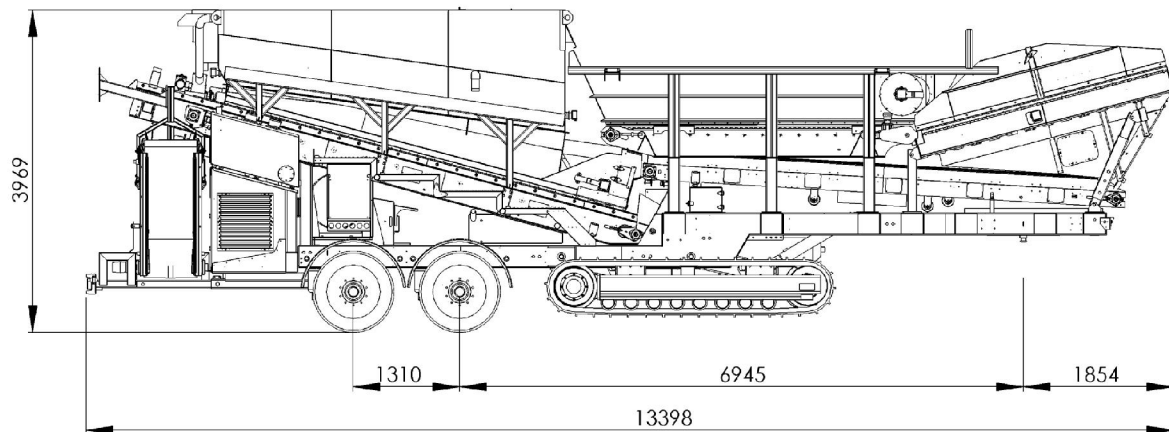


Technical data sheet – Starscreen 3-mtbc

Starscreen 3 fractions, version mobile and track mobile



Copyright by ISO 16016!

General

Throughput capacity:	max. up to 300 t or 200 m ³ per hour
Weight:	max. 30 t
Construction form:	Trailer combined with tracks according to Road Traffic Licensing Regulation
Acceptances:	CE declaration / vehicle registration according to German road regulation (*)

Hopper

Material to be conveyed:	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 and filling with an excavator
Capacity volume:	5.00 m ³
Hopper dimensions:	0.80 m x 1.88 m x 3.90 m
Loading height:	3.35 m
Drive:	Spur gears / Danfoss OM
Conveying speed:	Infinitely adjustable, automatic switch on / off in the event of overload.
Auger:	Optional infinitely adjustable to achieve optimum charging of the material. Use in compost, bark etc.
Belt width:	1.20 m
Profiling:	Profiled belt with smooth surface

Starscreen

Starscreen fractions:	Fraction I: 50 – 80 mm	Fraction II: 0 – 35mm depends on customer request
Starscreen dimensions:	Screendeck I: 1.20 m x 3.20 m	Screendeck II: 1.20 m x 6.70 m
Drive:	Danfoss OMS, high-quality roller chain with hardened, galvanized double sprockets	
Bearing:	High quality flange bearings, bearing size depends on screening size. To get a longer life the bearings are provided with dots of central lubrication. (*)	
Chain boxes:	folding sidewise	

Mix Unit

Volume:	approx. 7 t chalk or cement
Drive:	Danfoss OMR
Material supply:	The material which needs to get stabilized will be weight on a belt weighter. Depending on the weight the chalk / cement received the material by 2 augers about a rotor. Because of high-dust in the chalk / cement-case there is an exhaust system installed to exhaust the dust. Because of a hammer the mixture of the materials is optimal.



Technical data sheet – Starscreen 3-mtbc

Starscreen 3 fractions, version mobile and track mobile

Fine conveyor belt

(right hand side)

Dimension:	0.65 m x 3.75 m
Conveying speed:	Infinitely adjustable
Belt width:	0.65 m
Profiling:	Smooth
Drive:	Danfoss OM

Middle conveyor belt (*)

(left hand side)

Dimension:	0.65 m x 3.75 m
Conveying speed:	Infinitely adjustable
Belt width:	1.20 m
Profiling:	Smooth
Drive:	Danfoss OM

Underbelt (*)

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

Motor specification

Manufacturer:	Perkins 1106D - E66TA
Type:	1106
Output:	168 kW gross / 158 kW net
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
Hydraulic tank:	250 litres
Description:	Safety device through level switching off in case of losing hydraulic oil

Running gear

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

Varnish:

Priming:	Eposist varnish
Final varnish:	PU – finish varnish
Colour tone:	House colour RAL 1007, optional in other colour tones available (*)

*(optional ordering possibility)

