

The star screen pros

The Komptech-product line of mobile star screens



KOMPTECH

TECHNOLOGY FOR A BETTER ENVIRONMENT



HIGHLIGHTS



- » Separation into two or three fractions on one machine, in one pass
- » High flexibility with particle size changes in just seconds
- » Wide range of application: woody biomass, compost, bark, wood chips, waste wood, waste (pre-shredded)
- » Outstanding energy efficiency and minimal noise and exhaust emissions



SCREENING WITH STARS

Screening is a fundamental treatment stage in the processing of waste, recyclables and biomass. Star screen technology is increasingly used for the job, and in most cases the screener is a Multistar. The reason is simple - one machine and one pass are sufficient to divide the material into two or three fractions. Thanks to the patented cleaning system CLEANSTAR, throughput and selectivity are high, even with moist material.

To change the particle size, the operator just presses a button – the machine does the rest. The electrical drive gives quiet, efficient and economical operation. With a host of options, there is a configuration that is ideal for virtually any application and system size. Magnet separation, wind sifting and separation of the rolling fraction make star screens multi-functional workhorses.





A
Hopper with scraper conveyor and active metering drum

B
Screen deck-drive via electric motors with frequency converter

C
Fine screen with elastic stars and cleaning elements

D
Energy supply: Diesel generator or mains operation

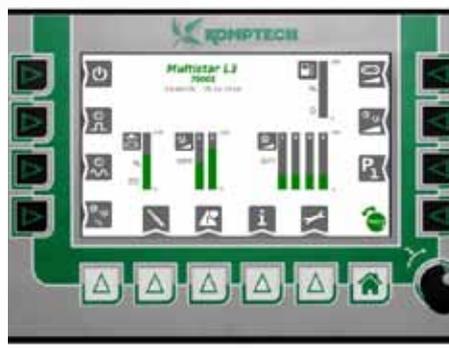
E
Coarse screen with robust screen stars



01

Extremely efficient

High throughput plus low operating costs equals the highest operating efficiency. The hopper, feed system, and design and dimensions of the screen decks combine to form a compact unit with virtually unbeatable throughput. Effective wear protection of all parts in contact with material and an efficient diesel-electric drive system ensure the lowest operating costs.



02

From fine to coarse

Particle size can be controlled by varying the rotation speed of the star shafts. In just seconds the particle size can be changed within the range provided by the star size, using the touchscreen graphic control panel. The different star dimensions and arrangements cover screening sections from 8-150 mm.



03

Always unclogged thanks to CLEANSTAR

The screen units are continually cleaned by the simple and efficient patented CLEANSTAR cleaning system. Each star has a wear-resistant cleaning finger that clears the screen gap to the surrounding stars on each rotation, so screening is always in season with Multistar star screens.

Our mobile star screens: The right size for everyone

MULTISTAR HOOK



Drive	12 kW
Screen area	5.85 m ²
Throughput	up to 150 m ³ /h

MULTISTAR S3 NEW



Drive	38 / 50 kVA (Option)
Coarse screen area	2.1 m ²
Fine screen area	3.9 m ²
Throughput	up to 100 m ³ /h

MULTISTAR M3



Drive	48 kVA
Coarse screen area	2.4 m ²
Fine screen area	4.1 m ²
Throughput	up to 120 m ³ /h

MULTISTAR L3 NEW



Drive	60 kVA
Coarse screen area	3.85 / 5.45 m ² (Option)
Fine screen area	7.3 m ²
Throughput	up to 250 m ³ /h

MULTISTAR XL3



Drive	60 kVA
Coarse screen area	6.1 m ²
Fine screen area	6.8 m ²
Throughput	up to 300 m ³ /h

MULTISTAR XXL2



Drive	60 kVA
Screen area	11.2 m ²
Throughput	up to 500 m ³ /h

MULTISTAR XXL3



Drive	100 kVA
Coarse screen area	6.1 m ²
Fine screen area	11.1 m ²
Throughput	up to 400 m ³ /h

MULTISTAR 2-SE



Drive	12 kW
Coarse screen area	7.5 m ²
Fine screen area	7.0 m ²
Throughput	up to 150 m ³ /h

MULTISTAR 3-SE



Drive	40 kW
Screen area	1.2 up to 15 m ²
Throughput	up to 250 m ³ /h



Komptech GmbH
 Kühau 37, A-8130 Frohnleiten
 [t] +43 3126 505 - 0
 [f] +43 3126 505 - 505
 [e] info@komptech.com
 www.komptech.com