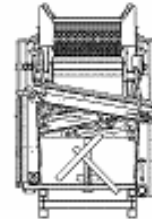
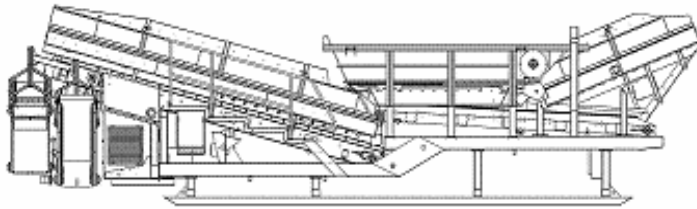


Technical data sheet – Starscreen 3-sb

Starscreen 3 fractions



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General

Throughput capacity:	max. up to 300 t or 200 m ³ per hour
Weight:	max. 15 t
Construction form:	Frame / skids

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 dimension:	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 fraction:	Fraction I: 50 – 120 mm	Fraction II: 0-35mm depends on customer request
Starscreen dimension:	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 protection:	folding sideways	

Fine conveyor belt

(left hand side)	
Dimension:	0.65 m x 5.10 m
Conveying speed:	Infinitely adjustable
Belt width:	0.65 m
Profiling:	Smooth
Drive:	Danfoss OM



Technical data sheet – Starscreen 3-sb

Starscreen 3 fractions

Middle conveyor belt (*)

(backward)	
Dimension:	1.20 m x 3.60 m
Conveying speed:	Infinitely adjustable
Belt width:	1.20 m
Profiling:	Smooth
Drive:	Danfoss OM

Underbelt (*)

Dimension:	1.20 m x 5.40 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

Pump:	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 case of losing hydraulic oil.

Varnish:

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

*(optional ordering possibility)

