



KOMPTECH
TECHNOLOGY FOR A BETTER ENVIRONMENT

PRODUCT OVERVIEW

SHREDDING SCREENING SEPARATION COMPOSTING



CRAMBO/CRAMBO DIRECT

LOW SPEED DUAL SHAFT SHREDDER



The Crambo is one of the best machines for shredding all types of wood and green waste. Two low speed drums with shredding tools minimize fine particle and noise/dust emissions, and resist contaminants. The output size is determined by simply exchanging screen baskets. The Crambo is powered by the latest Caterpillar® engine. The sound proofing of the engine compartment reduces noise emissions to a minimum. The variable speed/variable torque hydraulic drum drive system, ensures the Crambo runs at maximum efficiency.

- Aggressive feed with two 9' / 2820 mm long, counter-rotating shredding drums
- Variable output size ranges from 2"-12"
- Quick-change system for screen basket and tools – change screen baskets in minutes
- Optional: Efficient direct drive available

	4200 direct*	5200 direct*	6200 direct*	3400*	5000*	6000*
Drive						
Diesel engine:	CAT® C9	CAT® C13	CAT® C18	CAT® C9	CAT® C13	CAT® C18
Power (kW / HP):	242 / 330	328 / 446	429 / 583	242 / 330	328 / 446	429 / 583
Shredding unit						
Drum drive:	mechanical			hydraulic		
Drum rpm:	Gear 1: 18 max. Gear 2: 28 max.	Gear 1: 23 max. Gear 2: 34 max.	Gear 1: 29 max. Gear 2: 44 max.	38 max.	36 max.	41 max.
Drum length:	9'3" / 2820					
Drum diameter:	2' / 610					
Loading heights						
Filling height:	Hook: 8'1" / 2596		Trailer: 9'7" / 3005		Track: 9'6" / 2906	
Discharge heights:	Hook: 4'6"-12" / 1390 - 3710		Trailer: 6'2"-13'6" / 1920 - 4250 Track: 5'11"-13'6" / 1830 - 4150			
Dimensions transport position working position (Conveyor belt 35°)						
L x W x H Hook:	22'5"x8'1"x8'8" / 7290 x 2490 x 2905 38'11"x11'0"x12'6" / 12361 x 3327 x 3710					
L x W x H Trailer:	26'8"x8'2"x10'8" / 9120 x 2550 x 3360 40'9"x11'0"x14'1" / 13555 x 3325 x 4250					
L x W x H Track:	21'4"x9'4"x10'4" / 6940 x 2855 x 3265 35'9"x11'0"x14'0" / 11371 x 3327 x 4150					
Weight (dependent on equipment)						
Hook:	~ 24.8 t.sh ~ 22.4 t	~ 25.7 t.sh ~ 22.7 t	~ 26.8 t.sh ~ 23.1 t	~ 21.0 t.sh ~ 21.7 t	~ 22.5 t.sh ~ 22.0 t	~ 23.5 t.sh ~ 22.4 t
Trailer:	~ 26.7 t.sh ~ 24.7 t	~ 27.6 t.sh ~ 25.0 t	~ 28.7 t.sh ~ 25.4 t	~ 23.5 t.sh ~ 24.0 t	~ 25.0 t.sh ~ 24.2 t	~ 26.0 t.sh ~ 24.6 t
Track:	~ 28.5 t.sh ~ 25.8 t	~ 29.5 t.sh ~ 26.1 t	~ 30.6 t.sh ~ 26.5 t	~ 27.0 t.sh ~ 25.1 t	~ 28.0 t.sh ~ 25.3 t	~ 29.0 t.sh ~ 25.7 t
Throughput (dependent on material)						
Throughput performance:	to 60 t.sh/h to 55 t/h	to 90 t.sh/h to 80 t/h	to 130 t.sh/h to 120 t/h	to 50 t.sh/h to 45 t/h	to 65 t.sh/h to 60 t/h	to 110 t.sh/h to 100 t/h

* All units available in stationary electric

TERMINATOR

LOW SPEED SINGLE SHAFT SHREDDER



The Terminator is a low speed, single-shaft shredder for all types of waste. The continuous cutting gap adjustment allows for precise setting of the particle size for subsequent process steps. There are four different shafts available which are designed for specific applications. A redesigned control panel offers greater flexibility and efficiency, with fine tuned shredding.

