851 x 2996 x 3319 mm
Transport dimensions Track:	17'11" x 8'4" x 10'9" / 4851 x 2550 x 3288 mm
Working dimensions Wheel:	14'9" x 16'8" x 11'10" (+1'3") / 4484 x 5080 x 3606 mm (+380)
Working dimensions Track:	13'6" x 16'8" x 12' (+1'3") / 4126 x 5080 x 3645 mm (+380)
<b>Weight</b>	
Wheel:	~ 31,800 lbs / ~ 14.5 t
Track:	~ 33,000 lbs / ~ 15 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 3900 yd <sup>3</sup> /h / to 3000 m <sup>3</sup> /h

# TOPTURN X55

WINDROW TURNER



The Topturn is one of the most widely used compost turners in the world. Inspired by our customers, this third generation of the Topturn offers top performance with complete comfort and convenience. All engines meet the latest emissions standards, and the new cooling system keeps everything cool even under heavy loads and high outside temperatures. Further improvements are the larger, more comfortable cabin and new automatic drive for relaxed working. The hydraulically extendable maintenance platforms added for fast and easy maintenance.

- Wheel or Track drive
- Large-dimension turning drum for high throughput and complete mixing
- Comfortable cabin with more space and new intuitive controls
- Engine pre-filter for dusty conditions

Topturn X55	
<b>Drive</b>	
Diesel engine:	CAT® C9.3 Tier 4 Final/Stage IV or Tier 3/Stage IIIA
Power (kW / HP):	242 / 330
<b>Turning device</b>	
Drum diameter:	47" / 1200 mm
Drum rpm:	0-195
<b>Windrow dimensions</b>	
Max. windrow width:	16'5" or 17'5" / 5000 or 5300 mm (others on request)
Max. windrow height:	8'2" / 2500 mm
Max. windrow cross-section:	84 ft <sup>2</sup> / up to 7.8 m <sup>2</sup>
<b>Travelling speeds (I standard, II optional)</b>	
Wheel:	I: 0-2.5 II: 0-4.4 mph / I: 0-4 II: 0-6 km/h
Track:	I: 0-2.5 mph / I: 0-4 km/h
<b>Dimensions L x W x H</b>	
Transport dimensions Wheel:	17'11" x 9'10" x 10'9" / 5457 x 2996 x 3284 mm
Transport dimensions Track:	17'11" x 8'4" x 10'8" / 5457 x 2548 x 3253 mm
Working dimensions Wheel:	14'1" x 17'7" x 14'10" / 4300 x 5350 x 4525 mm
Working dimensions Track:	13'1" x 17'7" x 14'4" / 3980 x 5350 x 4380 mm
<b>Weight</b>	
Wheel:	~ 17.5 t.sh / ~ 16 t
Track:	~ 18.0 t.sh 7 ~ 16.5 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 5200 yd <sup>3</sup> /h / to 4000 m <sup>3</sup> /h

# TOPTURN X63

WINDROW TURNER



The Topturn X63 is designed for the most demanding tasks. Equipped with a more powerful engine and with an intake width of up to 19'8" the X63 achieves a turning capacity of up to 5800 cubic yards per hour. The combination of large drum with the powerful drive ensures that the turner leaves the perfect windrow behind it as it goes. The engine meets the latest emissions standards (Tier 4f/EU Stage IV).

- Easy maintenance access with ladders and platforms integrated in the body
- Wide application areas:  
Composting of MSW, green waste, feedlots, biowaste, sewage sludge, treatment of contaminated soils, mixing of ores
- Patented scrapper bar to ensure the complete pile is turned
- Fast drive option doubles travel speed while outside of windrows

