



Circular Vibrating Screen CK 1402 / CK 1403



Advanced screen technology

Proven quality – great flexibility – easy operation

thyssenkrupp circular vibrating screens are used for screening of rock, ore, coal and similar bulk materials, as well as in recycling and waste disposal. The size of the machines is tailored to customers requirements and installation conditions. thyssenkrupp screens can handle higher throughput rates and meet demands for accurate separation according to grain size.

Features

Screen cloths

- Perforated plates, polyurethane panels or woven wire available
- The design permits the use of screen covers made by different manufactures
- Mesh size can be adapted to the requirements of a certain application

Adjustability

- Modifiable stroke up to 13 mm by unbalanced weights
- Adjustable rotational speed

Screen tray

- Bolted design without any welding at the side walls ensures maximum fatigue strength

Vibration isolation

- Mitigation of dynamic loads by steel springs

Roller bearings

- Special spherical roller bearings for high vibrations

Drive

- V-belt drive with protection hood

Options:

- Dedusting hood
- Supporting frame
- Chutes



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Technical Specification

General data

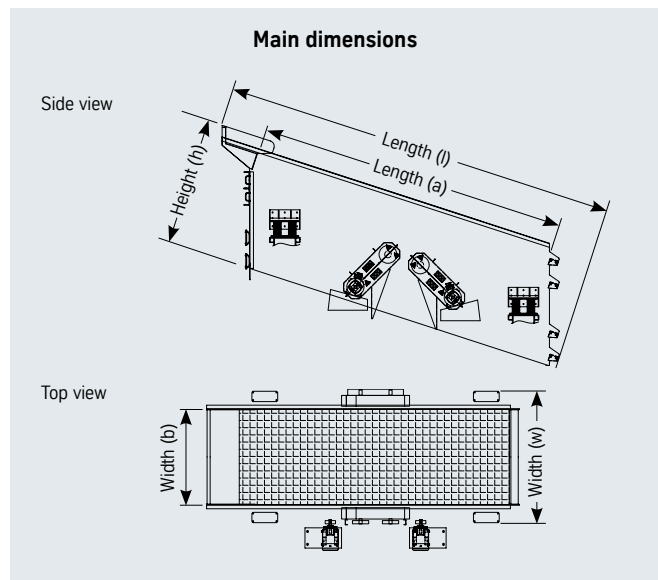
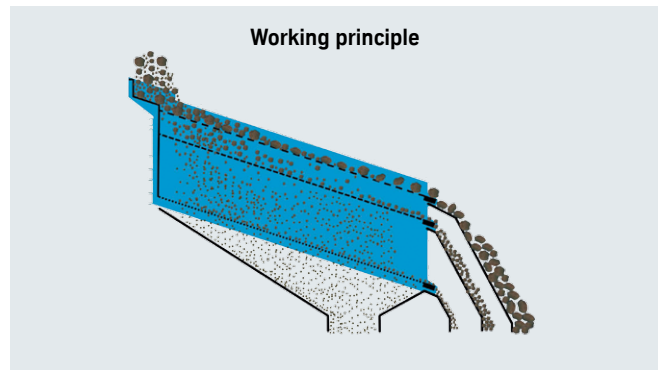
Materials:	Limestone, ore, quartzite, etc.
Maximum feed size:	200 mm edge length

Screen

Type of screen:	Circular-motion
Screen area dimensions (a x b):	6,000 mm x 2,410 mm
Screening area (per deck):	14.5 m ²
Number of screen decks:	2 or 3
Screen covering:	Perforated plate, polyurethane or woven wire
Inclination:	18°
Number of shafts:	2
Vibration isolation:	Steel springs
Main dimensions (l x w x h)	- 2 decks: 7,210 mm x 3,150 mm x 1,530 mm - 3 decks: 7,400 mm x 3,150 mm x 2,130 mm
Total weight	- 2 decks: up to 10.0 mt - 3 decks: up to 12.7 mt

Drive

Drive concept:	V-belt
Motor power	- 2 decks: 2 x 11 kW - 3 decks: 2 x 15 kW



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