- Shredding of the most difficult materials such as tires, heavy C&D, mattresses, and carpeting
- Cleaning comb prevents wrapping of material around the shaft
- U.S. designed high clearance chassis protects the belt and prevents blockages
- Counter-comb completely opens up for service and removal of un-shreddable material

	3400 5*	5000 5*	6000 5*
Drive			
Diesel engine:	CAT® C9	CAT® C13	CAT® C18
Power (kW / HP):	242 / 330 Drum drive on both sides	328 / 446 Drum drive on both sides	429 / 583 Drum drive on both sides
Shredding unit			
Drum length:	9'10" / 3000 mm		
Drum diameter:	41" / 1050 mm		
Drum rpm:	max. 29	max. 32	max. 38
Loading heights			
Filling height:	Hook: 8'1" / 2595 mm		Trailer: 9'7" / 3005 mm Track: 9'6" / 2900 mm
Discharge heights:	Hook: 4'6" - 12'0" / 1390 - 3710 mm		Trailer: 6'2" - 13'6" / 1920 - 4250 mm Track: 5'11" - 13'6" / 1830 - 4150 mm
Dimensions transport position working position (Conveyor belt 35°)			
L x W x H Hook:	22'5"x8'1"x8'8" / 7290 x 2490 x 2905 38'11"x11'0"x12'6" / 12360 x 3325 x 3710		
L x W x H Trailer:	26'3"x8'2"x10'8" / 9120 x 2550 x 3360 40'9"x11'0"x14'1" / 13555 x 3325 x 4250		
L x W x H Track:	21'4"x9'4"x10'4" / 6940 x 2855 x 3265 35'9"x11'0"x14'0" / 11370 x 3325 x 4150		
Weight (dependent on equipment)			
Hook:	~ 22.0 t.sh ~ 19.8 t	~ 22.5 t.sh ~ 20.4 t	~ 23.5 t.sh ~ 21.3 t
Trailer:	~ 24.0 t.sh ~ 22.0 t	~ 25.0 t.sh ~ 22.6 t	~ 26.0 t.sh ~ 23.5 t
Track:	~ 28.0 t.sh ~ 25.2 t	~ 28.5 t.sh ~ 25.8 t	~ 29.5 t.sh ~ 26.7 t
Throughput (dependent on material)			
Throughput performance:	to 55 t.sh/h to 50 t/h	to 90 t.sh/h to 80 t/h	to 110 t.sh/h to 100 t/h

* All units available in stationary electric

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	
Drive	
Electrical power input (kW/HP):	26/34.8
Diesel generator (kVA/HP):	30/40.2 (constant)
Material feeding - Intake conveyor	
Filling width:	3'11" / 1200 mm
Filling height:	10'4" / 3150 mm
Drive (kW):	3.0
Blower drive	
Pressure blower (kW):	7.5
Suction- and feed blower (kW):	11
Discharge - Stone fraction	
Design:	Corrugated edge belt
Discharge height:	8'2" / 2500 mm (option 12'2" (3700 mm)
Discharge - Wood fraction	
Design:	Corrugated edge belt
Discharge height:	8'2" / 2500 mm (option 12'2" (3700 mm)
Dimensions L x W x H:	
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
Throughput (dependent on material)	
Throughput performance:	to 130 yd ³ /h to 100 m ³ /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
- Enclosed transition point to prevent loss of material

Hurrikan S	
Drive	
Electrical power input (kW/HP):	47/63
Diesel generator (kVA/HP):	60/80.4
Material feeding	
Filling width:	5'3" / 1600 mm
Filling height:	adjustable from 6'5" / 1950 to 7'5" / 2250 mm
Blower power	
Pressure blower (kW):	7.5
Suction and feed blower (kW):	2 x 15
Material discharge	
Max. discharge height:	8'8" / 2650 mm
Dimensions L x W x H	
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
Throughput (dependent on material)	
Throughput performance:	to 80 yd ³ /h to 60 m ³ /h

HURRIFEX

STONE AND LIGHT MATERIAL SEPARATOR



The new Hurrifex combines a Hurrikan S and a Stonefex 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
- Throughput of up to 80 yd³/hour.

