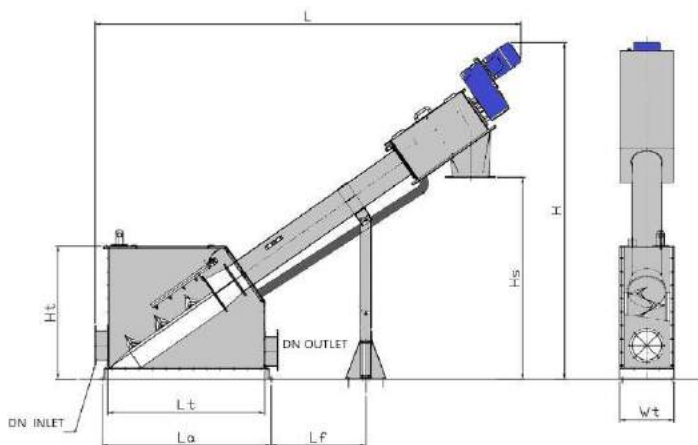


## SCREW SCREEN IN TANK

### Screening and Compaction in Tank

#### DESCRIPTION

The SPIRAL SCREEN is useful to pre-treat any kind of sewage water being it municipal or industrial. The machine is installed inside a self-supporting tank. The machine is composed of a tank, complete with hinged upper cover with safety micro switch, air vent, 1" threaded pipe. The screening zone is composed by a stainless steel screen basket that can have a perforated mesh aperture from 2 to 10mm in case of perforated profile, or from 0.25 up to 2 mm in case of wedge wire profile. The screen basket is cleaned by reinforced brushes fixed with bolts directly on the external of the transport screw. These reinforced brushes are divided in sectors, easily replaceable when worn. It rotates inside a transport tube coated with wear bars bolted directly on it.



#### BENEFITS

- ➔ Low cost of initial investment
- ➔ Excellent performance even in the presence of fibrous or particularly long products,
- ➔ Option water level sensor
- ➔ Option by pass

| Model        |      | SCT 200                | SCT 300 | SCT 400 | SCT 500 | SCT 600 | SCT 700 |
|--------------|------|------------------------|---------|---------|---------|---------|---------|
| Opening (mm) |      | Flow m <sup>3</sup> /h |         |         |         |         |         |
| Wedge wire   | 0,25 | 20                     | 35      | 55      | 120     | 200     | 290     |
|              | 0,5  | 45                     | 60      | 85      | 190     | 275     | 370     |
|              | 1    | 75                     | 90      | 120     | 265     | 360     | 530     |
|              | 2    | 85                     | 105     | 150     | 310     | 415     | 670     |
| ∅            | 3    | 100                    | 125     | 180     | 320     | 465     | 740     |
|              | 5    | 140                    | 162     | 268     | 396     | 590     | 950     |
|              | 6    | 160                    | 198     | 300     | 435     | 600     | 980     |
|              | 7    | 180                    | 220     | 350     | 480     | 650     | 1000    |

