

## Inclined Cylindrical Screen – Fine to Micro Screening



### Description:

Spiraltec is used for the fine screening of large quantities of organic materials. Because a compactor is inside the Spiraltec, screenings are collected, conveyed, washed, and compacted in one seamless flow. Spiraltec can be integrated to any existing installation.

### Operating Mode:

Spiraltec is positioned in the channel. Wastewater travels through the perforated plate, which acts as a physical barrier to debris.

The collected screenings are lifted by a screw to the compactor, where they are washed and compacted before being discharged into a container. Brushes installed on the screw enable the self-cleaning of the perforated plate.

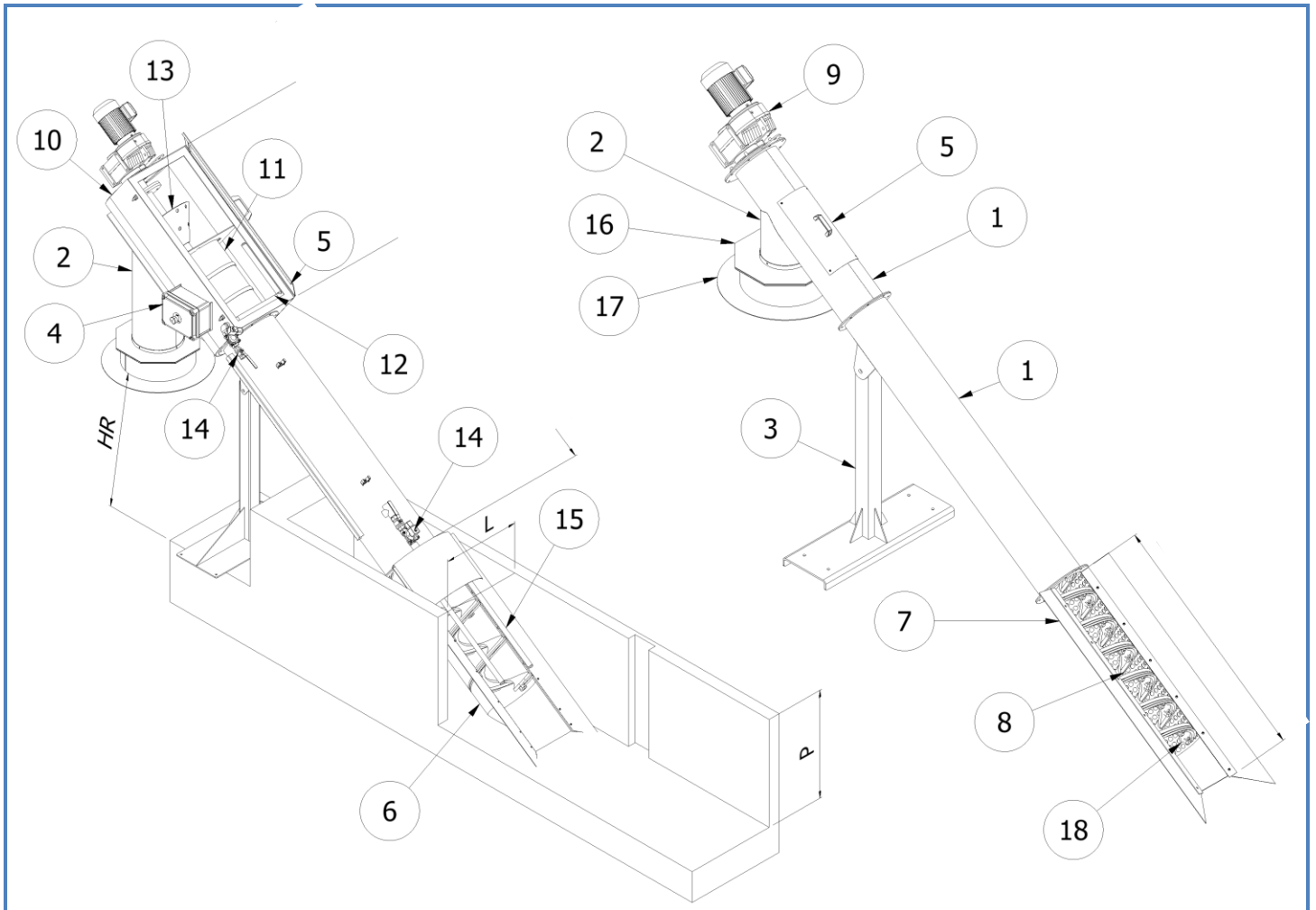
### Specifications:

- Screen openings:  
500µm to 2mm (1/64" to 5/64") with mesh  
2 to 20mm (5/64" to 51/64") with perforated screen
- Width: 200 to 500mm (8" to 20")
- Flow: up to 5mgd(750m<sup>3</sup>/h)

### BENEFITS

- All-in-one equipment
- Highly cost-effective
- Easy retrofit
- Superior capture rate
- Self-cleaning

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### SPIRALTEC DESIGN :

- |                              |                        |                                    |
|------------------------------|------------------------|------------------------------------|
| 1 – Conveyor tube            | 7 – Adaptor for design | 13 - Compression lid               |
| 2 – Screenings' Exit         | 8 – Screw conveyor     | 14 – Connection for solenoid valve |
| 3 – Binding Support          | 9 – Gearmotor          | 15 – Spray bars                    |
| 4 – Control panel (optional) | 10 – Compactor         | 16 – Support for Odor Control Bag  |
| 5 – Maintenance hood         | 11 – Screen compactor  | 17 – Odor Control Bag              |
| 6 – Screen                   | 12 – Spray bars        | 18 - Brushes                       |