Hurrifex	
Drive	
Diesel generator (kVA/HP):	60/80.4 (constant)
Material feeding - Intake conveyor	
Filling width:	3'11" / 1200 mm
Filling height:	9'2" / 2800 mm
Drive (kW):	3.0
Blower drive	
Pressure blower (kW):	7.5
Suction- and conveyor blower - separation chamber (kW):	7.5
Suction- and conveyor blower (kW):	11
Discharge - Stone fraction	
Design:	Corrugated edge belt
Discharge height:	8' / 2450 mm (option 12'2" (3700 mm)
Discharge - Cleaned fraction	
Design:	Profiled belt
Discharge height:	12' / 3650 mm
Dimensions L x W x H:	
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
Throughput (dependent on material)	
Throughput performance:	to 80 yd ³ /h to 60 m ³ /h

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*
Drive				
Power (kW/HP):	5.5/7.3	5.5/7.3	11.0/14.7	11.0/14.7
Screen elements				
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 ² 9.6 m ²	155 ft ² 14.4 m ²	207 ft ² 19.2 m ²	257 ft ² 23.9 m ²
Dimensions				
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
(dependent on material)				
Throughput performance				
yd ³ /h:	to 80	to 130	to 170	to 210
m ³ /h:	to 60	to 100	to 130	to 160

* these models also come with a 4 fraction option

CRIBUS

ELECTRIC TROMMEL SCREEN



The Cribus is the next generation of Komptech mobile trommel screen. Numerous innovations create a machine with the highest level of functionality and cost-effectiveness and at the same time set new performance standards. The drive system represents the foundation for the extremely high degree of cost-effectiveness - everything on the Cribus is driven electrically, from the hopper to the discharge belts, which minimizes energy, wear and servicing costs. The newly developed "WHEELGRIP" drum drive eliminates wear parts while reducing the time between screen changes.

- Designed for economical operation
- Energy, wear and maintenance costs minimized through innovative solutions
- Electrical drive of all components for the highest energy efficiency
- Available in three sizes to meet any performance need

	2800	3800	5000
Drive			
Electrical power input (kW/HP):	25/33.5	30/40.2	36/48.2
Diesel generator (kVA/HP):	30/40	48/64.3	59.5/79.7
Material feeding - feed hopper			
Hopper volume:	> 6.6 yd ³ > 5.0 m ³	> 6.6 yd ³ > 5.0 m ³	> 7.9 yd ³ > 6.0 m ³
Filling length:	> 13'1" > 4000 mm	> 13'1" > 4000 mm	> 14'9" > 4500 mm
Filling height:	9'8" / 2950 mm		
Screening drum			
Diameter:	7'3" / 2200 mm		
Length:	15'1" / 4600 mm	19'8" / 6000 mm	25'3" / 7700 mm
Effective screening area:	301 ft ² / 28 m ²	409 ft ² / 38 m ²	538 ft ² / 50 m ²
Drum rpm:	max. 20		
Material discharge			
max. heights:	coarse: 11'6" / 3500 mm	Fine: 11'0" / 3350 mm	
Transport dimensions L x W x H			
Pintle:	34'9" x 8'4" x 13'1" 10600 x 2550 x 4000 mm	39'4" x 8'4" x 13'1" 12000 x 2550 x 4000 mm	46'1" x 8'4" x 13'1" 13600 x 2550 x 4000 mm
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	46'1" x 8'4" x 13'1" 14040 x 2550 x 4000 mm
Weight (t):	~ 17.5 t.sh 16.0 t	~ 20.0 t.sh 18.0 t	~ 26.5 t.sh 26.0 t
Throughput (dependent on material)			
Throughput performance:	to 230 yd ³ /h to 175 m ³ /h	to 290 yd ³ /h to 225 m ³ /h	to 360 yd ³ /h to 275 m ³ /h

