WEDA®

We care about pigs

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New EuroTier product

Opt.In-24 feeding system

Opt.In-24 feeding system

Optimum fish feeding spread over 24 hours

In fish farming, large quantities of cost-intensive feed are intermittently dosed out to the individual breeding tanks by air pressure with a high expenditure of energy. In the process, the feed pellets are damaged by being fed through the pipe. The Opt.In-24 dispenses feed continuously over a 24-hour period by means of special tubular augers. The pellets stay intact, energy is saved, and the fish are fed ideally.

The Opt.In-24 automated feeding system from WEDA Fish ensures optimum feed intake by optimising feeding times through the continuous dosing out of feed to several fish tanks at the same time, spread over the course of 24 hours.
The "Excellent Fish" computer programme ensures the automatic weighing of the exact quantity of feed and the subsequent dosing out of the feed quantities by controlling the speed of the dosing augers. These augers are located above the tank and release the feed in several places at the same time and continuously. The feed is trickling into the tank in configurable quantities. The animals cross the dosing out points of the augers during this time and have therefore much more often the possibility to ingest small quantities of feed during their circular swimming path.

The Opt.In-24 feeding system thus saves feed, energy and purification costs and is therefore more sustainable and more efficient than other feeding systems in fish farming.

WEDA Opt.In-24: optimum fish feeding

Opt.In-24 feeding system

Slow feeding for greater efficiency

In conventional systems, cost-intensive feed is dosed out to the different breeding tanks in large quantities at predefined time intervals by means of pressurised air. With this principle, continuous feeding over a longer period of time is not possible. Air dosing systems can only feed in 10–15-minute intervals because the pre-defined quantities are always fed one after the other per tank. In this, the feed is "shot" through pipes above the water surface.

Feeding via pressurised air: Pellets can only be fed intermittently and get destroyed

Here, the quantity of feed also has to be correspondingly large in order to be able to dose the required daily amount. This leads to higher costs, as this amount of pellets is not completely absorbed by the fish during the sinking phase, leading to feed losses. In addition, the pellets can be destroyed by the impact-like blasting out. The fish have a poorer intake of feed, and the water has to be treated and clarified more quickly afterwards.

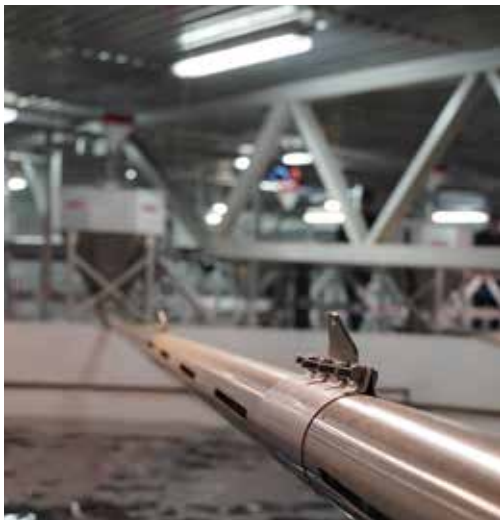

Image above: Feed pellets remain intact

Image to the left: a slow-moving auger doses 24/7

Benefits of the Opt.IN-24

- Concurrent feeding of several tanks possible
- Optimal feed intake by setting the feeding times using continuous slow feeding
- Less feed loss due to reduction of feed sinking to the bottom
- Enormous savings in energy costs
- Air transport is very energy-intensive
- Variable setting of the feed quantity per defined period of time: Feeding can be adapted to the time of day

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All information is subject to change.
Modifications are possible at any time.

WEDA Dammann & Westerkamp GmbH
Am Bahnhof 10 · 49424 Lutten · Germany

Phone: +49 4441.8705.0
Fax: +49 4441.5500
Email: info@weda.de
Internet: www.weda.de