Topturn X63	
<b>Drive</b>	
Diesel engine:	CAT® C13 Tier 4 Final/Stage IV or Tier 3/Stage IIIA
Power (kW / HP):	287 / 390
<b>Turning device</b>	
Drum diameter:	4'7" / 1400 mm
Drum rpm:	0-195
<b>Windrow dimensions</b>	
Max. windrow width:	18'8" or 19'8" / 5700 or 6000 mm (others on request)
Max. windrow height:	9'2" / 2800 mm
Max. windrow cross-section:	~100 ft <sup>2</sup> / up to 9 m <sup>2</sup>
<b>Travelling speeds (I standard, II optional)</b>	
Wheel:	I: 0-2.5 II: 0-3.7 mph / I: 0-4 II: 0-6 km/h
Track:	I: 0-2.5 mph / I: 0-4 km/h
<b>Dimensions L x W x H</b>	
Transport dimensions Wheel:	20'2"x9'10"x11'11" / 6155 x 2996 x 3635 mm
Transport dimensions Track:	20'2"x8'4"x11'10" / 6155 x 2548 x 3607 mm
Working dimensions Wheel:	14'1"x20'0"x15'10" / 4303 x 6091 x 4815 mm
Working dimensions Track:	13'0"x19'8"x15'8" / 3973 x 6003 x 4780 mm
<b>Weight</b>	
Wheel:	~ 19.8 t.sh / ~ 18 t
Track:	~ 20.6 t.sh / ~ 18.7 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	to 5800 yd <sup>3</sup> /h / to 4500 m <sup>3</sup> /h

# TOPTURN X67

WINDROW TURNER



The Topturn X 67 is designed for the most demanding applications. The sturdy, design enables maximum performance even with the heaviest materials. With up to 446 HP, the performance of the Caterpillar® engine is perfectly suited to the machine. A powerful cooling system for the engine and the hydraulic system keeps the machine in the "green" range, even in hot weather. A large, powerful hydraulically driven drum with efficient throwing blades accelerates the turning and rotting processes.

- Designed for heavy duty application, with frame mounted drum for additional stability
- Lateral displacement device for optimum use of space
- Large dimensioned turning drum for complete mixing
- Powerful hydraulic drive with separate circuit for drive and drum function

Topturn X67	
<b>Drive</b>	
Diesel engine:	CAT® C13 Tier 3/Stage IIIA
Power (kW / HP):	328 / 446
<b>Turning device</b>	
Drum diameter:	5'9" / 1750 mm
Drum rpm:	0-160
<b>Windrow dimensions</b>	
Max. windrow width:	21'0" / 6400 mm
Max. windrow height:	10'2" / 3100 mm
Max. windrow cross-section:	up to 113 ft <sup>2</sup> / up to 10 m <sup>2</sup>
<b>Travelling speeds (I standard, II optional)</b>	
Track:	I: 0-1.9 / I: 0-3 km/h VR infinitely variable II: 0-3.7 / II: 0-6 km/h VR infinitely variable
<b>Dimensions L x W x H</b>	
Transport dimensions Track:	22'2" x 9'10" x 11'8" / 6580 x 3000 x 3560 mm
Working dimensions Track:	15'6" x 22' x 16'4" / 4720 x 6700 x 4970 mm
<b>Weight</b>	
Track:	~ 23.5 t.sh / ~ 22.0 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	up to 6540 yd <sup>3</sup> /h up to 4500 m <sup>3</sup> /h

# MULTISTAR S3

STAR SCREEN



The Multistar S3 is the entry-level member of Komptech's professional star screen line. Designed expressly for the needs of moderate volume users, the S3 combines low cost with a level of performance previously only available in the high-capacity L and XL class. The Multistar S3 has small dimensions while still offering the mobility for service providers or multi-site use. Like the higher capacity models, the applications range from composting and food waste shredding, to mulch and bark processing. Similarly, almost all the options of the larger machines are available - windsifting of the medium and overs fraction, screen deck variations, switch from 3 to 2 fractions, hopper extensions and much more. The S3 naturally meets Komptech's green efficiency criteria: high efficiency at low emissions.