NEMUS

HYDRAULIC TROMMEL SCREEN



With the Nemus 2700, Komptech is launching a new generation of mobile hydraulic trommel screens. As the successor to the Mustang the Nemus combines all the positive features and experience of its predecessor, while adding new features from the Cribus series. The large hopper in the design of the Cribus, the screen drum with its improved material feed and the one-piece corrugated edge fines discharge belt harmonize perfectly with the proven, robust diesel-hydraulic drive.

- More than 6.5 yd³ / 5 m³ hopper
- Efficient, low-wear hopper belt drive on the drum intake side for increased performance
- 323 ft² / 30 m² screening area for higher throughput
- Able to use it's predecessors as well as it's competitors drums

	NEMUS 2700
Drive	
Diesel engine (kW / HP):	70 / 95
Material feeding - feed hopper	
Hopper volume:	> 6.5 yd ³ / > 5.0 m ³
Filling length:	> 13'1" / > 4000 mm
Filling height:	9'4" / 2850 mm
Screening drum	
Diameter:	6'7" / 2000 mm
Length:	18'1" / 5500 mm
Effective screening area:	323 ft ² / 30 m ²
Drum rpm:	max. 23
Material discharge - max discharge height	
Coarse fraction:	11'8" / 3550 mm
Fine fraction:	11'8" / 3552 mm
Dimensions L x W x H	
Transport dimensions pintle:	39'4" x 8'4" x 13'1" 12000 x 2550 x 4000 mm
Transport dimensions king-pin:	37'11" x 8'4" x 13'1" 11552 x 2550 x 4000 mm
Working dimensions pintle:	51'9" x 21'1" x 12'6" 15762 x 6415 x 3797 mm
Working dimensions king-pin:	50'4" x 19'7" x 12'6" 15350 x 5966 x 3800 mm
Weight:	~ 19.0 t.sh / ~ 17.0 t
Throughput (dependent on material)	
Throughput performance:	to 220 yd ³ /h to 170 m ³ /h

JOKER

HYDRAULIC TROMMEL SCREEN



The Joker screening machine is an entry-level product in the world of professional screening technology. Ease of mobility (mounted on single-axle trailer) as well as compact and rugged construction are distinguishing features of the Joker. The trommel screen is an excellent solution for gardening, landscaping and for smaller composting sites, and anywhere mobile screen technology is used.

- Sturdy frame, mounted on highly mobile single-axle trailer
- Opposing discharge belts for fine and oversized particles to save space
- Ease of transport with large pickup truck
- Solid punch plate drum or quick change screening segments available

	JOKER
Drive	
Diesel engine (kW / HP):	16.5 / 22
Material feeding - feed hopper	
Hopper volume:	> 3.0 yd ³ / > 2.3 m ³
Filling length:	> 8'6" / > 2635 mm
Filling height:	7'9" / 2350 mm
Screening drum	
Diameter:	5'11" / 1800 mm
Length:	8'0" / 2440 mm
Effective screening area:	108 ft ² / 10 m ²
Drum rpm:	14
Material discharge - max discharge height	
Coarse fraction:	7'0" / 2125 mm
Fine fraction:	7'11" / 2420 mm
Abmessungen L x W x H	
Transport dimensions:	25'1" x 8'4" x 12'6" 7650 x 2550 x 3800 mm
Working dimensions:	24'10" x 20'0" x 10'3" 7580 x 6100 x 3120 mm
Weight:	5.5 t.sh / 5.0 t
Throughput (dependent on material)	
Throughput performance:	to 65 yd ³ /h to 50 m ³ /h

