



## 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



# Circular Vibrating Screen CK 1002 / CK 1003 / CK 1004

## Technical Specification

### General data

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

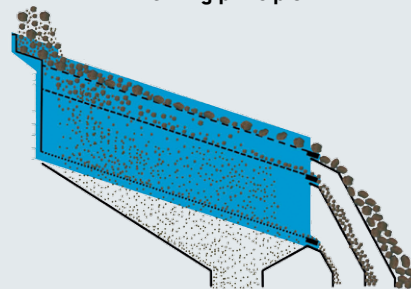
### Screen

Type of screen:	Circular-motion
Screen area dimensions (a x b):	5,600 mm x 1,850 mm
Screening area (per deck):	10.5 m <sup>2</sup>
Number of screen decks:	2, 3 or 4
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: 6,790 mm x 2,550 mm x 1,500 mm - 3 decks: 6,920 mm x 2,550 mm x 1,900 mm - 4 decks: 7,050 mm x 2,550 mm x 2,300 mm
Total weight	- 2 decks: up to 7.0 mt - 3 decks: up to 8.8 mt - 4 decks: up to 10.3 mt

### Drive

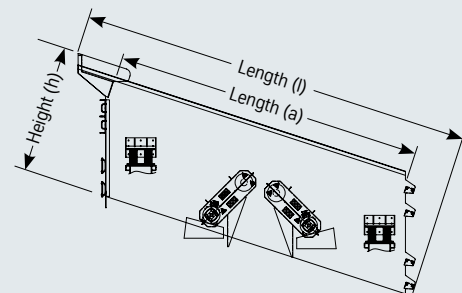
Drive concept:	V-belt
Motor power	- 2 decks: 2 x 9 kW - 3 decks: 2 x 11 kW - 4 decks: 2 x 11 kW

### Working principle

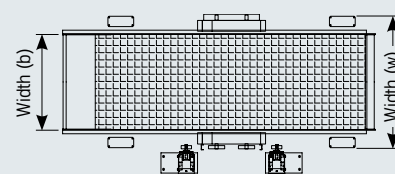


### Main dimensions

Side view



Top view



## Contact

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Sales representative

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