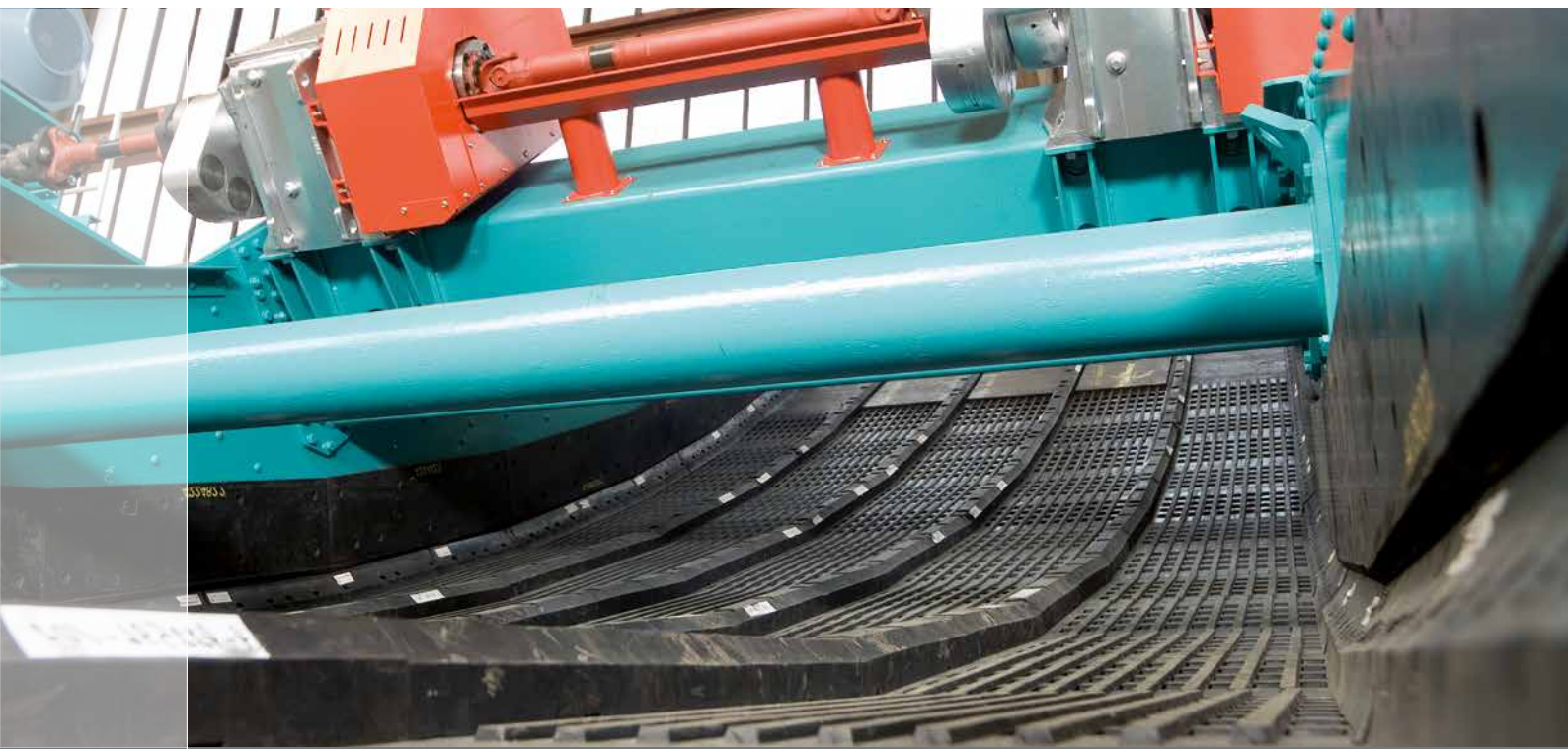


LinaClass[®] screens – They run. And they run. And ...



Schenck Process – Experts in vibratory equipment.

LinaClass® screens

Durable, robust and extremely reliable under the toughest of conditions.



Schenck Process is synonymous with dynamically developing and manufacturing vibratory equipment. Around 90 years of experience, superlative quality, outstanding technology and an extensive customer service make Schenck Process a pioneer in the vibratory equipment sector.

Accurate classification of different materials

Do you need to classify ore, coal, coke, base metals or rock reliably in large quantities? Then you need solutions which can be specially adapted in order to achieve the high quality required.

Our solutions

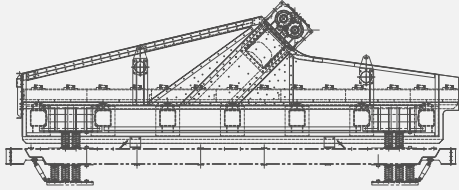
Schenck Process LinaClass® screens fulfil all these requirements perfectly. They can handle the largest quantities of materials and classify them to a high level of accuracy. Driven by robust DF force exciters, they are specially adapted to the widest range of requirements.