MULTISTAR M2/M3

STAR SCREEN



The Multistar M3 and M2 star screen machines offer professional technology for the mid performance range. The features include mobility with mounting on a two-axle central trailer, a more than 6.5 yd³ / 5m³ loading hopper with low loading height and three separate folding discharge belts at the machine end (M2: Two fractions). The electric drive and the intelligent control with self-explanatory graphics provide a comfortable working environment. Servicing and maintenance work is simple and quick with the extendable motor unit, large side flaps and completely retractable discharge conveyor belts.

- Separation into three fractions (M3) with discharge of all fractions at the machine end
- High throughput with infinite adjustability with the "Cleanstar" system
- High flexibility by changing output size in seconds
- All-electric (Hybrid) drive for the highest energy efficiency and lowest operating costs
- Windsifting option available on M2

	M2	M3
Drive		
Electrical power input (kW / HP):	34 / 46	46 / 62
Diesel generator (kVA):	48	48
Material feeding - feed hopper		
Hopper volume:	> 6.5 yd ³ / > 5.0 m ³	
Filling length:	> 13'1" / > 4000 mm	
Filling height:	9'2" / 2800 mm	
Screen segments L x W / area		
Coarse screen:	-	7'0" x 3'9" / 26.1 ft ² 2132 mm x 1138 / 2.4 m ²
Fine screen:	14'10" x 3'9" / 54.9 ft ² 4522 mm x 1138 / 5.1 m ²	11'9" x 3'9" / 44.1 ft ² 3591 mm x 1138 / 4.1 m ²
Screen section (standard)		
Coarse particle:	> 1 5/32".....2 3/8" > 30...60 mm	> 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 / 1 5/32".....2 3/8" 0/30...60 mm	0 / 3/8".....1" 0/10...25 mm
Max. discharge heights		
Coarse fraction:	11'0" / 3350 mm	13'5" / 4100 mm
Medium fraction:	-	10'6" / 3200 mm
Fine fraction:	10'6" / 3200 mm	10'6" / 3200 mm
Transport dimensions		
L x W x H:	38'7" x 8'4" x 13'1" 11750 x 2550 x 4000 mm	37'9" x 8'4" x 13'1" 11500 x 2550 x 4000 mm
Weight:	~ 18.7 t.sh / 17.0 t	~ 18.7 t.sh / 17.0 t
Throughput (dependent on material)		
Throughput performance:	to 150 yd ³ /h to 115 m ³ /h	to 160 yd ³ /h to 120 m ³ /h

MULTISTAR L3

STAR SCREEN



The Multistar L3 is a further improvement of its line of Multistar star screens. 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 new features boost operating flexibility and simplify maintenance. Thus, cover panels don't just protect the components inside, they also serve as access doors for full access to all maintenance points. Other highlights include a cassette configuration of the screen decks for rapid changes, adding flexibility. The screen drive components are tougher, the fines discharge system has been redesigned, and the control setup is even more intuitive.

- Separation into two or three fractions with one machine, in one pass
- High flexibility with particle size changes in just seconds
- Perfect access to all maintenance positions
- Optional windsifters available on mid and overs fraction

	MULTISTAR L3
Drive	
Diesel generator (kVA/HP):	48/60/85 64/80/114 (option)
Material feeding	
Hopper volume:	~ 9.2 yd ³ / ~ 7 m ³
Filling length:	12'4" / 3750 mm
Filling height:	11'4" / 3450 mm
Screen segments L x W / area	
Coarse screen:	10'6" x 4'1" / 41 ft ² 3198 x 1200 mm / 3,85 m ²
Fine screen:	19'2" x 4'1" / 79 ft ² 5852 x 1250 mm / 7,3 m ²
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 ³ /h to 191 m ³ /h

MULTISTAR XL3

STAR SCREEN



The XL3 adds to Komptech's line of large star screens. The extra long coarse deck increases throughput especially in mulch & biomass. The high performance and a semitrailer design for easy transport make the new XL3 perfect for the U.S. market. The XL3 offers unmatched flexibility and productivity with market-leading low energy consumption.

