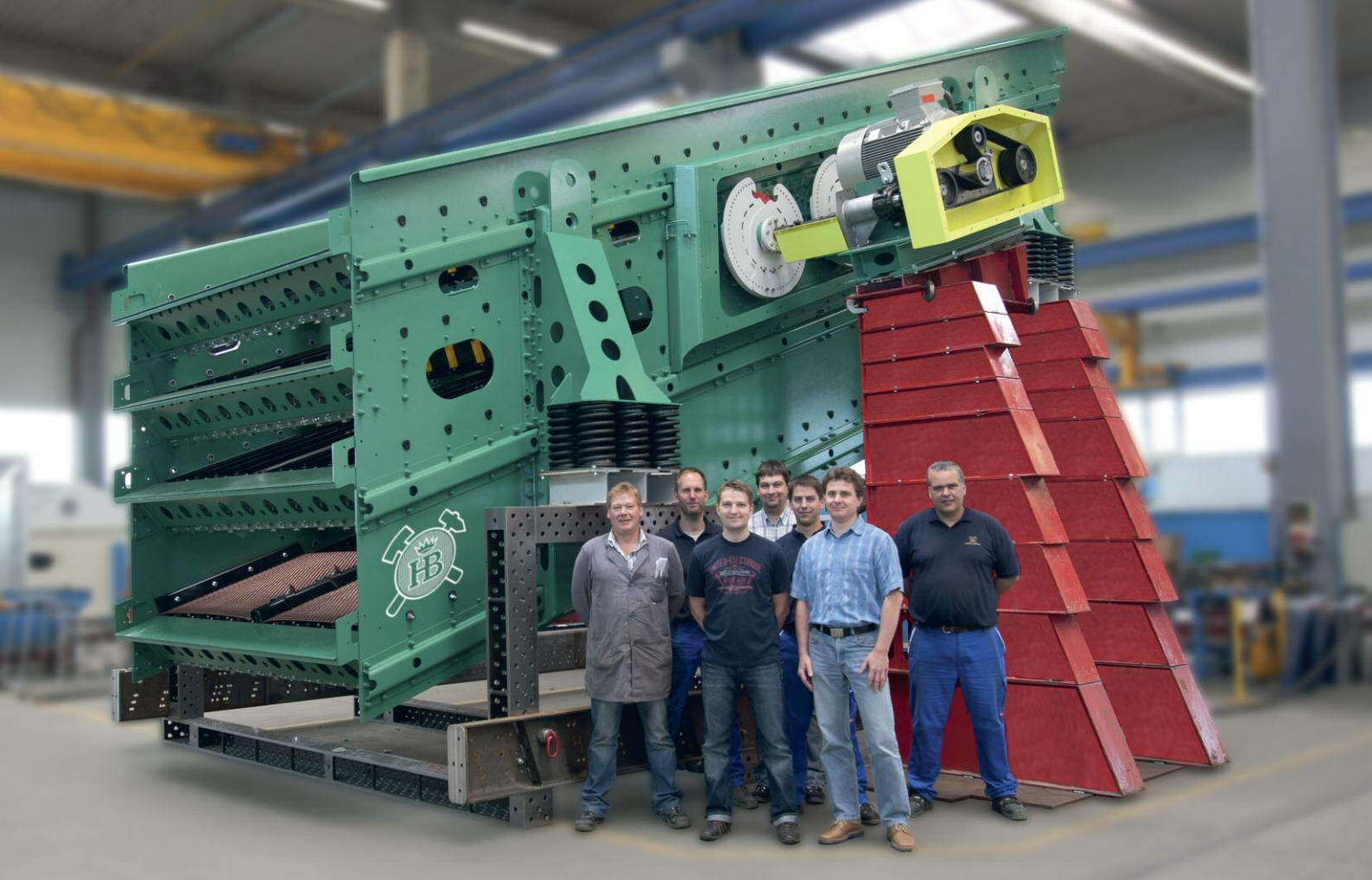


HAYER & BOECKER



**NIAGARA® T-CLASS®
FREE VIBRATING SCREENING MACHINES**

A HAYER & BOECKER Company



T-CLASS 3000x7200 3D

NIAGARA® T-CLASS®



The T-CLASS (two-bearing screen) family of screening machines stands for all circular vibration free swinging screening machines from HAVER & BOECKER. They are characterized by their high efficiency, economy and maximum operational availability.

