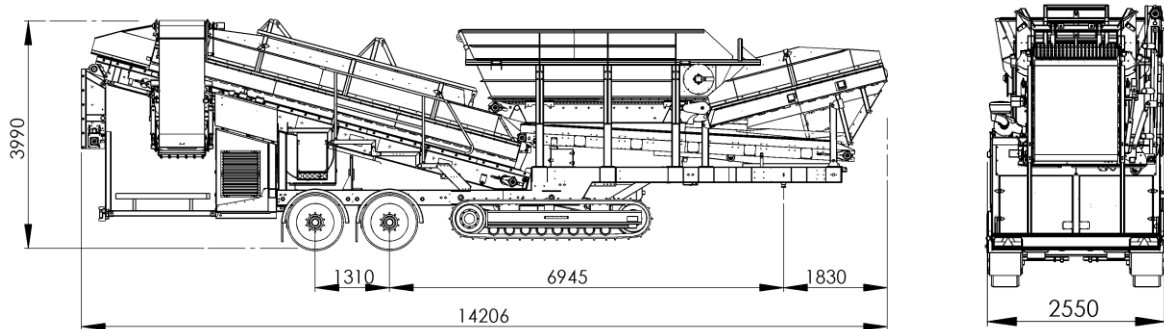


## Technical data sheet – Starscreen 3-mta

Starscreen 3 fractions, version mobile and track mobile



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### General

|                             |   |
|-----------------------------|---|
| <b>Throughput capacity:</b> | max. up to 150 t or 200 m <sup>3</sup> per hour                               |
| <b>Weight:</b>              | approx. 25 t  |
| <b>Construction form:</b>   | Trailer combined with tracks according to Road Traffic Licensing Regulation   |
| <b>Acceptances:</b>         | CE declaration / vehicle registration according to German road regulation (*) |

### Hopper

|                                 |   |
|---------------------------------|---|
| <b>Material to be conveyed:</b> | All forms of bulk material, compost, earth, rubbish etc. We recommend in cases of foreign pieces like stones, iron bigger than 400 mm a prior use of bar grid |
| <b>Capacity volume:</b>         | 5.00 m <sup>3</sup>   |
| <b>Hopper dimensions:</b>       | 1.20 m x 3.90 m below<br>1.80 m x 4.20 m above  |
| <b>Loading height:</b>          | 3.00 m (incl. grid 3.35 m)  |
| <b>Drive:</b>                   | Spur gears / Danfoss OM   |
| <b>Conveying speed:</b>         | Infinitely adjustable, automatic switch on / off in the event of overload.  |
| <b>Belt width:</b>              | 1.20 m  |
| <b>Profiling:</b>               | Profiled belt with smooth surface   |

### Starscreen

|                               |   |
|-------------------------------|---|
| <b>Starscreen fractions:</b>  | <b>Fraction 1:</b> 30 – 80 mm<br><b>Fraction 2:</b> 5 – 35 mm   |
| <b>Starscreen dimensions:</b> | <b>Screendeck 1:</b> 1.20 m x 3.20 m<br><b>Screendeck 2:</b> 1.20 m x 6.70 m  |
| <b>Drive:</b>                 | Danfoss OMS, high-quality roller chain with hardened, galvanized double sprockets   |
| <b>Bearing:</b>               | High quality flange bearings; bearing size depends on screening size. To get a longer life the bearings are provided with dots central lubrication. |
| <b>Chain boxes:</b>           | folding sidewise  |

### Fine conveyor belt

|                         |                       |
|-------------------------|-----------------------|
| (right hand side)       |                       |
| <b>Dimension:</b>       | 0.80 m x 4.10 m       |
| <b>Conveying speed:</b> | Infinitely adjustable |
| <b>Profiling:</b>       | Smooth                |
| <b>Drive:</b>           | Danfoss OM            |

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Starscreen 3 fractions, version mobile and track mobile

### Middle conveyor belt (\*)

(left hand side)

|                         |                       |
|-------------------------|-----------------------|
| <b>Dimension:</b>       | 1.20 m x 3.60 m       |
| <b>Conveying speed:</b> | Infinitely adjustable |
| <b>Profiling:</b>       | Smooth                |
| <b>Drive:</b>           | Danfoss OM            |

### Underbelt (\*)

|                         |                       |
|-------------------------|-----------------------|
| <b>Dimensions:</b>      | 1.20 m x 5.40 m       |
| <b>Conveying speed:</b> | Infinitely adjustable |
| <b>Profiling:</b>       | Smooth                |
| <b>Drive:</b>           | Danfoss OM            |

### Motor specification

|                           |                              |
|---------------------------|------------------------------|
| <b>Manufacturer:</b>      | Perkins 1106D-E66TA          |
| <b>Type:</b>              | 1106D                        |
| <b>Output:</b>            | 130 kW                       |
| <b>Emission standard:</b> | Certified as latest standard |
| <b>Cooling:</b>           | Water cooled                 |
| <b>Diesel tank:</b>       | 580 litres                   |

### Electrical control

|                                    |   |
|------------------------------------|---|
| <b>Presentation:</b>               | Graphical CAN-BUS colour display 6.5 “                        |
| <b>Function:</b>                   | With integrated CAN-BUS piloting system                       |
| <b>Operator switching cabinet:</b> | 0.50 m x 0.50 m x 0.21 m                                      |
| <b>Operation:</b>                  | Via manual operation / if preferred, radio remote control (*) |
| <b>Description:</b>                | simple use by automatic start-stop program                    |

### Hydraulics

|                         |   |
|-------------------------|---|
| <b>Pumps:</b>           | Bosch – Rexroth A10V0 Tandem  |
| <b>Valves:</b>          | Danfoss PVG 32  |
| <b>Cooling:</b>         | Hydraulic air cooling system  |
| <b>Filter:</b>          | pressure- and return flow filter  |
| <b>Hydraulics tank:</b> | 250 litres  |
| <b>Description:</b>     | Safety device through level switching off in case of losing hydraulic oil |

### Running gear

|                    |   |
|--------------------|---|
| <b>Tyres:</b>      | 385 / 55 R22.5                          |
| <b>Brakes:</b>     | Knorr ABS / EBS sensitised              |
| <b>Axles:</b>      | Tandem axle BPW / SAF max. 9 t per axle |
| <b>Suspension:</b> | Air suspension                          |
| <b>Tracks:</b>     | 0.50 m x 3.60 m                         |

### Varnish:

|                       |  |
|-----------------------|--|
| <b>Priming:</b>       | Eposist varnish  |
| <b>Final varnish:</b> | PU – finish varnish  |
| <b>Colouring:</b>     | daffodil yellow (RAL 1007) (**), black (RAL 9005) and galvanized parts |

\*(optional ordering possibility)

\*\* (optional in other colours available)