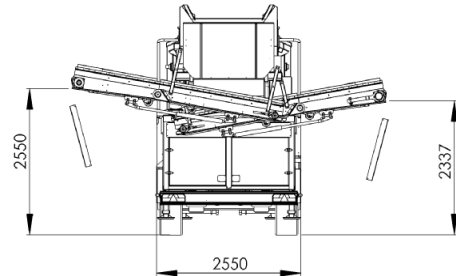
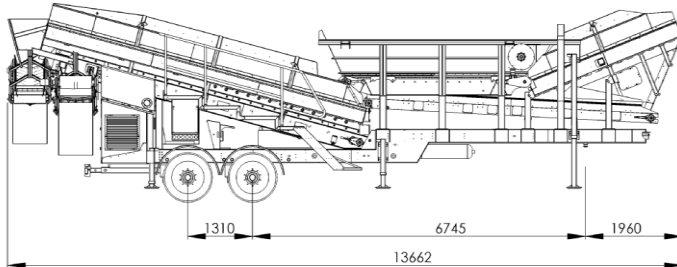


Technical data sheet – Starscreen 3-mb

Starscreen 3 fractions, version mobile



Copyright by ISO 16016!

General

Throughput capacity:	max. up to 150 t or 200 m ³ per hour
Weight:	approx. 20 t (depends on equipment)
Construction form:	Trailer 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
Capacity volume:	5.00 m ³
Hopper dimensions:	1.20 m x 3.90 m below 1.80 m x 4.20 m above
Loading height:	3.00 m (incl. grid 3.35 m)
Drive:	Spur gears / Danfoss OM
Conveying speed:	Infinitely adjustable, automatic switch on / off in the event of overload.
Belt width:	1.20 m
Profiling:	Profiled belt with smooth surface

Starscreen

Starscreen fractions:	Fraction 1: 30 - 80 mm Fraction 2: 5 - 35 mm depends on the customer request
Starscreen dimensions:	Screendeck 1: 1.20 m x 3.20 m Screendeck 2: 1.20 m x 6.70 m
Drive:	Danfoss OMS, high-quality roller chain with hardened, galvanized double chain wheels
Bearing:	High quality flange bearings; bearing size depends on screening size. To get a longer life the bearings are provided with dots of a central lubrication.
Chain boxes:	Folding sideways

Fine conveyor belt

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



Backers Maschinenbau GmbH
Tel. +49 (0)59 36 / 93 67-0
www.backers.de

Technical data sheet – Starscreen 3-mb

Starscreen 3 fractions, version mobile

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
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

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

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)



Backers Maschinenbau GmbH
Tel. +49 (0)59 36 / 93 67-0
www.backers.de