

ADVANTAGES

Efficient material separation

- The oscillating, freely mounted suspended horizontal screen box optimally distributes and separates the screened material

Modular design

- Multi-layer screens easily and quickly changed using the forward access doors. Decks can be individually changed without removing the other layers

Customisable to your requirements

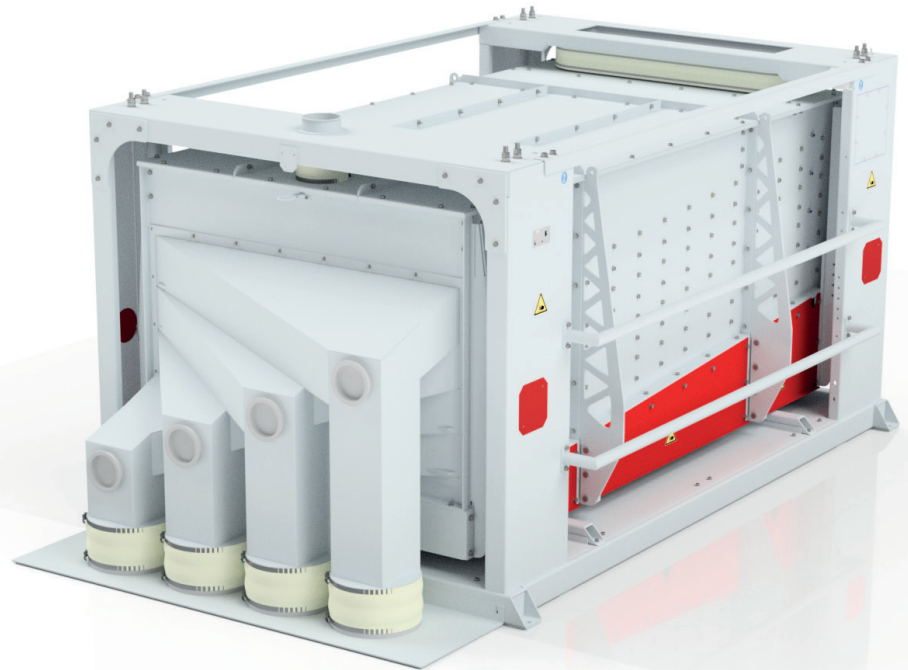
- Bulk materials with different properties (grain size, particle shape, density) can be optimally separated thanks to variable stroke and speed

Robust & durable

- Sturdy steel frame, low-wear design, reliable operation even under high loads

FEATURES

- Multiple screen layers (1-5), defined screen inclination
- Pneumatic screen clamping (optional)
- Aspiration connection
- Protective fence (optional)
- Screen changing device (optional)
- Double deck screening
- Rising sifter (optional)
- Available with mild steel fabrication and stainless steel deck or completely in stainless steel
- Reliable throughput: Self-cleaning screens thanks to integrated ball tapping device and/or ultrasound
- Flexible connection systems
- Wear protection (optional)
- Integrated position switch to prevent collisions
- Different screen cloths can be used (e.g. mesh, perforated plate, double nose)



OPERATING PRINCIPLE

- The materials are fed into the free-swinging, dust-tight screen box via an inlet with integrated distribution device
- The drive is provided by an electric motor with flywheel and imbalance, which causes the screen box to vibrate horizontally
- Screens can be removed from the front - easy replacement without removing other screens
- The screen surfaces are automatically cleaned by a ball beater and/or ultrasound - for consistently high efficiency
- Speed and stroke are variably adjustable - for optimum throughput and quality
- Can be optionally connected to an on-site aspiration system

APPLICATION

- Control screening, classification of free-flowing bulk solids of different grain sizes

TECHNICAL DATA

Type	Screen width	Screen length	Screen area per screen level	Number screen levels	Number outlets	Screen clamping	Weight	Dimensions (LxWxH)
SIK500x1200-2	500 mm	1.200 mm	0,6 m ²	2	3	manuell	916 kg	1830 x 1250 x 1413 mm
SIK750x1200-1/2	750 mm	1.200 mm	0,9 m ²	1-2	2-3	manuell	1.060 kg	1830 x 1500 x 1413 mm
SIK750x1800-1/2	750 mm	1.800 mm	1,35 m ²	1-2	2-3	manuell/pneumatisch	1.300 kg	2630 x 1500 x 1413 mm
SIK1000x1800-1/2	1.000 mm	1.800 mm	1,8 m ²	1-2	2-3	manuell/pneumatisch	1.510 kg	2630 x 1750 x 1413 mm
SIK1000x1800-3/4	1.000 mm	1.800 mm	1,8 m ²	3-4	4-5	manuell/pneumatisch	1.900 kg	2630 x 1750 x 1793 mm
SIK1000x1800-5	1.000 mm	1.800 mm	1,8 m ²	5	6	manuell/pneumatisch	2.150 kg	2630 x 1750 x 1973 mm
SIK1000x2400-1/2	1.000 mm	2.400 mm	2,4 m ²	1-2	2-3	manuell/pneumatisch	1.770 kg	3230 x 1750 x 1433 mm
SIK1000x2400-3/4	1.000 mm	2.400 mm	2,4 m ²	3-4	4-5	manuell/pneumatisch	2.200 kg	3230 x 1750 x 1793 mm
SIK1000x2400-5	1.000 mm	2.400 mm	2,4 m ²	5	6	manuell/pneumatisch	2.500 kg	3230 x 1750 x 1973 mm
SIK1500x2400-1	1.500 mm	2.400 mm	3,6 m ²	1	2	manuell/pneumatisch	2.100 kg	3230 x 2250 x 1433 mm
SIK1500x2400-4	1.500 mm	2.400 mm	3,63 m ²	4	5	manuell/pneumatisch	2.730 kg	3230 x 2250 x 1793 mm
SIK1500x3000-1/2	1.500 mm	3.000 mm	4,5 m ²	1-2	2-3	pneumatisch	2.720 kg	3831 x 2250 x 1483 mm
SIK1500x3000-3/4	1.500 mm	3.000 mm	4,5 m ²	3-4	4-5	pneumatisch	3.340 kg	3831 x 2250 x 1844 mm
SIK1500x3000-5	1.500 mm	3.000 mm	4,5 m ²	5	6	pneumatisch	3.750 kg	4190 x 2250 x 2024 mm
SIK2000x3000-1/2	2.000 mm	3.000 mm	6 m ²	1-2	2-3	pneumatisch	3.050 kg	3830 x 2745 x 1483 mm
SIK2000x3000-3/4	2.000 mm	3.000 mm	6 m ²	3-4	4-5	pneumatisch	3.900 kg	3960 x 2745 x 1844 mm
SIK2000x3000-5	2.000 mm	3.000 mm	6 m ²	5	6	pneumatisch	4.470 kg	4540 x 2745 x 2024 mm
SIK2000x4200-4	2.000 mm	4.200 mm	8,4 m ²	4	5	pneumatisch	5.400 kg	5160 x 2886 x 2055 mm