AKVA Subsea Feeder

An effective feeding system that provides increased growth and improved fish welfare

AKVA Subsea Feeder is an underwater feeding system that feeds fish at a depth of approximately 7 metres. The feed is transported to the cages through a regular air hose. Water is added and passed down through a main pipe. The water is added by using a pump that draws deep water of good hygiene, in order to ensure the required speed of the feed. The feed is then spread using a dispersion unit of 17 meters in circumference with 12 feeding units so that the feed is spread about the cages in a satisfactory manner. The feeding rate is up to 50kg of feed per minute. Experience from using the system shows the need for bird netting is not required.

The principal advantages of the AKVA Subsea Feeder:

- Fast and efficient underwater feeding (approx. 50kg/min.)
- Good feed distribution
- Good hygiene
- Easy to operate and maintain
- No bird netting required

- Certified in accordance with NS 9415.
AKVA Subsea Feeder

The feed is dispersed using a dispersion unit of approx. 17 metres in circumference with 12 separate feeding units.

The feeding cameras show that the fish now reside in deeper waters, most of the time around the feeding points.

Initial test results show that the feeding system provides rapid, efficient and hygienic feeding, good dispersion and decreased sea lice.

AKVA group is the world’s leading supplier of aquaculture technology, promoting well known brand names such as: Wavemaster, Polarcirkel, Fishtalk and Akvasmart.

Promising test results

The AKVA Subsea Feeder has been tested by the aquaculture company, Sinkaberg Hansen, and initial tests show that the fish exhibit good growth and welfare because sea lice infestation is reduced. Experience so far shows that the fish remain by the feeding point during daytime.

Further tests will be carried out over the coming year. The tests will include the use of light in combination or conjunction with the AKVA Subsea Feeder, and tests will be carried out in facilities at several locations along the coast. The tests will be carried out collaboratively with a research institute and the results of the tests will be made available to the public.

The feeding system has been developed and patented by Nærøysund Aquaservice, and will be sold, marketed and developed by the AKVA group, in close cooperation with Nærøysund Aquaservice.

- Please contact us for more information.