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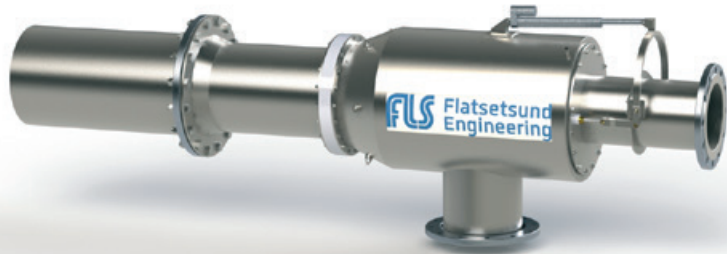
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FLS Ejector

Large capacity and multiple applications

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The FLS Ejector is our own patented design. The solution is the result of many years of development work at Flatsetsund Engineering. The FLS Ejector is a key component of several of Flatsetsund Engineering's innovative solutions. The FLS Ejector has many uses and is also supplied as a separate unit for a variety of applications in different countries.

Benefits of the FLS Ejector

- Ideal for transporting fish since it safeguards their welfare
- Particularly advantageous in terms of reliability and use, since it has no moving parts in contact with the pumping medium
- Very large lift height and high speed Actuator-controlled nozzle adjustment integrated into the PLS system provides optimum utilization of energy input (applies to 350 mm ejectors, other models in progress)
- Large capacity
- Supplied with nozzles of diameter 12 mm to 500 mm
- Robust construction in AISI 316 stainless steel
- High output
- User-friendly
- Space-saving
- Easy to install
- Highly experienced Norwegian manufacturer with its own service network

How it works

The FLS Ejector functions as a water cannon which uses a conic nozzle to create a vacuum which powers the water flow. The solution is specially designed for transporting fish. As a result, fish welfare has been central to the development of the solution.

The FLS Ejector comprises just one straight pipe, fully unobstructed along its entire length. The FLS Ejector is available in sizes from 12 mm to 500 mm. The system works well under low pressure and achieves a full vacuum (- 0.98 bar) with pressure and water volume appropriate for the size of the ejector. The ejector nozzle is adjustable. The ejector's capacity is greatest when water is used as a drive fluid.

Expertise backed by experience

The FLS Ejector has been developed over some 25 years and has patent protection of its unique solution. The system was designed for loading live fish into well boats and for moving fish from pen to pen. The Ejector forms part of many of Flatsetsund Engineering's products, but is also sold around the world as a separate component for different purposes.

Many applications

The FLS Ejector's mode of operation means it can be used for a huge variety of tasks. The FLS Ejector is the core product in Flatsetsund Engineering's portfolio with a very wide field of application. Among other things, the FLS Ejector is used for:

- Moving living biomass
- Aeration (water treatment) of well boats and fish hatcheries
- Dredge pumping
- Harvesting seaweed/kelp
- Pumping of water/sewage (polluted liquids)
- Cleansing of water and other liquids/ cleaning with the addition of chemical products
- Pumping acidic liquids
- Collecting dead fish
- Water cannon
- Waterflows/circulation
- Dissolving gases
- Propulsion systems