



**industrial IT
automation
process technology**

AquaMaxima™

SpinFeed™



Feeding Units Feeding Units

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Even distribution leads to better growth using the SpinFeed Feeding System

With the SpinFeed™ feeding system the feed is evenly distributed in a nice circular area covering the whole tank - and as

known - an even distribution of the feed is a key factor for even growth and better results!

The advantages using the SpinFeed™ system includes the following features:

- Capacity up to 90 Litres (about 60 Kg)
- Individual feeding in each tank
- Possible filling by the TransFeed™ robot
- Easy-to-use feed setup
- Real-time feeding supervision
- Automatic capture of feeding data
- Spreading radius up to 4 metres

Get the complete overview in a Fully integrated solution

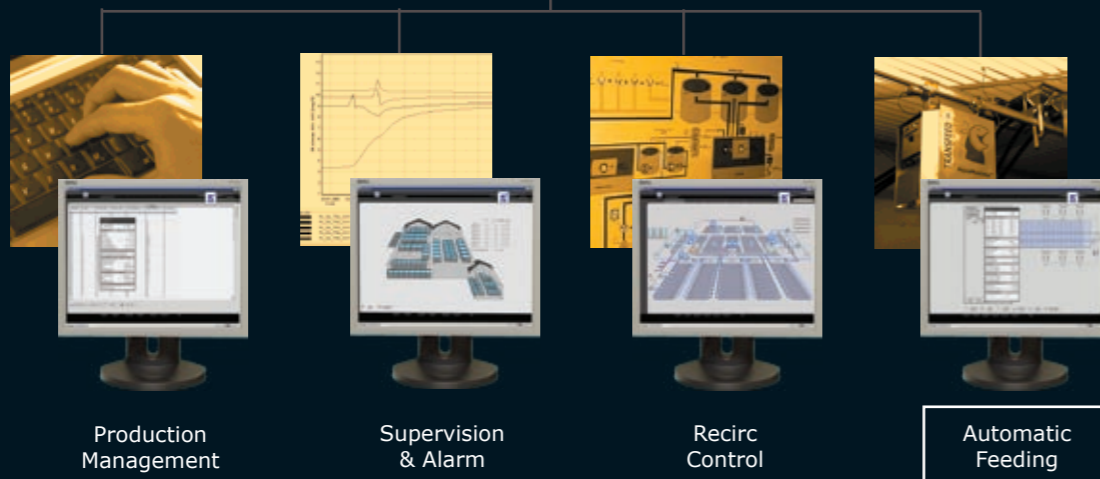
AquaMaxima™ Production-IT is a complete solution for the aquaculture industry that in one single system provides Production Management, Supervision & Alarm, Recirc Control and Automatic Feeding.

AquaMaxima™ SpinFeed system can be delivered fully integrated in the AquaMaxima™ Production-IT solution.

The power of the integration is that the feed amount for each specific tank is determined either automatically by AquaMaxima™ or manually where the desired feed amount is entered into the program, or where the planned feed amount of the day before is just repeated.

The SpinFeed™ operator software also monitors the feeding in real-time making it possible to supervise the feeding from the operator station! All feeding data is automatically captured and saved in a well-arranged Feeding Report making it easy to see how much feed has actually been fed and to compare it with the planned amount.

AquaMaxima™ Production-IT



SpinFeed™ Feeding System for Flexible and intensive feeding

The SpinFeed™ Unit consists of a feed container with the feeding unit mounted underneath.

The feeding container is delivered with a capacity up to 90 Litres corresponding to about 60 Kg of 3 mm pellets.

The SpinFeed™ Unit is build with a spreading disc mounted underneath. The spreading disc is

mounted on a centrifugal plate.

Each time a feeding takes place a short electrical impulse is given to the motor. The centrifugal plate is accelerated into very high speed of rotations in a short period of time, and hereby an amount of feed is evenly distributed in a nice circular area with a radius up to 4 metres.

Using a SpinFeed™ feeding system gives the possibility of feeding all 24 hours with a very high frequency and flexibility. This makes the SpinFeed™ system the perfect solution when very intensive feeding is needed e.g. in a hatchery.

- having easy Calibration

- automatic filling by TransFeed™ robot

- and access to control from anywhere

The SpinFeed™ unit are calibrated to define the distributed amount of feed per impulse.

The calibration is very simple. - The calibration bag is tied around the SpinFeed™. The calibration of the exact SpinFeed™ unit is started from the control software. After the "feeding" the distributed amount of feed is weighted and keyed into the program and the calibration is finished.

A SpinFeed™ system can also be delivered together with a TransFeed™ filling robot.

The TransFeed™ robot automatically fills the SpinFeed™ units when the attached sensor registers that it is necessary to fill more feed in to the SpinFeed™ hoppers. In this way a lot of hard manual labour is removed for the benefit of the workers at the fish farm.

It is possible to control the feeding from a desktop, laptop, or tablet PC, connected to the AquaMaxima™ system, or the AquaMaxima™ Server System. In this way the operator is able to control and monitor the feeding from anywhere. Either while walking around in the production area with his tablet PC or from remote via a PC connected by a secure Internet connection.

