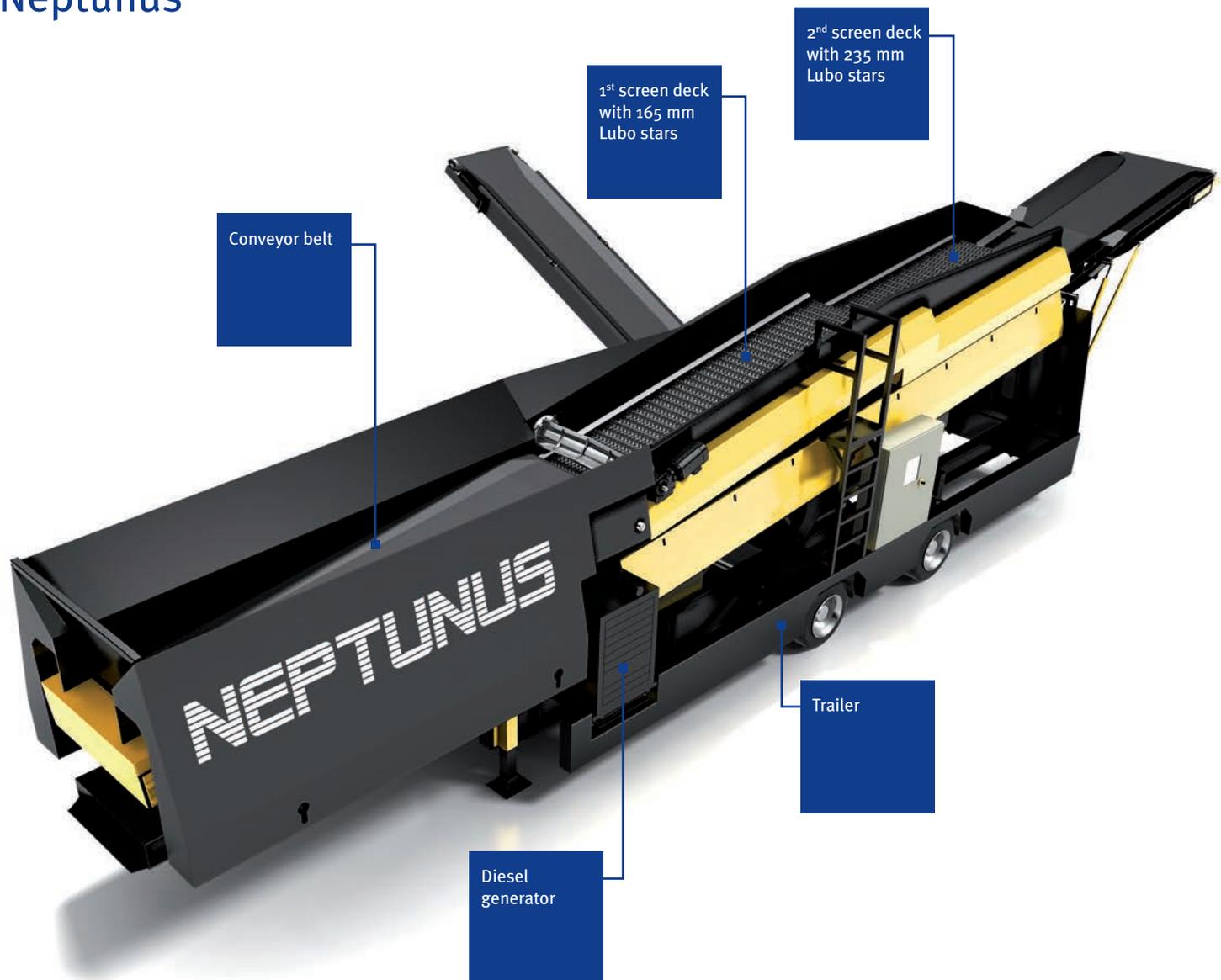


Lubo
Mobile Screening
Solutions:
The Neptunus

Neptunus



The turn-key solution for mobile sorting

As a mobile screen solution the Neptunus is ideally suited to cost-efficient processing of materials such as compost, asphalt, clay, sludge, soil and kiln slag. This system offers a processing capacity up to about 250 m³ per hour, depending on the composition, the specific weight and the feed rate of the materials.

