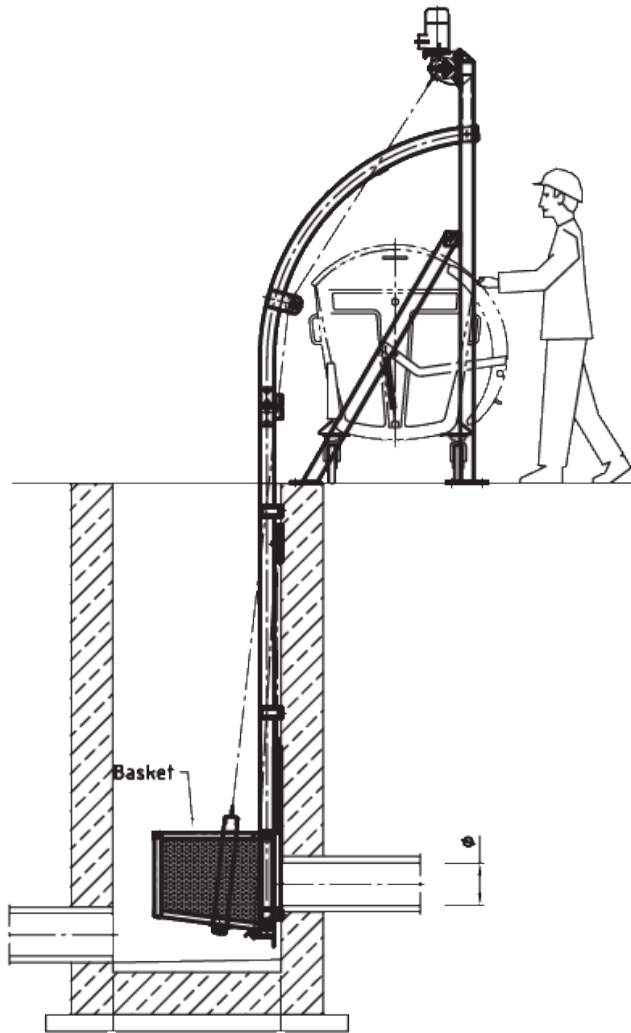
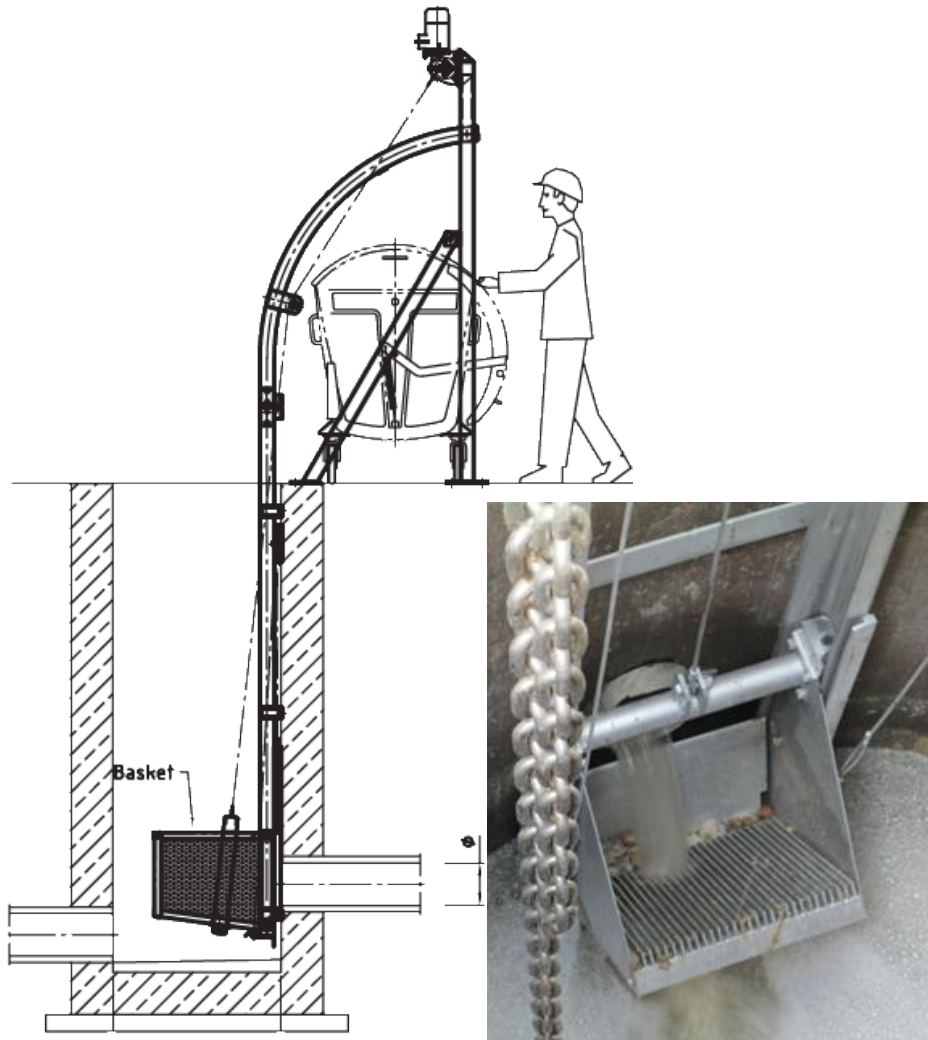


