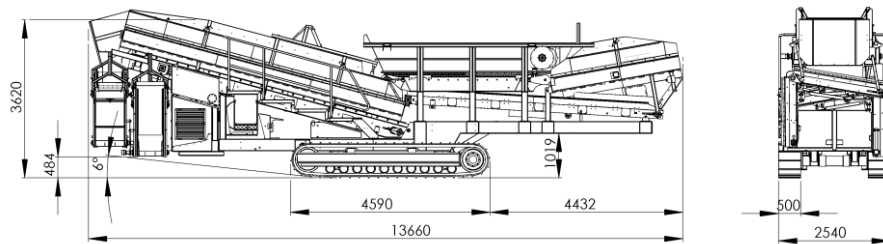


## Technical data sheet – Starscreen 3-tb

Starscreen 3 fractions, version on tracks



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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 (depends on equipment)
<b>Construction form:</b>	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 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 <b>Fraction 2:</b> 5 – 35 mm depends on customer request
<b>Starscreen dimensions:</b>	<b>Screendeck 1:</b> 1.20 m x 3.20 m <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 of central lubrication.
<b>Chain boxes:</b>	folding sidewise

### Fine conveyor belt

<b>(right hand side)</b>	
<b>Dimension:</b>	0.65 m x 4.10 m
<b>Conveying speed:</b>	Infinitely adjustable
<b>Profiling:</b>	Smooth
<b>Drive:</b>	Danfoss OM

## Technical data sheet – Starscreen 3-tb

Starscreen 3 fractions, version on tracks

### Middle conveyor belt (\*)

(left hand side)

**Dimension:** 0.65 m x 4.10 m  
**Conveying speed:** Infinitely adjustable  
**Profiling:** Smooth  
**Drive:** Danfoss OM

### Underbelt (\*)

**Dimensions:** 1.20 m x 5.90 m  
**Conveying speed:** Infinitely adjustable  
**Profiling:** Smooth  
**Drive:** Danfoss OM

### Motor specification

**Manufacturer:** Perkins 1106D - E66TA  
**Type:** 1106  
**Output:** 130 kW  
**Emission standard:** Certified as latest standard  
**Cooling:** Water cooled  
**Diesel tank:** 380 litres

### Electrical control

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

### Hydraulics

**Pumps:** Bosch – Rexroth A10V0 Tandem / Triplex combination (\*)  
**Valves:** Danfoss PVG 32  
**Cooling:** Hydraulic air cooling system  
**Filter:** pressure- and return flow filter  
**Hydraulic tank:** 250 litres  
**Description:** Safety device through level switching off in case of losing hydraulic oil

### Tracks:

**Dimension:** 0.50 m x 4.60 m  
 Machine is hydraulic retractable, the track is driven by remote control

### Varnish:

**Priming:** Eposist varnish  
**Final varnish:** PU – finish varnish  
**Colouring:** daffodil yellow (RAL 1007) (\*\*), black (RAL 9005) and galvanized parts

\*(optional ordering possibility)

\*\* (optional in other colours available)

