LinaClass® screens – They run. And they run. And ...
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® 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® 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.
Integrated feed box
Schenck Process machines feature an integrated feed box eliminating the extra cost of a high wear bolt-on unit.

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 countermass 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.

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.

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.
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.

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 sidewinders. 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.
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