

Basket Screen

**Request for
Quote**



Specialized in environment
Technology since **1970**

Functionality of the Basket Screen:

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

The basket of the 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 rollers fitted to the basket. The guides are curved above the operating level, which allows an automatic emptying of the basket above the dumpster. Final emptying is carried out by hand with a rake. While emptying the basket at the top a coarse bar screen is closing the channel.

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

Advantages:

- 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.
- Reliable guiding of the basket in a trackway
- Excellent cost/performance ratio
- Low maintenance costs
- Suitable for outdoor sites / operation in winter
- Easily adapted to suit changed operating conditions

The FSM Basket Screen meets the most demanding specifications.

The FSM Basket Screen was developed to deal with particular problems associated with sewage pretreatment plant.

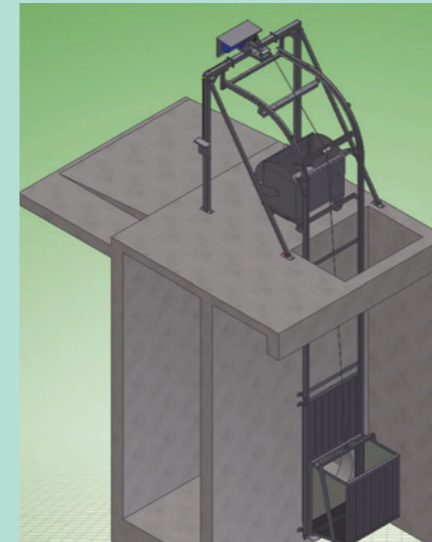
Parallel to the increasing demands of users, FSM introduced modifications to

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.



Applications in municipal and industrial clarification plant

- waste water pre-treatment / coarse screening
- sludge screening / secondary sludge



- sludge screening / primary sludge
- sea water treatment
- rainwater tank overflow and storage channel screening
- supply pumping stations
- protective installations for downstream equipment
- decontamination of running waters

Industrial applications

- cooling and waste water screening (river intake etc.)
- sea water screening
- textile and textile finishing industry –preliminary clarification of total waste water
- meat, fish and poultry processing / slaughterhouses preliminary clarification of total waste water
- sugar industry – preliminary clarification of total waste water
- composting installations, waste product and disposal engineering, seepage water treatment
- fruit and vegetable processing – preliminary clarification of total waste water
- animal meal production– preliminary clarification of total waste water

Applications in the paper and cellulose industry

- wash water, debarking plants
- coarse matter runoff, channel water

Applications in power stations

- cooling and service water screening (river intake etc.)
- sea water screening



Korbrechen

Dimensions:

filter width	100 to 1.500 mm, larger sizes on request
channel depth	up to 15.000 mm, larger sizes on request
slot opening	6 – 100 mm, other sizes on request
mounting angle	90°, other angles on request

Material/make:

machine frame	stainless steel SS304 or SS316, other materials on request
filter element	stainless steel SS304 or SS316, other materials on request
rope	stainless steel SS304 or SS316, other materials on request
use with sea/brackish water	sea water resistant material for machine frame, filter element

Machines for water and waste water treatment

Excellent innovative capacity combined with many years of experience and a highly motivated team providing advice, assembly and service are your guarantee of outstanding products "Made in Germany", expert contract management through to commissioning and, of course, thereafter.

Get to know us, perhaps in the near future at a Trade Fair in your locality.