- New middle position fines conveyor increases separation between products
- High throughput with precise selectivity thanks to the "CLEANSTAR" system
- All-electric drive for highest energy efficiency and lowest operating costs
- Added flexibility with adjustable metering drum
- New longer robust discharge conveyor deposits over-sized fraction away from the machine

MULTISTAR XL3	
Drive	
Diesel generator (kVA HP):	60/80 80/107 (option)
Material feeding	
Hopper volume:	~ 9.2 yd ³ / ~ 7 m ³
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 ² 5000x1200 mm / 6,1 m ²
Fine screen:	19'0"x4'1" / 77.5 ft ² 5453x1250 mm / 6,8 m ²
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 ³ /h to 287 m ³ /h

MULTISTAR XXL-2

STAR SCREEN



The Multistar XXL-2 is designed as a pure 2-fraction star screen and gives high performance, with unmatched throughput. The XXL-2 is purpose built to keep up with the high throughput of large grinders in the mulch market. This one step process increases output and lowers production costs.

- Plug-ins for electric stacking conveyors to be run directly off the machine
- Optional 20 yd³ hopper for high capacity loading
- Hybrid technology for the lowest operating costs
- Multifunctionality through numerous options - magnetic pulleys, windsifter, or a stone trap
- Change screen deck in under an hour with one piece cassette

MULTISTAR XXL-2	
Drive	
Diesel generator (kVA HP):	60 80 (optional 80 107)
Material feeding	
Hopper volume:	~ 13 yd ³ (optional 20) / ~ 10 m ³ (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 ² 7000x1600 mm / 11,2 m ²
Screen section	
Override particle:	> 5/8".....1 5/32" > 15.....30 mm
Undersize particle:	0 / 5/8".....1 5/32" 0 / 15.....30 mm
Max. discharge heights	
Override 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 ³ /h to 500 m ³ /h

MULTISTAR XXL3/XXXL3

STAR SCREEN



The Multistar XXL3 and XXXL3 are the top line of high-performance star screens from Komptech. The machines are designed for the most demanding operation with the highest throughput, while retaining the benefits of mobility. Heavy-duty components for continuous operation, large screen decks with wide discharge belts and a powerful, but extremely economical electric drive via diesel generator all ensure maximum throughput. The end result: Unbeatably low operating costs at full production.

- Standard 20 yd³ hopper for high capacity loading
- Patented "CLEANSTAR" system allows for processing very wet material
- Hybrid technology with dual power capability
- Multifunctionality through numerous options - magnetic pulleys, windsifter, or a stone trap
- Optional track chassis available

	MULTISTAR XXL3	MULTISTAR XXXL3
Drive		
Diesel generator (kVA HP):	100 134	135 181
Material feeding		
Hopper volume:	~ 16 yd ³ / ~ 12 m ³	~ 20 yd ³ / ~ 15 m ³
Filling length:	13'1" and 19'0"	13'1" and 19'0"
Filling height:	4000 and 5800 mm	4000 and 5800 mm
Filling height:	12'2" / 3700 mm	12'2" / 3700 mm
Screen segments L x W / area		
Coarse screen:	16'9"x4'1" / 66 ft ² 5064x1200 mm/6.1 m ²	16'9"x5'7" / 94 ft ² 5100x1700 mm/8.7 m ²
Fine screen:	29'2"x4'1" / 117 ft ² 8911x1250mm/11.2 m ²	29'3"x5'7" / 163 ft ² 8911x1700mm/15.1 m ²
Screen section		
Coarse particle:	> 2 3/8".....3 1/2" > 60.....90 mm	> 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	3/8".....1" / 2 3/8".....3 1/2" 10.....25 / 60.....90 mm
Fine particle:	0 / 3/8".....1" 0 / 10.....25 mm	0 / 3/8".....1" 0 / 10.....25 mm
Max. discharge heights		
Coarse fraction:	11'10" / 3600 mm	11'10" / 3600 mm
Medium fraction:	11'10" / 3600 mm	11'10" / 3600 mm
Fine fraction:	10'6" / 3200 mm	10'6" / 3200 mm
Dimensions L x W x H		
Transport dimension:	44'11"x8'4"x13'1" 13700x2550x4000 mm	35'3"x10'0"x13'1" 10750x3050x4000mm
Weight:	~ 28.6 t.sh / ~ 26,0 t	~ 33.0 t.sh / ~ 30,0 t
Throughput (dependent on material)		
Throughput performance:	to 530 yd ³ /h to 400 m ³ /h	to 660 yd ³ /h to 500 m ³ /h

