



HUBER **Basket Screen CageLift**

- ▶ Prevention of blocking
- ▶ Easy retrofit
- ▶ Sturdy design, reliable operation

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The situation

Gravel and stones are transported in the sewer. This contamination can damage the pumps in the shaft and cause problems with the feed, for example to a sewage treatment plant. In order to ensure flawless and, above all, trouble-free operation, these foreign materials must be retained and disposed of in another way.

The HUBER Basket Screen CageLift

The HUBER Basket Screen CageLift prevents such blockage, the entanglement of debris and damage of equipment as it removes the material. The screen can be installed in a manhole prior to pumps, the size depending on the inflow rate and depth.

The contamination carried in the sewer is retained by a screen basket at the outflow. The screen basket is robust and stable. The screen bottom plate is perforated to allow static dewatering of the retained material. When a certain amount of material has accumulated, the screen basket is lifted upwards by an electric chain hoist. The vertical basket movement is supported by a stable carrier and guide rails. These guide rails are curved in a circle in the upper area to enable partially automatic emptying.

Emptying takes place in a container provided. When the screenings are transported upwards in the screen basket, it must be ensured that any contamination that could impair the function of the pumps installed in the shaft are retained. This is ensured by a fall screen guided by deflection rollers, which retains the contamination during the upwards and downwards movement of the screen basket.

Advantages of the HUBER Basket Screen CageLift:

- ▶ Prevention of blocking and entanglement of debris, and damage of equipment
- ▶ Quick and easy retrofit
- ▶ Sturdy design, reliable operation, functional



On the HUBER Basket Screen CageLift, the electro-mechanical lifting mechanism is mounted above the channel or pump shaft, so that the screenings can be discharged directly into a container.



Reliable and safe guidance of the screen basket by means of guide rails arranged on both sides.



The guide rails of the HUBER CageLift are curved in the upper discharge area, so that the filled screen basket can be moved directly over a container and emptied semi-automatically.

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