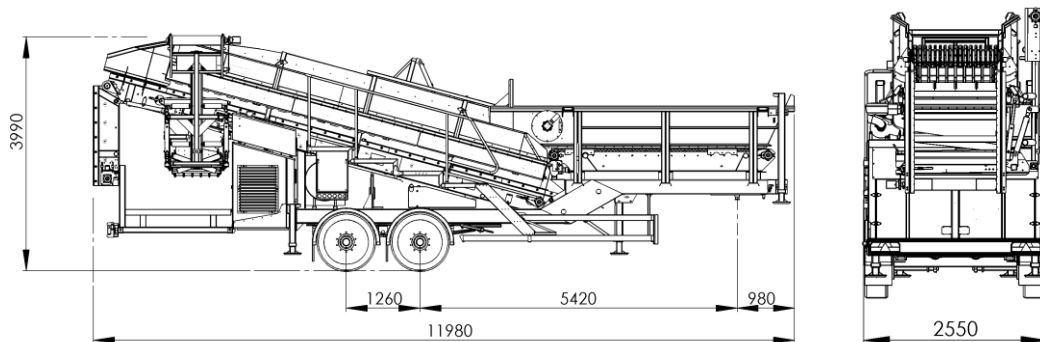


## Technical data sheet – Starscreen 2-ma

Starscreen 2 fractions, version mobile



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### General

<b>Throughput capacity:</b>	max. up to 200 m <sup>3</sup> per hour
<b>Weight:</b>	approx. 18 t (depends on equipment)
<b>Construction form:</b>	Alternatively as trailer or pulling bar machine 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 / vibration 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>	2.90 m (incl. Grid 3.25 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>	8 mm – 80 mm depends on customer request
<b>Starscreen dimensions:</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 protection:</b>	folding sidewise

### Fine conveyor belt

<b>(Right hand side)</b>	
<b>Dimensions:</b>	0.65 m / 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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## **Technical data sheet – Starscreen 2-ma**

Starscreen 2 fractions, version mobile

### **Over fraction belt (\*)**

(backward)

<b>Dimensions:</b>	1.20 m x 3.60 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>	1106
<b>Output:</b>	130 kW gross / 122 kW net
<b>Emission standard:</b>	Certified as latest standard
<b>Cooling:</b>	Water cooled
<b>Diesel tank:</b>	380 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
<b>Filter:</b>	pressure- and return flow filter
<b>Hydraulic tank:</b>	250 litres
<b>Description:</b>	Safety device through level switching off in case of losing hydraulic oil

### **Running gear**

<b>Tyres:</b>	315 / 60 R22.5
<b>Brakes:</b>	Wabco 2SM / 2M with ABS sensitised
<b>Axles:</b>	Tandem axle FAD / Trennkamp Gehle max. 8 t per axle
<b>Suspension:</b>	Gigant 160 / 80-1270PW

### **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)



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