- Power for the electrical drives from the mains or from an integrated diesel generator
- Excellent maintenance access through service doors and easily removable flexible cladding

MULTISTAR S3	
<b>Drive</b>	
Diesel generator:	45 kVA Tier3/ Stage IIIA 40 kVA Tier4 Final/ Sage IV
<b>Material feeding</b>	
Hopper volume:	3.2 yd <sup>3</sup> / 4.5 yd <sup>3</sup> (option) 2.5 / 3.5 m <sup>3</sup> (option)
Filling length:	10' 2" / 3100 mm
Filling height:	8' 2" / 9' 10"   2500 / 3000 mm
<b>Screen segments L x W / area</b>	
Coarse screen:	7' 10" x 2' 11" / 22.6 ft <sup>2</sup>   2400 x 900 mm / 2.1 m <sup>2</sup>
Fine screen:	13' 11" x 2' 11" / 41.9 ft <sup>2</sup>   4250 x 900 mm / 3.9 m <sup>2</sup>
<b>Screen section</b>	
Coarse particle:	> 2 2/3" ... 3 1/2"   > 60...90 mm
Medium particle:	3/8" ... 1" / 2 2/3" ... 3 1/2"   10...25 / 60...90 mm
Fine particle:	0 / 3/8" ... 1"   0 / 10...25 mm
<b>Max. discharge heights</b>	
Coarse fraction:	9' 3" / 2821 mm
Medium fraction:	11' 6" / 3494 mm
Fine fraction:	9' 6" / 2905 mm
<b>Dimensions L x W x H</b>	
Transport dimensions:	36'9" x 8'1" x 11'8" / 11198 x 2476 x 3549 mm
Working dimensions:	36'9" x 19'5" x 12'1" / 11198 x 5919 x 3688 mm
Weight:	~ 15 t.sh / ~ 13.6 t
<b>Throughput (dependent on material)</b>	
Throughput performance:	up to 130 yd <sup>3</sup> /h up to 100 m <sup>3</sup> /h

# MULTISTAR L3

STAR SCREEN



High throughput across a wide range of applications, combined with the patented cleaning system for an outstanding degree of separation even with wet materials, make it the most capable machine in its class. The Multistar L3 is impressively energy efficient: All machine components are electrically driven. The power can come from the grid for the lowest cost, or from the on-board generator when grid power isn't available. Its features boost operating flexibility and simplify maintenance. Cover panels don't just protect the components inside, they also serve as access doors for full access to all maintenance points.

- Easily change between 3 & 2 fractions
- Ability to remove stones and metal
- Greaseless bearings for low maintenance
- Windsifters available on mid and overs fractions
- Hybrid dual power

## MULTISTAR L3

Drive	
Diesel generator (kVA/HP):	48/60/85   64/80/114 (option)
Material feeding	
Hopper volume:	~ 9.2 yd <sup>3</sup> / ~ 7 m <sup>3</sup>
Filling length:	12'4" / 3750 mm
Filling height:	11'4" / 3450 mm
Screen segments L x W / area	
Coarse screen:	10'6"x4'1" / 41 ft <sup>2</sup>   3198 x 1200 mm / 3,85 m <sup>2</sup>
Fine screen:	19'2"x4'1" / 79 ft <sup>2</sup>   5852 x 1250 mm / 7,3 m <sup>2</sup>
Screen section	
Coarse particle:	> 2 3/8".....3 1/2"   > 60.....90 mm
Medium particle:	3/8".....1" / 2 3/8".....3 1/2"   10.....25 / 60.....90 mm
Fine particle:	0 / 3/8".....1"   0 / 10.....25 mm
Max. discharge heights	
Coarse fraction:	9'4" / 2850 mm
Medium fraction:	11'6" / 3500 mm
Fine fraction:	11'6" / 3500 mm
Dimensions L x W x H	
Transport pintle:	37'9" x 8'4" x 13'1" / 11500 x 2550 x 4000 mm
Transport king-pin:	44'7" x 8'4" x 13'1" / 13600 x 2550 x 4000 mm
Weight pintle:	~ 23.0 t.sh / ~ 21.0 t
Weight king-pin:	~ 24.8 t.sh / ~ 22,5 t
Throughput (dependent on material)	
Throughput performance:	to 250 yd <sup>3</sup> /h to 191 m <sup>3</sup> /h

# MULTISTAR XL3

STAR SCREEN



The XL3 adds to Komptech's line of large star screens. Its extra-long coarse screen deck is a major benefit where coarse screening is a bottleneck, for example with fresh biomass. It brings a definite increase in throughput. The high performance and a semitrailer design for easy transport make the new XL3 perfect for large volume producers that demand mobility. The XL3 offers unmatched flexibility through the simple adjustability of the screen cut and market-leading low energy consumption with all-electric drive, using electricity from onboard generator or grid.

