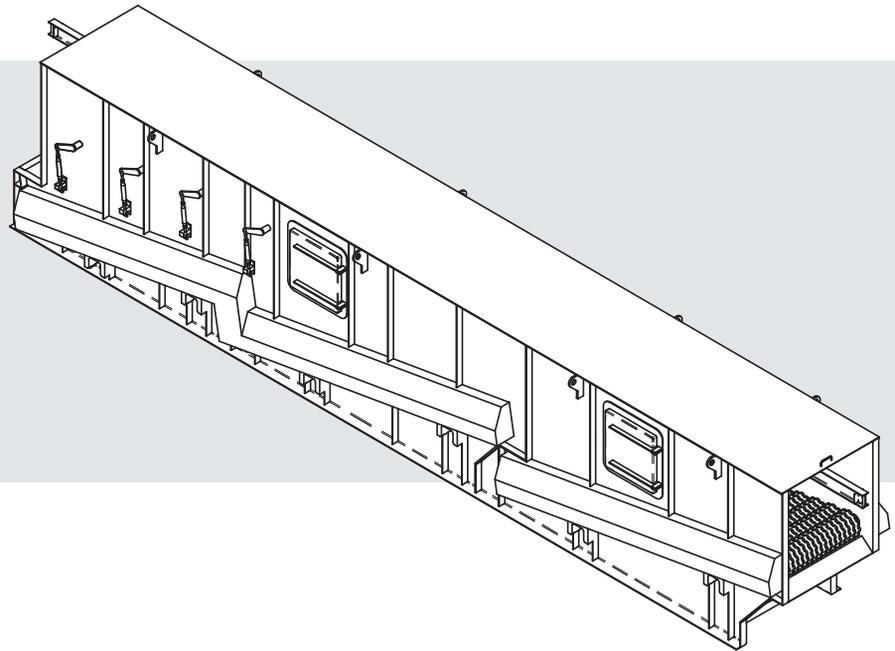


Technical information sheet

The Glass Breaker Screen was developed to break glass and screen it at 50 mm.

Optional is a 2nd screening deck that screens at 120 mm. The 2nd deck screens tin cans among other things, in preparation of separating metal.

Glass Breaker Screen



Screening deck

The glass breaker screen is basically a 2 deck star screen which is designed for breaking and screening the glass fraction in a waste stream.

For Breaking the glass the first deck is supplied with shafts with steel flower stars. The flower stars are made from very wear resistant Hardox steel and have a diameter from 330 mm.

The second deck is the screening deck and is standard provided with the conventional Lubo rubber stars, with a diameter from 235 mm. The optional 2nd screening deck has axles with rubber stars with a diameter of 330 mm. The star axles are made of solid steel. The star axles can easily be replaced using the patented Lubo Quick Disconnect.

Adjustable plates have been attached above the breaker deck. The material remains on the breaker deck for longer because it bumps against the plates and falls straight back down. As the material bounces against the breaker deck more frequently, it will break more easily.

Any funnels for the glass fraction will be made of Hardox steel.

To simplify replacing the star axles, the glass breaker has been fitted with a crane gantry. The crane gantry has a travelling crab. A hoist can be attached to the travelling crab. Star axles can be hoisted in and out of the screening deck with the hoist. The screen has an inspection door. The door has an electric safety switch. The screen is covered with steel lids. They are bolted to the frame.

The drive is made of high-quality materials. Standard, the Lubo star screen is driven by 5.5 kW SEW motor reducers. The adjacent star axles are driven by means of chains and sprockets. The speed of the screening deck is variable due to the use of frequency regulators. You can set the screen size by adjusting the speed.

Options as per your request

- An additional inspection door for access to the screen.
- Steel stars in the first metre of the second screen deck.
- A maintenance platform on both sides of the screen equipped with a railing which can be reached by a cage ladder.
- The screen's motors can be fitted with isolating switches for service.
- 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 funnel under the screen made of 5 mm thick Hardox plate.
- A funnel on the discharge side of the screen with a plate thickness of 4 mm Hardox plate.
- The screen's motors can be fitted with a brake.

Specifications

Type	GBS 3400	GBS 4300	GBS 5300	GBS 7300	GBS 11000
Star Screen Dimensions					
Available widths (mm)	1240, 1640 & 2040	1240, 1640 & 2040	1240, 1640 & 2040	1240, 1640 & 2040	1240, 1640 & 2040
Total length of machine (mm)	3400	4337	5336	7300	7300
Total height (mm)	2315	2315	2315	2315	2315
Thickness side walls (mm)	8	8	8	8	8
Screen angle (deg)	10	10	10	10	10
Breaking plates (#)	3	4	3	4	4
Drives (# x kW)	2 x 5,5 kW	2 x 5,5 kW	3 x 5,5 kW	4 x 5,5 kW	6 x 5,5 kW
(Speed variable by means of optional frequency regulators)					
Breaker Deck					
Deck length (mm)	3200	4200	2300	3200	3200
Star type & Diameter (mm)	Lubo Flower Star 330 mm				
Star Material	Hardox	Hardox	Hardox	Hardox	Hardox
Screening size (mm)	< 50mm				
1st Screen Deck					
Deck length (mm)	-	-	3000	4000	4000
Star type & Diameter (mm)	-	-	Lubo Star 235 mm	Lubo Star 235 mm	Lubo Star 235 mm
Star Material	-	-	Special Rubber Compount	Special Rubber Compount	Special Rubber Compount
Screening size (mm)	-	-	< 50mm	< 50mm	< 50mm
2nd Screen Deck					
Deck length (mm)	-	-	-	-	4000
Star type & Diameter (mm)	-	-	-	-	Lubo Star 330 mm
Star Material	-	-	-	-	Special Rubber Comp.
Screening size (mm)	-	-	-	-	< 120mm
Others					
Inspection door (#)	1	1	1	1	2
Quick Disconnect	Yes	Yes	Yes	Yes	Yes
Screen top covered	Yes	Yes	Yes	Yes	Yes
Crane track	Yes	Yes	Yes	Yes	Yes

Lubo Systems b.v.

Phileas Foggstraat 85, 7825 AW Emmen, The Netherlands

Tel: +31 (0)591 66 80 80, Fax: +31 (0)591 66 80 88

info@lubo.nl, www.lubo.nl