## *Basket Screen (Curved & Vertical)*



# *Basket Screen (Curved)*



Basket screens are used as fine or coarse screen in the inlet structures of the small and medium scale treatment plants and pumping stations that are fed by steel or reinforced concrete pipelines.

The purpose of use of the basket screens is to remove the solid particles from the system at the inlet to the plant and to prevent damage to other equipment that will be used after the screen.

The basket screens move to a desired distance by means of a rail system mounted on wall. Thus, the problems that will arise from the elevation difference are eliminated. Solids in wastewater cannot pass through the basket screen and they are hold in the screen while wastewater passes through the screen.

It is alternatively made of hot dip galvanized carbon steel or SS quality stainless steel material.

The rails are curved in the upper area which facilitates emptying of the basket over the container. Final emptying is carried out by hand with a rake.

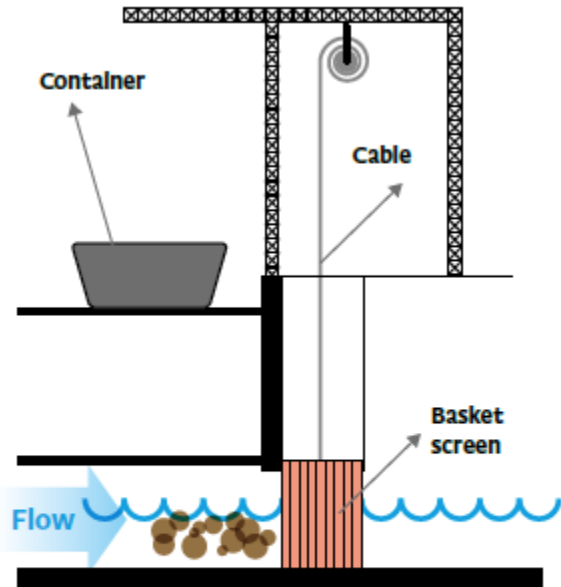
The screen basket is constructed of stainless steel sections with a gap of 10 – 40 mm Or perforated sheets as per requirements.

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

This solution is perfect solution, simple and effective to remove big solids in pumping station, main entrance of wwtp, etc

