

The revolution in screening technology

Proven quality – great flexibility – easy operation

thyssenkrupp's multiple vibrating screen goovi® (good vibrations) uses a revolutionary, patented drive system with electrically synchronized unbalanced motors, which can turn the screen either into a circular, a linear or an elliptical screen. With this, the goovi® screen can be used for almost every application in secondary and tertiary screening, e.g. in the aggregates-, the mining- or recycling industry. The motion type and transport direction can be easily set with the included PLC system and thereby, the goovi® can adapt to changes in the feed material even during operation.

Features

- Screening of all kind of bulk materials such as aggregates, sand, recycling material or crushed ore
- Revolutionary, patented drive system
- Motion type and transport direction infinitely variable
- High screening efficiency even for critical materials
- Broad product range with different screen surfaces, screen clothes and no. of screen decks available
- Customized design available on request
- Less height and weight compared to traditional screens
- High capacities at low energy consumption
- Self cleaning function for screen clothes
- Fully digitalized screen can be integrated into distributed control systems
- Drive system
 - Direct drive with lifetime greased unbalanced motors
 - Patented, PLC based synchronization of unbalanced motors
 - Low maintenance due to less mechanical components
- Screen tray
 - Bolted/ clamped screen tray gives high fatigue strength
 - Optimized position of unbalanced motors reduces dynamic stress in side walls
 - Flat design enables implementation into existing plants
- Screen decks
 - Broad choice of screen clothes (wire mesh, rubber, PU)
 - Single and double Deck available
- Support
 - Support by air springs with variable pressure
- Options
 - Dust suppressing hood and water spraying system



Multiple vibrating screen goovi®

Technical Specification

General data

Materials:	All kind of bulk material: aggregates, ores, recycling material, slag etc.
Maximum feed size:	80 mm

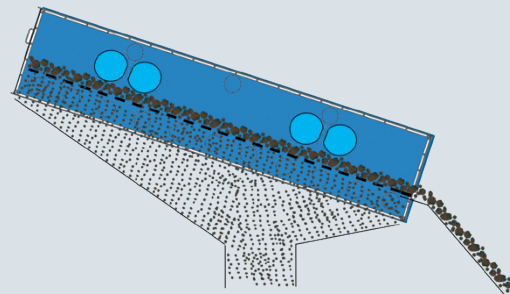
Screen

Type of screen:	Multiple vibrating screen
Screening area:	11 m ² - 26.4 m ²
No. of screen decks:	Single deck & Double deck
Available widths (w):	1.8 m, 2.1 m, 2.4 m, 2.7 m, 3 m, 3.3 m
Available length (l):	5 m, 6 m, 7 m, 8 m
Screen clothes:	Wire mesh, rubber, PU
Inclination:	variable
Screen support:	Air springs with variable pressure
Total weight:	5,500 kg – 17,000 kg
Total height:	1.2 m – 1.8 m

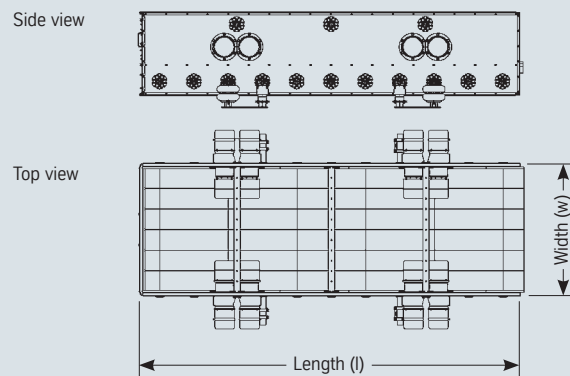
Drive

Drive concept:	Direct drive with unbalanced motors
Motor power:	8 x 5.8 kW – 12 x 8 kW

Working principle



Main dimensions



Contact

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Sales representative

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