Screening machines have been manufactured and successfully put into operation worldwide by HAVER & BOECKER since 1930.

Today's T-CLASS® is the result of decades-long experience and the innovative power of HAVER & BOECKER.

Because of its modular design, the circular vibration screening machine layout can be customized according to specific customer wishes. Available are high performance drive units in oil and grease.

To meet the specific needs of the job at hand, the machines can be equipped with a variety of screen media.

In addition to screen decks from HAVER & BOECKER, it is also possible to install screens from other manufacturers, independent of imperial or metric sizes.

Applications

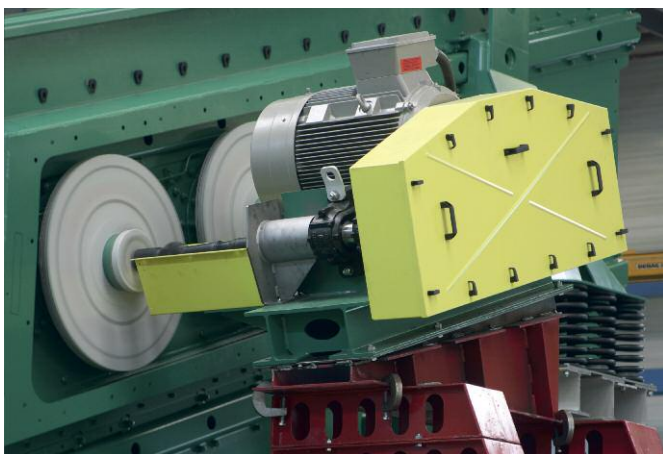
- Classification of mid-size particle bulk materials
- Cut size in general from 1 mm to 100 mm
- Input particle size 0/300 mm
- Dry screening
- Wet screening