Benefits

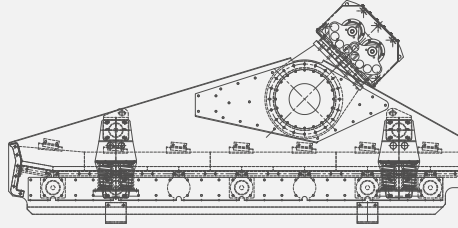
Ease of maintenance, long working life, maximum availability, reliable and consistent quality.

LinaClass® linear vibrating screens

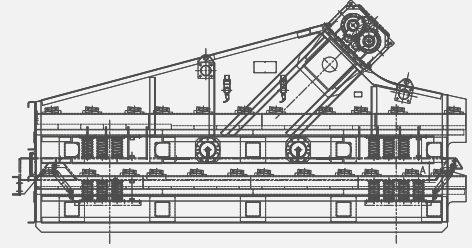
The classic version for the classification of all bulk solids suitable for screening. All common screen panels can be used.



LinaClass® SLG
Single-deck linear vibrating screens



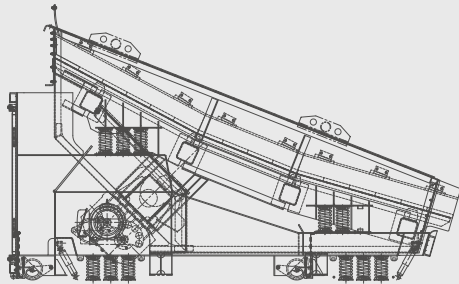
LinaClass® SLX
Single-deck linear vibrating screens



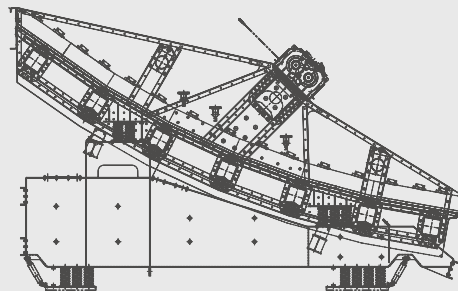
LinaClass® SLK
Double-deck linear vibrating screens

LinaClass® banana screens

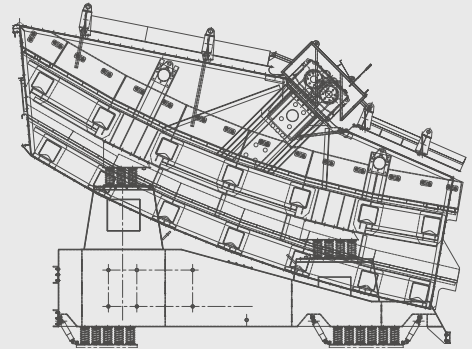
This machine takes its name from the banana-like arrangement of the screen panels. This enables the screening of larger quantities of material with a high content of fine particles. The advantage in comparison to the conventional screening machine: a much larger feed quantity with the same screen area.



LinaClass® SLU
Single-deck banana screens with exciter below



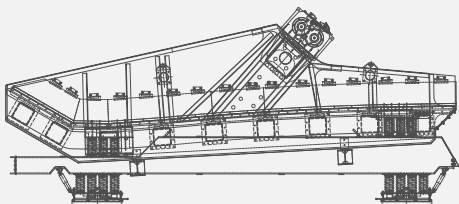
LinaClass® SLO
Single-deck banana screens



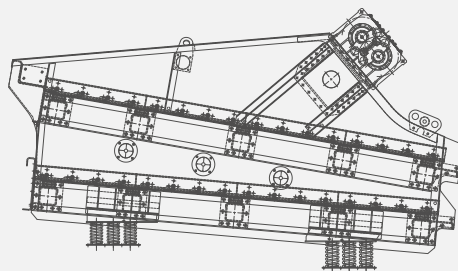
LinaClass® SLD
Double-deck banana screens

LinaClass® de-watering screens

A variant of the single and double deck linear vibrating screen machine for the washing, drainage, cleaning, preliminary classification, wet screening or screening out of foreign bodies.



LinaClass® SDW
Single-deck de-watering screen



LinaClass® SLC
Double-deck de-watering screen

HuckBolted construction

Over 1000 HuckBolts® in the sideplates but no welds, the sideplate has no residual welding stress and no material discontinuities to compromise the fatigue strength of the machine. This important feature contributes to the exceptionally long service life typical of Schenck Process machines.

Integrated feed box

Schenck Process machines feature an integrated feed box eliminating the extra cost of a high wear bolt-on unit.

Economical, smooth running

The Directional Force Exciter ranges from Schenck Process make the ideal drivers for linear motion vibrating screens. Oil lubrication and optimised roller bearing and gear pairing ensure smooth running, longer exciter working life, resulting in outstanding economy.



Performance tested and checked in the Schenck Process workshop

Longevity and performance assured. Each and every screen is test run in the workshop and tuned using Schenck Process vibration analysis technology and proprietary testing procedures to confirm that it has been built properly and performs to specification.

Vibration isolation technology second to none

A counter mass isolation frame ensures the maximum level of vibration isolation from the vibrating screen. This makes the plant structure a more people friendly environment and reduces the dynamic loads produced by the screen resulting in less material needed in the support structure, a lower-cost plant and fewer greenhouse gases for the plant construction.