TOPTURN X55

TURNER FOR TRIANGULAR WINDROWS



The Topturn is one of the most widely used compost turners in the world. With the new X55 we are further extending our position. Inspired by our customers, this third generation of the Topturn offers top performance with complete comfort and convenience.

The 330 HP engine meets 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 X63

TURNER FOR TRIANGULAR WINDROWS



The Topturn X63 as a successor of the X60 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 X67

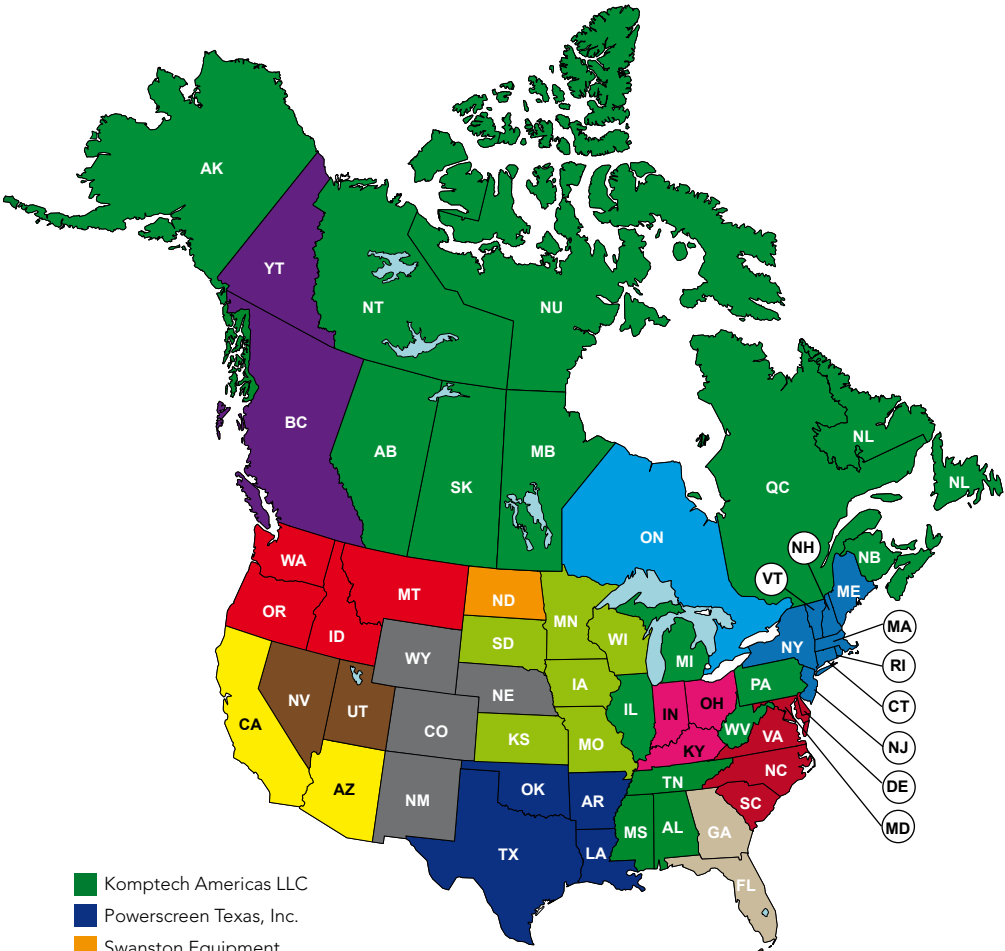
TURNER FOR TRIANGULAR WINDROWS



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. Next generation Topturn X70 coming soon.