We supply the Neptunus as a complete turnkey unit on a trailer with pneumatic suspension. The trailer has ABS and two axles for smooth and safe transport on public roads, and is able to gain easy access to smaller locations.

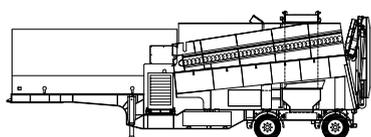
The Neptunus comprises a bunker of 5 m³ and can - as an extra option - be equipped with a rotating spreader for even more efficient transport to the star screen.

A high transport rate for the materials and the variable speed control of the electric motors guarantee an optimum result with a fraction size from approximately 6 mm.

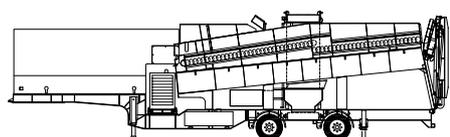
The Neptunus is available with a single large star screen deck or with a two-piece star screen deck with a cascade. The machine is available in a two or three fraction model. The final fractions are removed with a conveyor belt.

Specifications

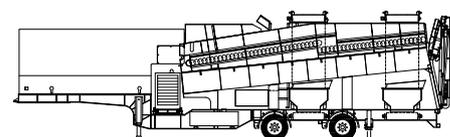
Neptunus	SDL 5000 - 2	SDL 7400 - 2	SDL 7400 - 3
Material feeding - feed hopper			
Hopper volume (m ³):	~ 5	~ 5	~ 5
Filling length (mm):	4,000	4,000	4,000
Filling length (mm):	3,400	3,400	3,400
StarScreen® dimensions			
First screen deck L x W (mm) / area (m ²):	5,000 x 1,240 / 5.8	4,500 x 1,240 / 5.2	4,500 x 1,240 / 5.2
Second screen deck L x W (mm) / area (m ²):	-	3,000 x 1,240 / 3.5	3,000 x 1,240 / 3.5
Screening fractions			
Overs (coarse fraction in mm):	> 10...25	> 10...25	> 60...80
Unders 1 (fine fraction in mm):	< 10...25	< 10...25	< 10...25
Unders 2 (middle fraction in mm):	-	-	> 10...25 & < 60...80
Dimensions			
Transport dimensions L x W x H (mm):	10,550 x 2,535 x 4,000	12,850 x 2,535 x 4,000	12,850 x 2,535 x 4,000
Working dimensions L x W x H (mm):	11,050 x 6,300 x 4,000	13,350 x 6,300 x 4,000	13,350 x 6,300 x 4,000
Weight (t):	18	21	23
Throughput			
Throughput performance (m ³ /h): (depending on material)	up to 180	up to 250	up to 250
Options			
Diesel generator (100 kVA), Screen deck variants (several screening sizes), Trailer, Tracks, Foldable discharge conveyor in line, Spreader semi-fixed, Spreader quick disconnect, Tipping grid, Covers on screen deck, Hydraulic legs, Compressor (compressed air for machine cleaning), Remote control (start-stop), Extended side conveyor, Dolly			
Models			



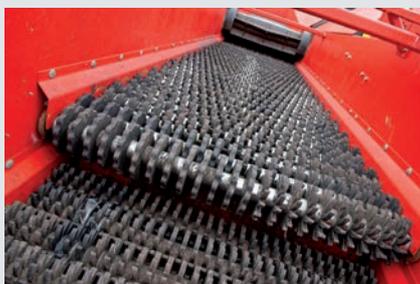
SDL 5000 - 2



SDL 7400 - 2



SDL 7400 - 3



The ongoing screen deck ensures that the materials are processed in a straight line. This leads to a better screening result and higher capacity.



A legally approved licence registration makes it possible to transport the Neptunus on the public highway without exemptions.



The open structure of the machine ensures that the parts can easily be accessed for maintenance work.

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Lubo Systems
SCREENING & RECYCLING

Bollegraaf Recycling Solutions is the trading name of Bollegraaf Recycling Machinery B.V. and Lubo Systems B.V.