KOMPTECH
TECHNOLOGY FOR A BETTER ENVIRONMENT

MULTISTAR L3

MOBILE STAR SCREEN

WIDE RANGE OF APPLICATION
EXACT SCREENING
LOW OPERATING COSTS
MULTI-FUNCTIONAL

HIGHLIGHTS

- Separation into two or three fractions on one machine, in one pass
- High throughput and precise selectivity with the CLEANSTAR system
- High flexibility with particle size changes in just seconds
- Perfect access to all maintenance positions
- Multi-functional with numerous options
- Perfectly suited for the preparation of biomass fuel

green efficiency®

THE NEW **MULTISTAR L3**

The new 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. And then there's its impressive energy efficiency: All machine components are electrically driven. The power can come from the grid for the lowest cost, or from the on-board generator where grid power isn't available.

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.

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

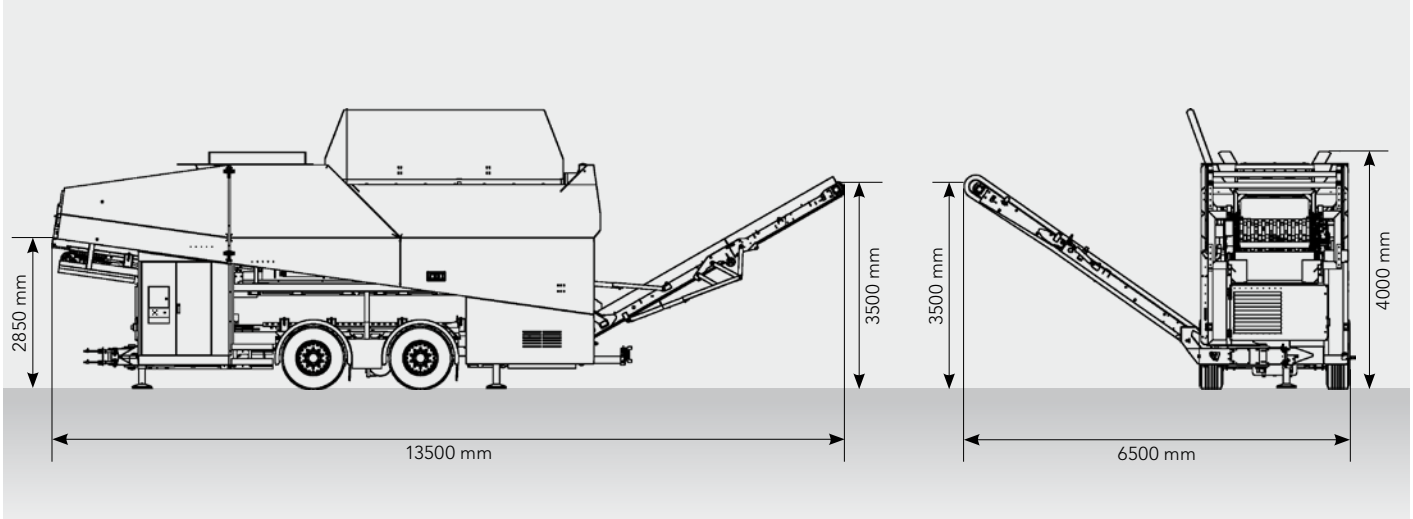
Particle size can be controlled by varying the rotation speed of the star shafts. In just seconds the particle size can be changed within the range provided by the star size, using the touchscreen graphic control panel. The different star dimensions and arrangements cover screening sections from 8-150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

TECHNICAL SPECIFICATIONS



	MULTISTAR L3
Drive	
Diesel generator (kVA):	48/60/85 (option)
Material feeding	
Hopper volume (m^3):	~ 7
Filling length (mm):	3750
Filling height (mm):	3450
Screen segments	
Coarse screen L x W (mm) / area (m^2):	3198 x 1200 / 3,85
Fine screen L x W (mm) / area (m^2):	5852 x 1250 / 7,3
Screen section	
Coarse particle (mm):	> 60.....90
Medium particle (mm):	10.....25 / 60.....90
Fein particle (mm):	0 / 10.....25
Material discarge	
Max. discharge height coarse fraction (mm):	2850
Max. discharge height medium fraction (mm):	3500
Max. discharge height fine fraction (mm):	3500
Dimensions	
Transport dimensions L x W x H (mm):	11500 x 2550 x 4000
Working dimensions L x W x H (mm):	13600 x 6500 x 4000
Weight (t):	~ 21,0
Throughput (dependent on material)	
Throughput performance (m^3/h):	up to 250
Options	
Different screen options for coarse and fine screen, magnetic drum, discharge belt for rolling pieces, windsifter, diesel generator towing and chassis options, radio remote control, central lubrication and more	

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