- 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 X55	TOPTURN X63	TOPTURN X67
Drive			
Diesel engine:	CAT® C9.3 Tier 4 Final/Stage IV or Tier 3/Stage IIIA	CAT® C13 Tier 4 Final/Stage IV or Tier 3/Stage IIIA	CAT® C13 Tier 4 Final/Stage IV or Tier 3/Stage IIIA
Power (kW / HP):	242 / 330	287 / 390	328 / 446
Turning device			
Drum diameter:	47" / 1200 mm	47" / 1400 mm	59" / 1750 mm
Drum rpm:	0-195	0-195	0-160
Windrow dimensions			
Max. windrow width:	16'5" or 17'5" / 5000 or 5300 mm (others on request)	18'8" or 19'8" / 5700 or 6000 mm (others on request)	21'0" / 6400 mm
Max. windrow height:	8'2" / 2500 mm	9'2" / 2800 mm	10'2" / 3100 mm
Max. windrow cross-section:	84 ft² / up to 7.8 m²	~100 ft² / up to 9 m²	up to 113 ft² / up to 10 m²
Travelling speeds (I standard, II optional)			
Wheel:	I: 0-2.5 II: 0-4.4 mph / I: 0-4 II: 0-6 km/h	I: 0-2.5 II: 0-3.7 mph / I: 0-4 II: 0-6 km/h	I: 0-2.5 II: 0-5.0 / I: 0-4 II: 0-8 km/h
Track:	I: 0-2.5 mph / I: 0-4 km/h	I: 0-2.5 mph / I: 0-4 km/h	I: 0-2.5 / I: 0-4 km/h
Dimensions L x W x H			
Transport dimensions Wheel:	17'11" x 9'10" x 10'9" / 5457 x 2996 x 3284 mm	20'2" x 9'10" x 11'11" / 6155 x 2996 x 3635 mm	22'2" x 9'10" x 11'8" / 6750 x 3000 x 3450 mm
Transport dimensions Track:	17'11" x 8'4" x 10'8" / 5457 x 2548 x 3253 mm	20'2" x 8'4" x 11'10" / 6155 x 2548 x 3607 mm	22'2" x 9'10" x 11'8" / 6580 x 3000 x 3560 mm
Working dimensions Wheel:	14'1" x 17'7" x 14'10" / 4300 x 5350 x 4525 mm	14'1" x 20'0" x 15'10" / 4303 x 6091 x 4815 mm	16'4" x 22'2" x 17'7" / 4970 x 6750 x 5450 mm
Working dimensions Track:	13'1" x 17'7" x 14'4" / 3980 x 5350 x 4380 mm	13'0" x 19'8" x 15'8" / 3973 x 6003 x 4780 mm	15'6" x 22'2" x 17'7" / 4720 x 6750 x 5350 mm
Weight			
	Wheel: ~ 17.5 t.sh / ~ 16 t Track: ~ 18.0 t.sh 7 ~ 16.5 t	Wheel: ~ 19.8 t.sh / ~ 18 t Track: ~ 20.6 t.sh / ~ 18.7 t	Wheel: ~ 23.0 t.sh / ~ 21.0 t Track: ~ 23.5 t.sh / ~ 22.0 t
Throughput (dependent on material)			
Throughput performance:	to 5200 yd³/h / to 4000 m³/h	to 5800 yd³/h / to 4500 m³/h	up to 6540 yd³/h / up to 4500 m³/h



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- Midwest Re-Con
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- Power Equipment Utah Branch
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