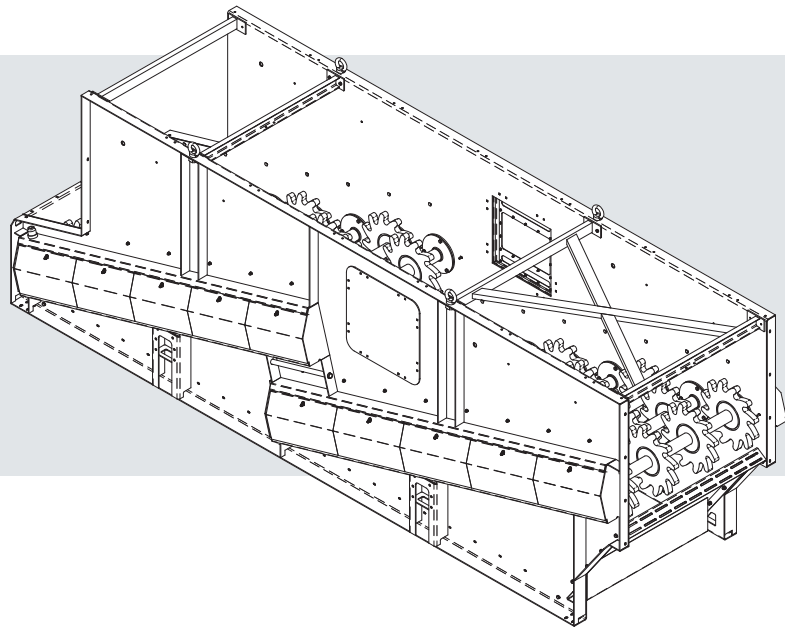


Technical information sheet

The OCC (Old Corrugated Cardboard) star screen is perfectly suited to separate large cardboard from the material flow. The over fraction is large cardboard. Paper, small cardboard and small material will be screened off. This particular screen is placed at the beginning of a sorting installation to separate large cardboard, making manual separation of large cardboard redundant.

Old Corrugated Cardboard Screen



Screening deck

The OCC screening deck consists of various axles, on which rubber stars are mounted. The stars have a diameter of 660 mm.

The screening size can be determined by means of the size of the stars, the interval between the stars and the rotation speed. This is approximately the size of a sheet of A3.

The feed of the OCC screen has a double setting of stars. On feeding the material, this prevents material with a medium size falling through the screening deck.

The star screen has an inspection door with an electric safety switch. The screen's drive is made of high quality materials. Standard, the Lubo star screen is driven by SEW motor reducers. The adjacent star axles will be driven by means of chains and gear wheels. The speed of the screening deck is variable due to the use of frequency transformers. The screen size can be set by adjusting the speed.

The screen uses the difference in size and rigidity of the material. The cardboard is hit over the screen by the stars and the paper slides between the stars.



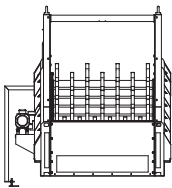
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Options as per your request

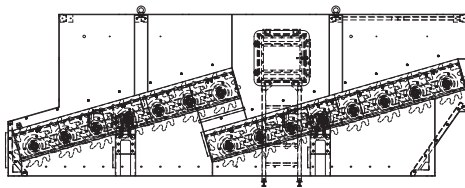
- A maintenance platform on both sides of the screen equipped with a railing which can be reached by a cage ladder.
- The top of the screen can be closed.
- Strip lighting (flame proof, 36 Watt, 110/230 Volt).
- A crane gantry to simplify replacing the star axes. The crane gantry has a travelling crab. A hoist can be attached to the travelling crab. Star axes can be hoisted in and out of the screening deck with the hoist.
- 2 emergency stop buttons.
- A working switch with feedback to the switch box to make the motors tension free.
- The screen can be supported on an open steel construction.
- A rubber overflow on the underside of the screen.
- An overflow on the discharge side of the screen with a plate thickness of 3 mm.

Specifications

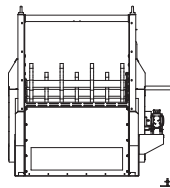
Type OCC screen	5600	7000	9000
Screen Length (mm)	5640	7230	9320
Screen Deck widths (mm)	1640 / 2040 / 2540	1640 / 2040 / 2540	1640 / 2040 / 2540
Total machine widths (mm)	2600 / 3000 / 3500	2600 / 3000 / 3500	2600 / 3000 / 3500
Total machine height (mm)	2550	2550	2550
Number of Decks	1	2	3
Thickness of side walls (mm)	8	8	8
Screen Size (variable by speedcontrol)	DIN A3	DIN A3	DIN A3
Screen Angle	16 degrees	16 degrees	16 degrees
Star Type / Diameter (mm)	Lubo OCC star 660	Lubo OCC star 660	Lubo OCC star 660
Spacer Diameter / Type	108 / 108S / 273	108 / 108S / 273	108 / 108S / 273
Inspection / Access Door (# x H x W)	1 x 1000 x 700 mm	1 x 1000 x 700 mm	2 x 1000 x 700 mm
Quick Disconnect	Not available	Not available	Not available
Drives 1640 & 2040 wide	2 x 5,5 kW	2 x 5,5 kW	3 x 5,5 kW
Drives 2540 wide	2 x 7,5 kW	2 x 7,5 kW	3 x 7,5 kW
Speed control	Variable by means of frequency regulators		



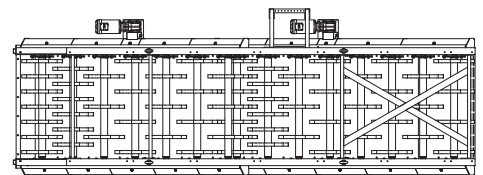
front view



side view



back view



top view

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