



MULTI-FRACTION STAR SCREENS
FOR MULCH AND ORGANICS

MULTISTAR

HIGHLIGHTS

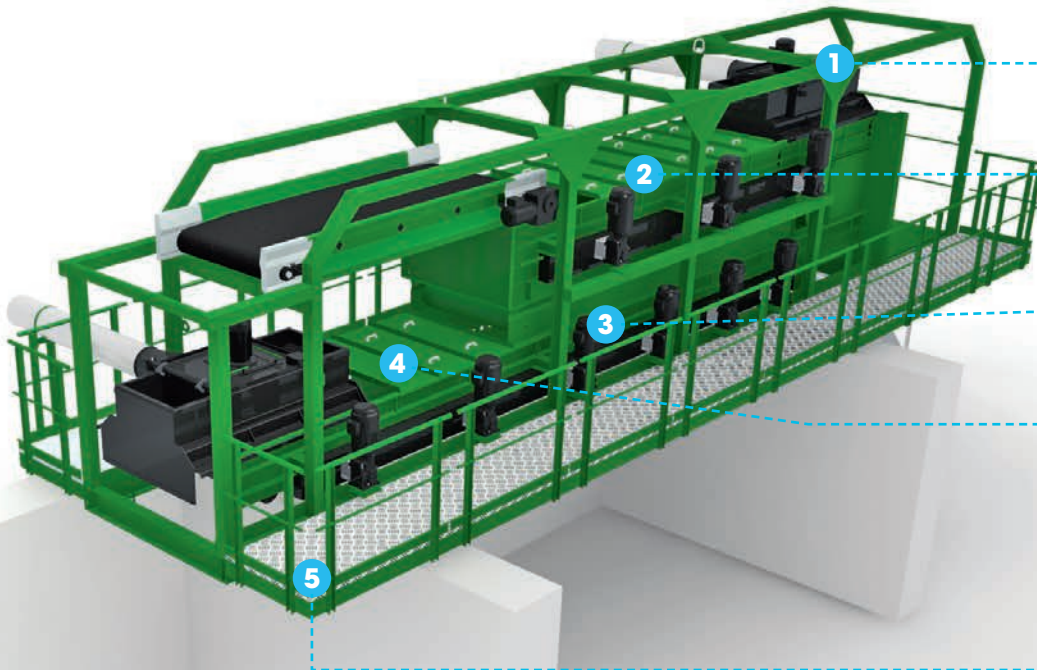
- Efficiently screen mulch, compost, soil, green waste, wood waste, and land clearing debris
- Select two, three or four fractions, windsifting or magnet-separation in a stationary star screen
- Cleanstar cleaning system for high throughput and precise selectivity – even with moist materials
- Simple speed control at the screen deck to change output particle size in seconds

Multistar star screens lead the industry in operational performance and efficiency. They deliver reliable and quiet material separation of compost, mulch, soil, and biomass materials. The core of the star screens consists of one or more screen decks, depending on the model.

With star shafts powered by electric motors and frequency converters, Multistar screeners ensure efficiency and cost-effectiveness. Their modular design allows for customization, with screen decks, feed metering containers, wind sifters, and stone/magnet separators, producing up to four distinct fractions in a single operation.



Komptech Multistar Technology Overview



- 01** Windsifters for mids and overs fractions (option)
- 02** Overs screen deck with elastic rubber stars and cleaning finger elements
- 03** Screen deck driven by electric motors with frequency converter
- 04** Fines screen deck with elastic rubber stars and cleaning finger elements
- 05** Variable design of machine service platforms

KOMPTECH STATIONARY MULTISTAR / Technical Specifications

Machine Model	MULTISTAR 3-SE	MULTISTAR 2-SE
Power		
Electrical Power:	40 kW / 53.6 HP	22 kW / 29.5 HP (Fines) or 12 kW / 16 HP (Overs)
Proportion		
Screen Unit Length:	19'2" (Fines) or 13'1" (Overs)	19'8" (Fines) or 19'2" (Overs)
Screen Unit Width:	4'1" (Fines) or 3'11" (Overs)	4'1" (Fines) or 3'11" (Overs)
Screen Unit Area:	78.6 ft ² (Fines) or 51.7 ft ² (Overs)	80.7 ft ² (Fines) or 70.3 ft ² (Overs)
Screen Segments (Fines):	8 20	8 20
	10 25	10 25
Screen Segments (Overs):	20 50	20 50
	30 60	30 60
	60 90	60 90
	90 120	90 120
	120 150	120 150
Performance (dependent on material)		
Maximum Throughput:	~327 yd ³ /hr	~235 yd ³ /hr