- Extra-large overs screen deck for increased production of finished product with tighter spacing to produce a finer mulch
- Switch between 3 or 2 fractions with the touch of a button
- Grind directly into the large 10 yd<sup>3</sup> hopper
- Reduce handling costs by powering stacking conveyors directly from the machine

## MULTISTAR XL3

Drive	
Diesel generator (kVA/HP):	60/80   80/107 (option)
Material feeding	
Hopper volume:	~ 9.2 yd <sup>3</sup> / ~ 7 m <sup>3</sup>
Filling length:	11'10" / 3400 mm
Filling height:	11'6"/13'1" / 3500/4000 mm
Screen segments L x W / area	
Coarse screen:	13'1"x4'1" / 51.7 ft <sup>2</sup>   5000x1200 mm / 6,1 m <sup>2</sup>
Fine screen:	19'0"x4'1" / 77.5 ft <sup>2</sup>   5453x1250 mm / 6,8 m <sup>2</sup>
Screen section	
Coarse particle:	> 2 3/8".....3 1/2"   > 60.....90 mm
Medium particle:	3/8".....1" / 2 3/8".....3 1/2"   10.....25 / 60.....90 mm
Fine particle:	0 / 3/8".....1"   0 / 10.....25 mm
Max. discharge heights	
Coarse fraction:	9'10" / 3230 mm
Medium fraction:	11'6" / 3500 mm
Fine fraction:	10'6" / 3100 mm
Dimensions L x W x H	
Transport dimension:	42'2"x8'4"x13'1" / 11900 x 2550 x 4000 mm
Working dimension:	55'7"x21'4"x13'1" / 15000 x 6350 x 4000 mm
Weight:	~ 23.0 t.sh / ~ 22,0 t
Throughput (dependent on material)	
Throughput performance:	to 375 yd <sup>3</sup> /h to 287 m <sup>3</sup> /h

# MULTISTAR XXL-2

STAR SCREEN



The Multistar XXL2 is designed as a pure 2-fraction star screen and gives high performance, with up to 660 yd<sup>3</sup>/h throughput. The XXL2 is a promising alternative to drum screens in situations where separation into three fractions is not strictly necessary, for example compost screening and bark processing. The Multistar XXL2 offers unparalleled flexibility through the simple adjustability of the screen cut, and low energy consumption through all-electric drive (using electricity from generator or grid).

- 20 yd<sup>3</sup> hopper loadable from 3 sides can keep up with any grinder
- New quick-change screen deck
- Output product size changed in seconds from 1/4" to 6" minus
- Large reserve power to run your stacking conveyors burning only 1.5 gallons/hour

## MULTISTAR XXL-2

Drive	
Diesel generator (kVA/HP):	60   80 (optional 80   107)
Material feeding	
Hopper volume:	~ 13 yd <sup>3</sup> (optional 20) / ~ 10 m <sup>3</sup> (optional 15)
Filling length:	13'1" / 4000 mm
Filling height:	10'6" / 3200 mm
Screen segments L x W / area	
Coarse screen:	23' x 5'3" / 118 ft <sup>2</sup>   7000x1600 mm / 11,2 m <sup>2</sup>
Screen section	
Oversize particle:	> 5/8".....1 5/32"   > 15.....30 mm
Undersize particle:	0 / 5/8".....1 5/32"   0 / 15.....30 mm
Max. discharge heights	
Oversize fraction:	11'10" (optional 15'1") 3600 mm (optional 4600)
Undersize fraction:	8'10" (optional 13'1") 2700 mm (optional 4000)
Dimensions L x W x H	
Transport dimension:	44'11" x 8'4" x 12'10" / 13700 x 2550 x 3900 mm
Working dimension:	50'10" x 13'11" x 12'10" / 15500 x 4250 x 3900 mm
Weight:	~ 24.0 t.sh / ~ 22,0 t
Throughput (dependent on material)	
Throughput performance:	to 650 yd <sup>3</sup> /h to 500 m <sup>3</sup> /h

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We reserve the right to make technical changes due to ongoing development. USA2018