

SFI SYSTEM

Sea Farm Innovations have developed a new system, to make sealice treatment safer, faster and better. SFI System is a new innovative patented system, that has been developed by Sea Farm Innovations, in close cooperation with salmon farmers on the Faroe Islands. The main focus for the SFI SYSTEM has from start been fish welfare, to make sure that as few salmon perish during sealice treatment as possible.

The treatment in this patented innovative system is controlled by adjusting only a single parameter. There is no use of harmful chemical or heat treatment.

SFI SYSTEM is inspired by the salmon's natural behaviour, which minimizes any unwanted side effects from the treatment.

To minimize stress, treatment time is only 0,2 seconds and treatment water is at sea temperature.

SFI SYSTEM* (two units)

- High capacity, 100-150 tons/hour
- Only 60 kWh power usage
- Operated by one person during start and stop procedures
- No thermal nor chemical treatment
- Full control of treatment process
- Short treatment time, only 0,2 seconds
- Sea temperature process water
- Easy to maintain and clean
- High quality Grundfos pumps with Danfoss frequency converter

**) The image above shows a system with two units in compact configuration*

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Flexible configuration

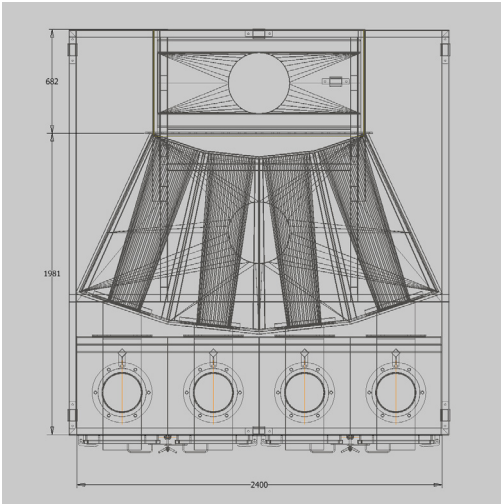
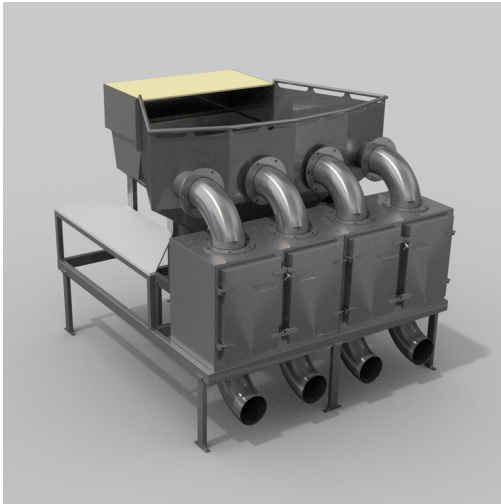
The SFI SYSTEM is easy to fit in different environments.

The flexible installation configuration makes the system compatible with most ships and boats used in aquaculture sector.

The SFI SYSTEM can be fitted on most aquaculture catamarans.

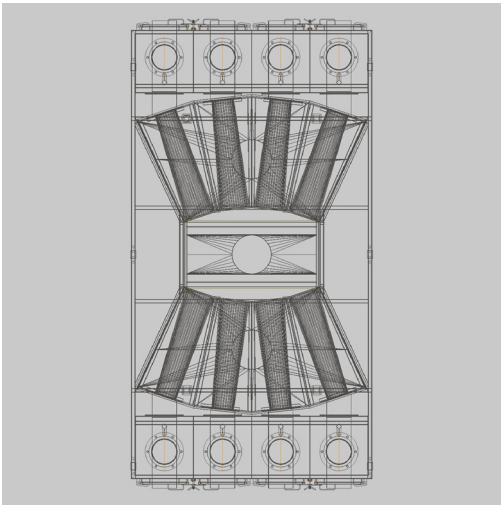
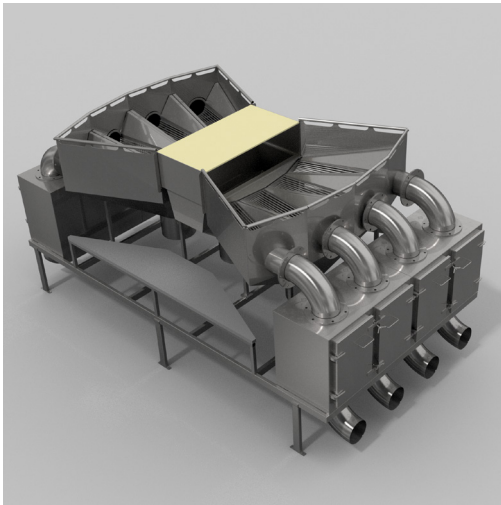
By adding standard modules, to extend and turn the fish inlet, the system can fit to any needs on the deck of small and large ships.

Single unit configuration

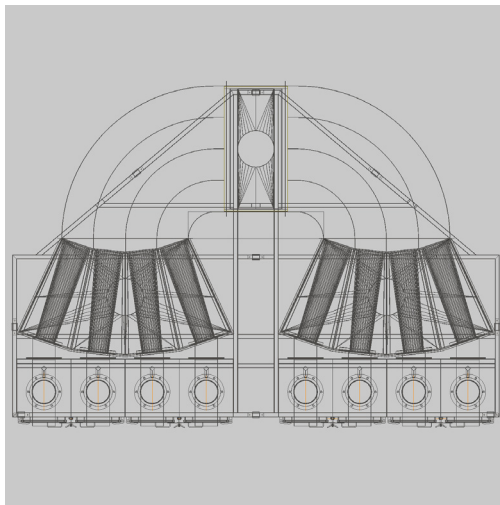


Measurement in millimeters

Compact configuration



Side-by-side configuration



High quality materials, pumps and frequency converters

Systems are built with high quality material. All parts of the system that are in contact with sea water are built using AISI 316L stainless steel.

Grundfos water pumps with marine quality Danfoss frequency converters are installed in the control unit. Pumps for four units fit in a single 10" container.

Pump installation



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