



THE NEW MULTISTAR L-Series



Star screens with electric drive

Our products have been setting standards since star screen technology was introduced into waste processing. At the heart of our technology are the screen decks with their reliable cleaning system and our **many years of experience** in the manufacturing of electric mobile machines.

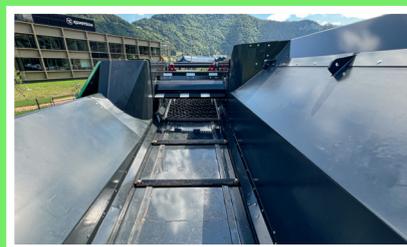
The new L generation shows that proven technology can be improved even further – through **consistent customer focus**. An optimally usable feed hopper, higher screening performance thanks to staggered screen decks and access to the engine and coarse screen deck integrated into the frame are immediately impressive; further innovations prove their strength in daily use.

The **range of variants and options** is **greater than ever**: extended coarse screen decks on the L3-L and XL3, options such as wind sifters, rolling separators or return conveyors, and the Trailer and Track chassis variants guarantee the right machine for every requirement.



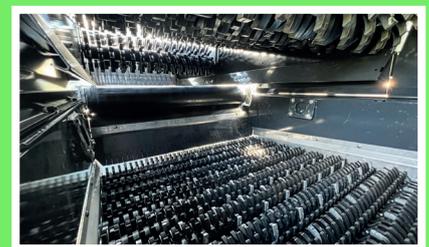
01 | Engine

- Powerful Perkins diesel engine without AdBlue
- Allows mains operation without using the diesel engine
- Optimized access to the engine due to integrated steps



02 | Hopper

- Low feeding height (3.3 m) and large hopper volume (up to 10 m³)
- Scraper chain conveyor with replaceable scraper bars
- Option: Conveyor belt as an alternative to chain conveyor



03 | Screen decks

- Coarse screen deck arranged in 2 or 3 segments (cartridge design)
- Fine screen deck arranged in 3 segments (cartridge design)
- Electric drive with oil-free chains

Wide range of applications



Compost

The rotation speed of each of the three screen segments in the **fine screen deck can be precisely adjusted**, resulting in high separation efficiency. The staggered, slightly ascending arrangement increases throughput, and an **optimally positioned wind sifter** at the end of the screen deck ensures reliable plastic separation.



Woody biomass

No worries with bulky material: a long and **deep feed hopper** with a volume of up to 10 cubic metres makes feeding easy, the optional overload wall prevents spillage, and a **scraper chain conveyor in conjunction with a metering drum** ensures consistent transfer to the screen deck.



Waste wood

In this application, **new star types with an adapted cleaning system** increase service life: a specific design and the connection between the stars prevent wrapping and the resulting damage to the screen deck.



04 | Discharge system

- Coarse fraction: Option discharge conveyor or return conveyor
- Magnet drum for all discharge conveyor belts available
- Integrated wind sifter as option for coarse and medium fraction



05 | Control

- 7" color touchscreen with intuitive operation
- Storage of screen settings for consistent output quality
- Radio remote control with all relevant operating functions



06 | Frame & chassis

- Sturdy chassis with robust support legs for secure positioning
- Integrated access to the engine, hopper and coarse screen
- Mobility: towed (Trailer) and self-propelled (Track)

MULTISTAR MODEL

	L3 ▼	L3-L ▼	XL3 ▼
Drive			
System	diesel-electric / electric	diesel-electric / electric	diesel-electric / electric
Power (kW/HP)	55/75	55/75	55/75
Material feeding			
Hopper volume (m ³)	up to 10	up to 10	up to 10
Feeding height (mm)	3,300	3,300	3,300
Coarse screen			
Length x Width (mm)	3,750 x 1,200	4,820 x 1,200	5,625 x 1,200
Screening area (m ²)	4.5	5.9	6.75
Fine screen			
Length x Width (mm)	6,000 x 1,250	6,400 x 1,250	6,000 x 1,250
Screening area (m ²)	7.5	8	7.5
Material discharge			
Max. discharge ht. coarse fraction (mm)	2,700	2,700	2,700
Max. discharge ht. medium fraction (mm)	3,550	3,550	3,550
Max. discharge ht. fine fraction (mm)	3,550	3,550	3,550
Dimensions transport position			
Trailer – L x W x H (mm)	12,000 x 2,550 x 4,000	12,000 x 2,550 x 4,000	–
Track – L x W x H (mm)	10,000 x 2,800 x 3,700	–	11,650 x 2,800 x 3,700
Dimensions working position			
Trailer – L x W x H (mm)	14,170 x 6,680 x 4,000	15,210 x 6,680 x 4,000	–
Track – L x W x H (mm)	14,170 x 6,800 x 3,700	–	15,840 x 6,800 x 3,700
Weight			
Trailer (t)	up to 25	up to 25	–
Track (t)	up to 28	–	up to 28
Throughput			
Throughput (m ³ /h)	up to 250	up to 250	up to 300

