

Basket screen



FSM ...

*Good Ideas
bring Success!*





FSM – basket screen

...meets the most demanding specifications

Applications:

For Screening of Sewerage, storm water and Seawater in deep shafts and wet wells.

Parallel to the increasing demands of users, FSM introduced modifications to the basic design. These have resulted in an optimum product for the preliminary treatment of waste water -providing high performance coupled with low operating costs.

Functional principle:

The basket screen for installation in shafts is based on the design of our coarse bar screens.

The basket screen is raised and lowered in the shaft via an electric hoist. The basket is guided by two guide rails built into the shaft and four plastic rollers fitted to the basket. The guides are made of channel section material and curved in the upper area which facilitates emptying of the basket over the container. Final emptying is carried out by hand with a rake.

The drive is mounted on bracket on the crossbeam of the frame and consists of a wire rope drum with geared motor. The hoist is provided with limit switches for the motor at the top and bottom positions of the basket – the end positions can be adjusted as desired.

The screen basket is constructed of steel sections with a gap width of approx. 40 mm. The size and shape of the basket is designed to match the feeding situation.

The screen is manually controlled via a local control station with dead man's switch for raising and lowering the basket.

When the screen basket is raised, the feed is automatically blocked by a drop screen so that no screenings can get into the outlet channel while the basket is being emptied.

Features:

- Easy to operate and maintain .
- High reliability through robust construction.
- The screen allows the passage of grit without malfunctioning.
- Discharge of grease in large quantities presents no problem.
- Screenings conveyed positively to the discharge point.
- Excellent cost/performance ratio
- Low maintenance costs
- Suitable for outdoor sites / operation in winter
- Easily adapted to suit changed operating conditions

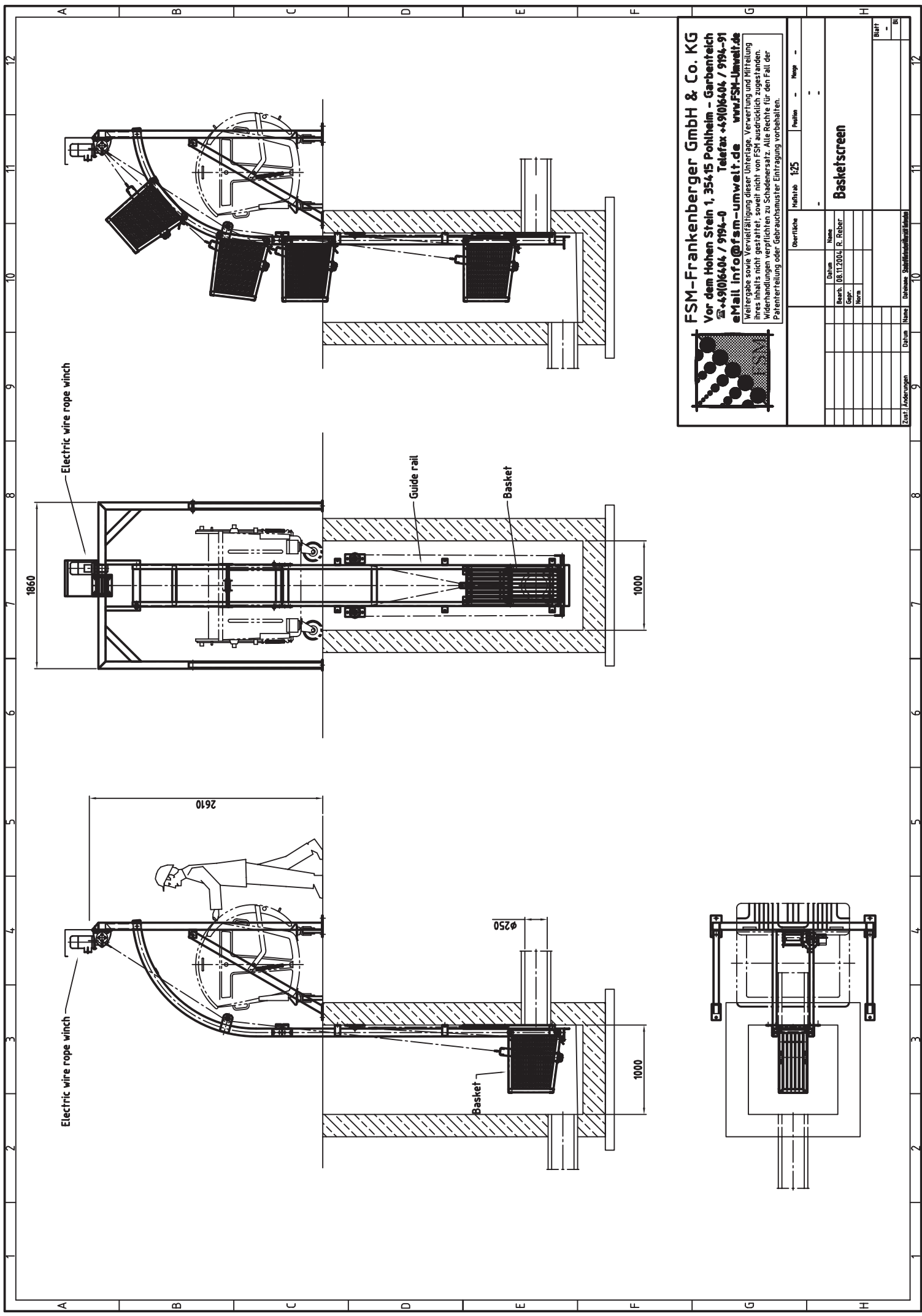
Dimensions:

- filter width 100 to 1000 mm, larger sizes on request
- channel depth up to 20000 mm, larger sizes on request
- slot opening 6 – 100 mm, other sizes on request
- mounting angle 90°, other angles on request

Material / makes:

- machine frame stainless steel 304 or 316
- filter element stainless steel 304 or 316
- rope stainless steel 304 or 316
- use with sea water resistant material for machine frame, filter element

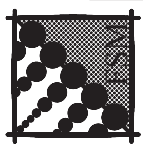




FSM-Frankenberger GmbH & Co. KG
 Vor dem Hohen Stein 1, 35415 Pohlheim - Garbenteich
 ☎ +49(0)6404 / 9994-0 Telefax +49(0)6404 / 9994-91
 ✉ info@fsm-umwelt.de www.fsm-umwelt.de

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Zust. Änderungen							
			Überrasch. Sachverständigenfalsch				
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FSM Frankenberger GmbH & Co. KG Germany

Vor dem Hohen Stein 1 · D-35415 Pohlheim/Garbenteich
Telefon: +49(0) 6404/9194-0 · Telefax: +49(0) 6404/9194-91
info@fsm-umwelt.de · www.fsm-umwelt.de



MENA WATER FZC

P.O. Box: 120881, Sharjah SAIF Zone – U.A.E.
Tel.: +971-6-5575507, Fax : +971-6-5575508
info@mena-water.com - www.mena-water.com