Type

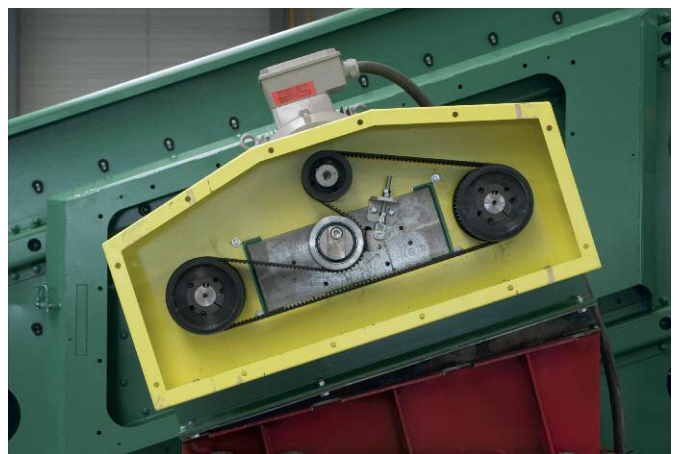
- Stationary
- Semi-mobile
- Mobile

Fields of application

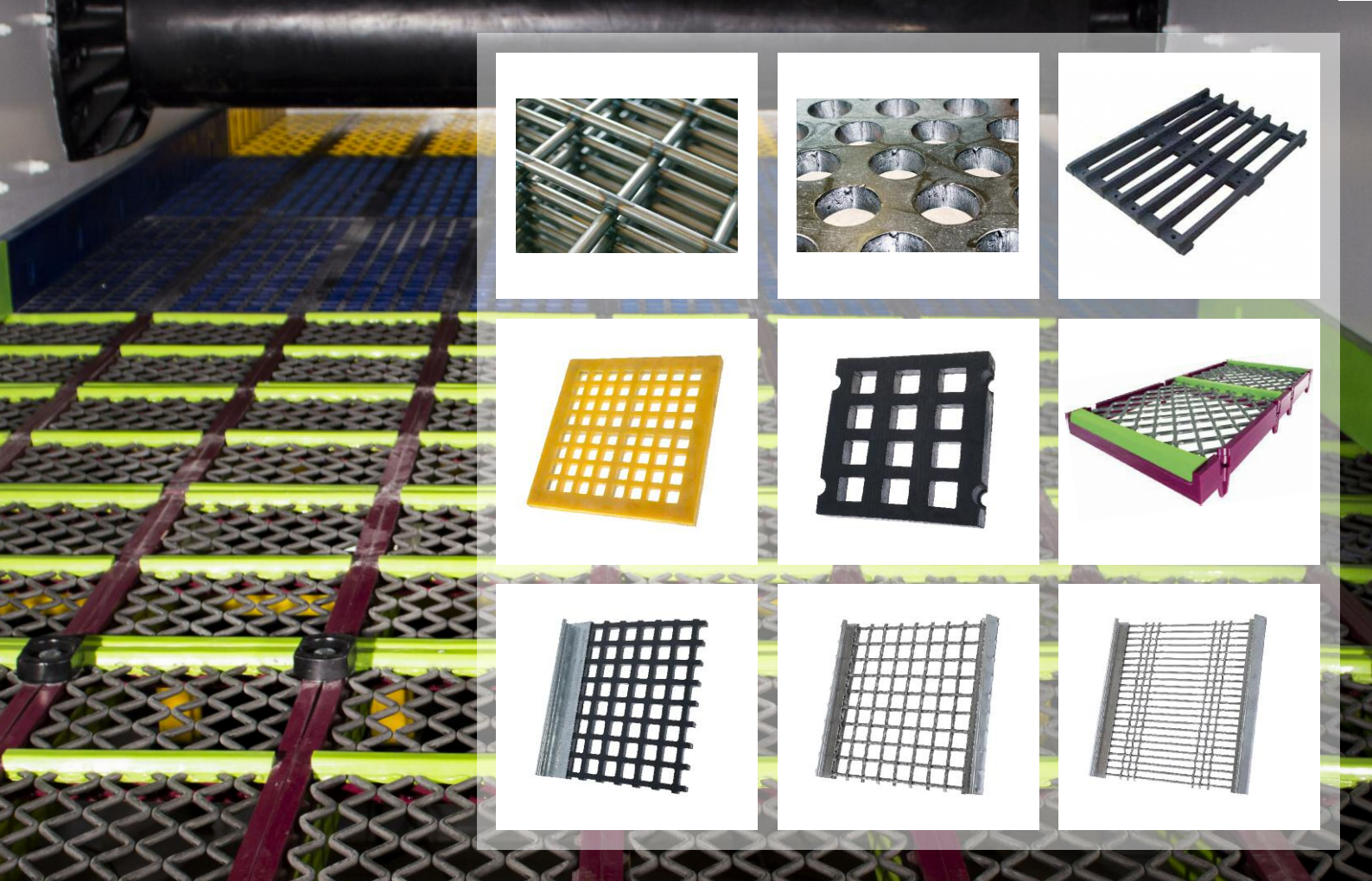
- Mining
- Building materials
- Recycling
- Industrial minerals



Drive unit - Double drive shaft design



Drive unit with toothed belt



We offer a large selection of well-known screening media from HAVER & BOECKER, TYLER, MAJOR WIRE and HAVER TELAS. The use of other screen media from other screen media manufacturers is possible as well.

HAVER PRO-DECK

HAVER Pro-Deck for manufacturer-independent installation of different screen media, e.g. woven wire cloth, PU screen panels, perforated plate, finger grating, etc., in desired combinations in both metric or imperial sizes.