Maintenance-free

Maintenance-free shafts between exciters mean more production and less downtime.

Tuned for optimum productivity

Schenck Process drive systems are designed to allow us to tune the run speed of your machine for optimum performance.

Thicker deck rails

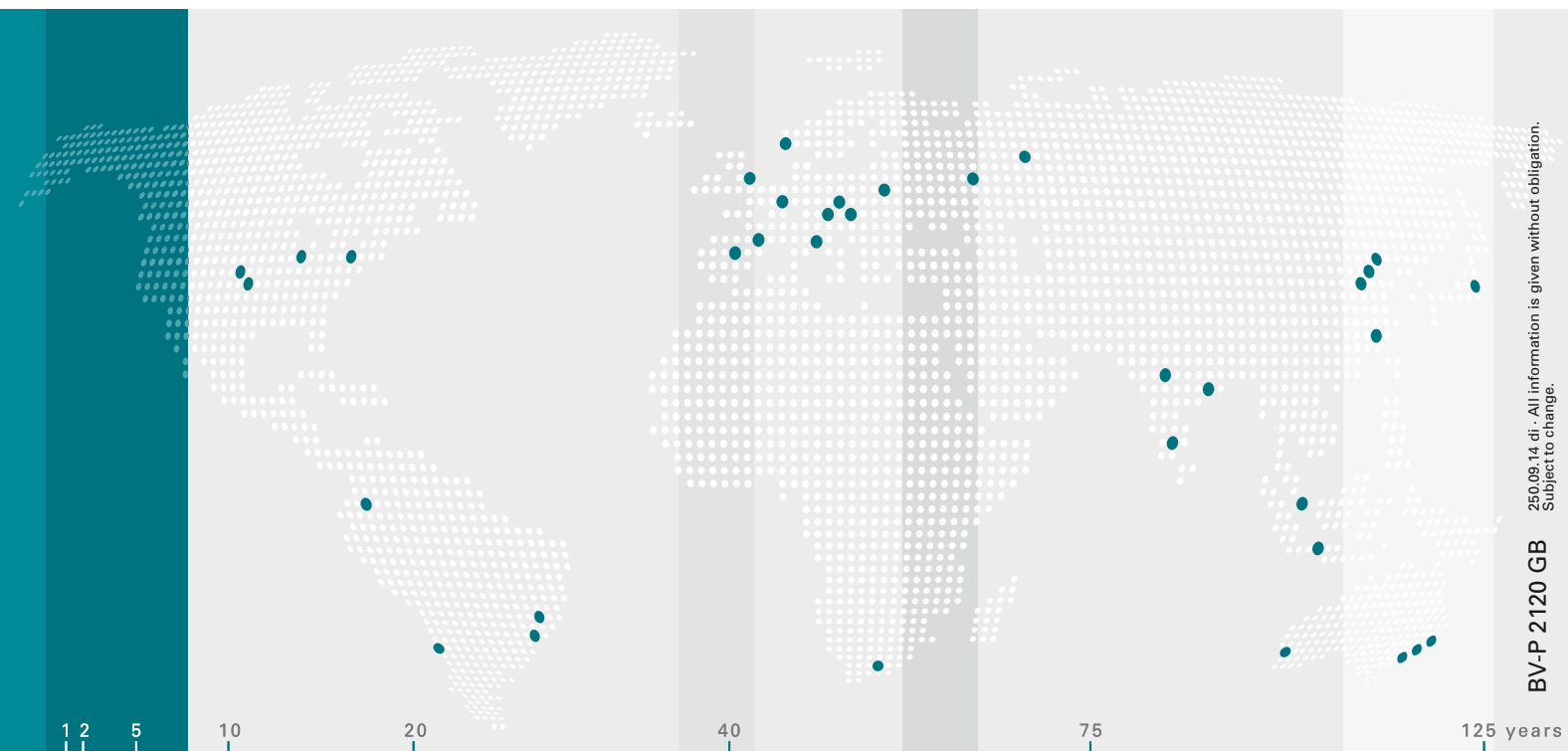
Schenck Process machines are designed to carry the weight of ultra heavy duty deck media with extra high sideliners. This means longer service life, less maintenance and a lower production cost per tonne.

Screen panels

In order to perfectly adapt screening machines to individual challenges, Schenck Process has developed the screen panels, making it a one-stop shop for quality and safety.

Increase production with larger, not more machines

Using fewer yet larger machines reduces upfront plant build cost, lower greenhouse gas emissions and shorter leadtime resulting in lower power consumption, less maintenance and fewer wear parts. 3 m, 3.6 m 4.3 m or even 5 m wide machines are the basis of the Schenck Process range of widebody vibrating screening machines that can be supplied with matched vibrating feeders to optimise material withdrawal from bins and feed presentation onto the screen.



250.09.14 dt. All information is given without obligation.
Subject to change.

BV-P 2120 GB

The Schenck Process Group is a global leader in
weighing and feeding technology /// screening and separation systems for bulk materials /// dust collection and air
filtration technology /// pneumatic and mechanical conveying solutions /// automation and diagnostic technology

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we make processes work

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