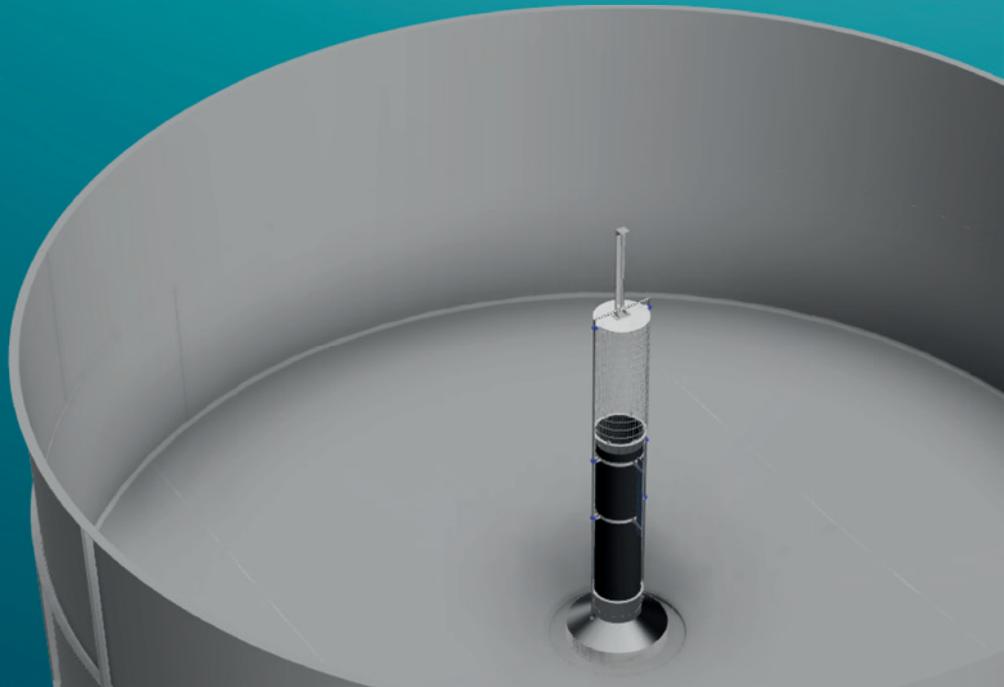


Centre solution Tower strainer

Tower strainer and pot



The tower strainer apparatus is designed to efficiently transport dead fish and feed spill that accumulate in the bottom of the tank to the outside of the tank using an actuator-controlled strainer, allowing you to remove dead fish. The tower strainer is permanently mounted at the top of the apparatus and is the primary barrier in the tank. This is where water is collected for recirculation and for drainage. Tower strainers are always installed together with FishTrap.

BENEFITS:

- The solution eliminates the need for walkways over the tanks and thus reduces the risk of stressing the fish.
- Skirts at the bottom of the tank are controlled from the edge of the tank and can be raised and lowered while tending the fish to control the quantity of fish out to the FishTrap/delivery.
- This also helps prevent overpopulation.
- The tower strainer serves as an overflow protection in the tank
- Extracting water from the upper part of the centre of the tank avoids uptake of the water with the most feed spill and grime into the CO₂ degasser, and the water in

Centre solution Tower strainer

the lower part of the centre of the tank runs out to drainage or RAS.

- The pot is designed so that it is easy to move all the fish out of the tank.
- The skirt is programmed as a two-step process. In step one, the skirt opens for moving the fish. In step two, the skirt opens to run the circulation

on the CO₂ loop. This allows you to circulate the washing water through DeGasso CO₂ with the least possible water volume and thus the least possible detergent.

- The centre solution is designed to prevent fish from inflicting self-harm. And all sharp edges can be covered.

COMPONENTS

1. Actuator and lifting stay:

- CON35 actuator. IP class 68
- An acid-resistant lifting stay is screwed into the actuator and attached to the lower strainer / removable strainer in the bottom.

2. Tower strainer:

- Primary barrier
- Tower strainer, made of acid-resistant steel unless otherwise specified in the contract
- The gap sizes are dimensioned according to the smallest fish in accordance with NS 9416:2013

3. Brackets and wave dampers:

- Acid-resistant brackets that have attached wave dampers and pipe clamps for guides for the lifting stay

4. Centre pipe:

- The outlet pipe in the centre is PE SDR 17 pipe welded to the centre pipe in the spiral pot

5. Inner pipe:

- Acid-resistant inner pipe covers strainers for circulation

6. Lower strainer / removable strainer:

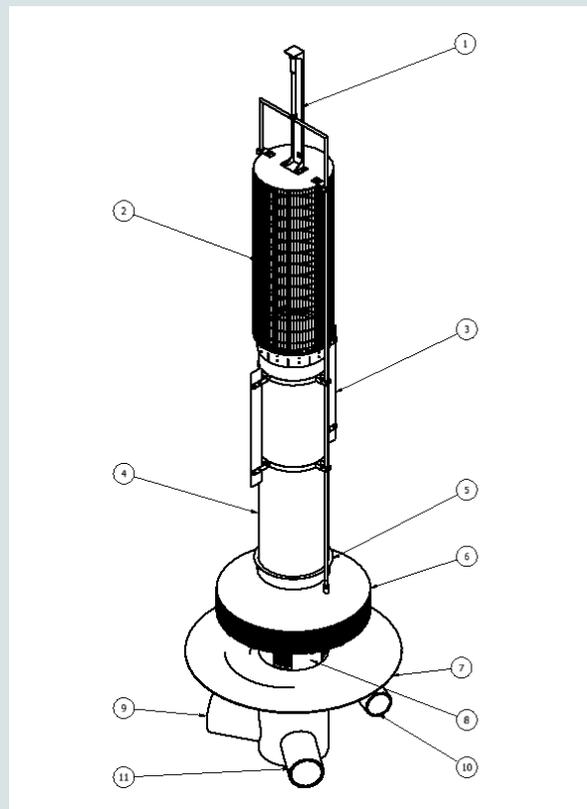
- Acid-resistant skirt usually with gap size equal to the tower strainer

Spiral pot:

- Pot made of glass fibre. The centre pipe with outlet in the bottom is made of PE

7. Strainer for circulation / strainer to drainage:

- 4 x acid-resistant perforated plates with the same gap size as the tower strainer



8. Recirculation outlet:

- Water passes through the tower strainer and into the centre pipe and is pumped to the DeGasso CO₂ for recirculation

9. Fish transport pipe

- When the lower strainer / removable strainer is raised, the fish are transported from the pot to the fish transport pipe to the FishTrap® or for delivery

10. Drainage

- Water runs through the tower strainer and into the centre to drainage via the FishTrap®