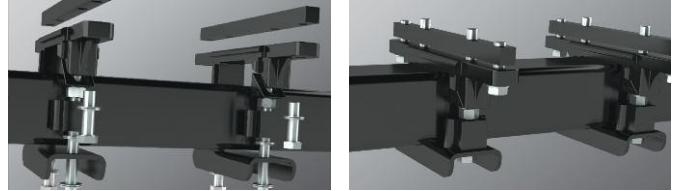
The screening decks can be installed crosswise or lengthwise.

The use of the HAYER-Snap-Guard® crossbeam protection system protects the crossbeams against abrasion-caused downtime and offers a cost effective alternative to conventional abrasion protection.

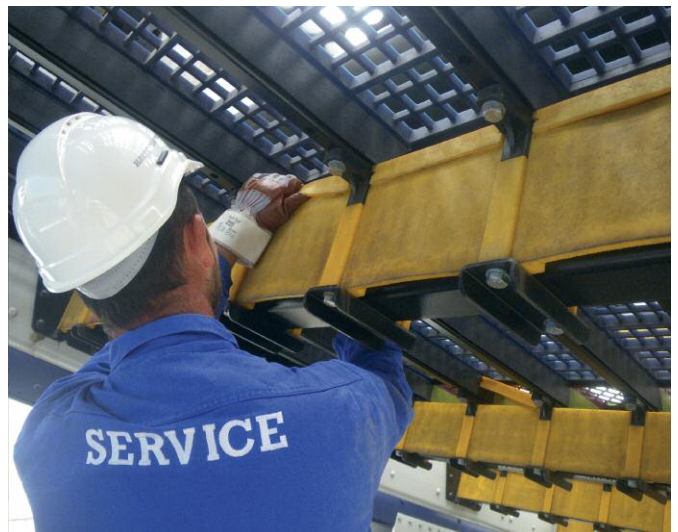
HAYER-Snap-Guard® is a patented crossbeam abrasion protection system. Using a crossbeam system, the HAYER-Snap-Guard® is simply inserted and clamped. Installation and removal are done by hand without the need for tools. The abrasion protection components are standardized and matched up to the HAYER crossbeam system.

Advantages

- Low-wear polyurethane
- Absorption of impact energy
- Easy installation and removal, no tools required
- Partial replacement through single elements
- Completely encapsulated crossbeams



HAYER Pro-Deck in combination with HAYER-Snap-Guard®



Easy assembly without tools



NIAGARA® T-CLASS®
**ADVANTAGES AND
BENEFITS**

productive - durable - high quality

Advantages and Benefits

- Circular vibration with precise cut size and high material through-flow
- Crossbeam design with minimized welding for maximum operational reliability
- Plain journal between the bearings and drive shaft for protecting against shaft damage when bearings are blocked
- Spraying unit for wet screening
- Support on compression springs or ROSTA®-vibration elements
- Tapered spring washers as reliable screw locking.
- Premium spherical roller bearings from SKF and FAG maximize bearing lifetime
- Screws locked by Huck lock bolts
- Minimal noise level at the workplace through optimized shape of the imbalance weights
- The use of HAVER-Snap-Guard® crossbeam protection system protects the crossbeams from abrasion
- Deck distances selectable for good accessibility or construction site space limitations
- Technical support worldwide through the HAVER & BOECKER service network

Options**Sizes**

- Lengths from 3600 to 9000 mm
- Widths from 1200 to 3000 mm
- 1 to 4 screen decks

Drive unit options

- Simple drive shaft design
- Double drive shaft design

Lubrication

- Grease lubrication
- Oil bath lubrication
- Oil circulation lubrication

Accessory components

- Spraying unit for wet screening
- Dust hoods
- Counter vibration frames
- Ball cleaning device
- Moveable chute

HAYER & BOECKER OHG

HAYER NIAGARA – A HAYER & BOECKER Company

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