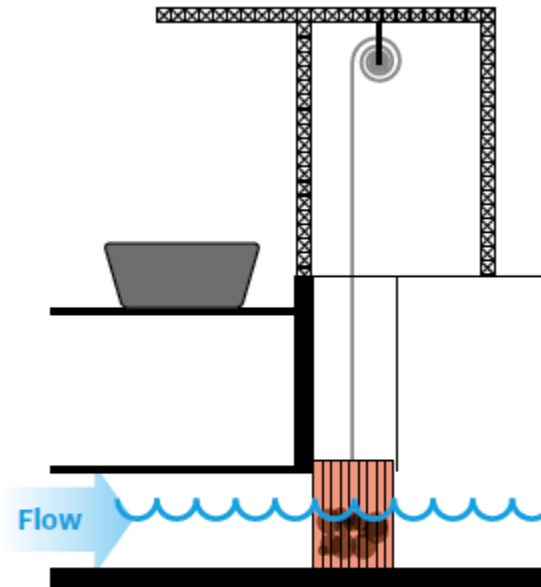
# Basket Screen (Vertical)

Specification	
Bar Spacing	3 – 100 mm
Screen Width	Up to 2000 mm
Screen Height	Up to 2500 mm
Installation Depth	15,000 mm
Discharge Height	1500 – 2000 mm



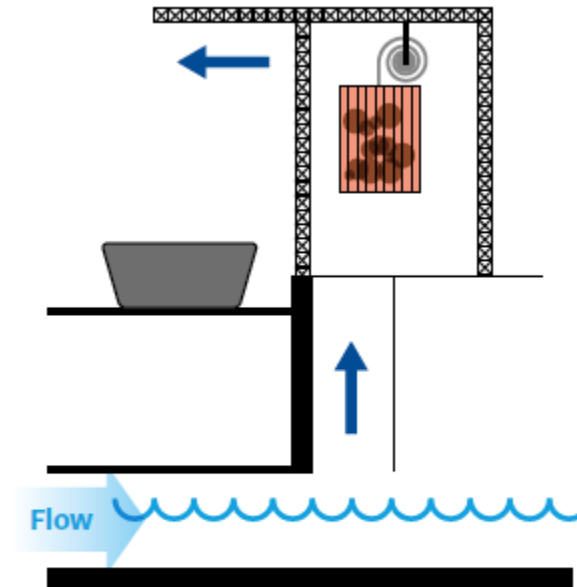
1

Water flow approaches to the basket screen placed at the end point of the pipe or channel, and brings solid materials with it.



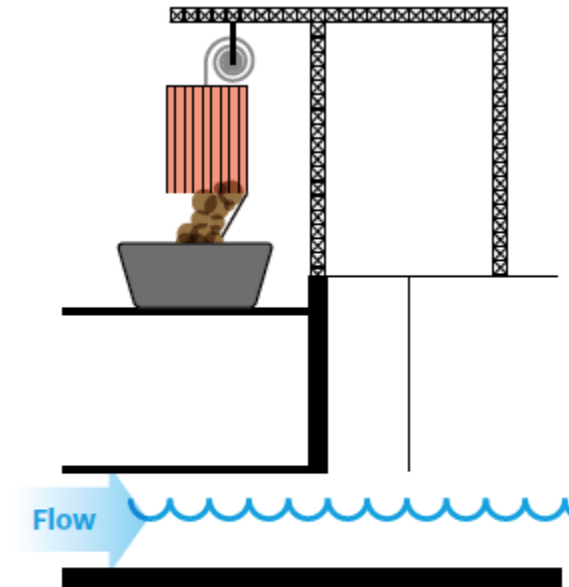
2

The basket screen bars capture the solid materials, and that situation causes clogging of the screen by time.



3

The screen is raised by means of the lifting system when it needs to be cleaned.



4

Finally, the captured solid materials are discharged into a container.



# *Basket Screen*

## *Advantages and Specification*

- Suitable for deep wells, small space requirement
- the screen allows the passage of grit without malfunctioning
- Screenings conveyed positively to the discharge point
- Excellent cost/performance ratio and easy maintenance

## *Features & Benefits*

- Easy operation and maintenance.
- Robust and reliable.
- Easy damping at the top level.
- Operable at the outdoor conditions.
- Low maintenance cost.
- Ease of adaptation in different working conditions.
- Simple installation.

## *Application*

- Wastewater treatment plants
- Leather industry
- Food industry
- Paper mills
- Meat and poultry industry
- Intake structures
- Textile Industries
- Power Station
- Sugar Industries

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