

GroAqua HAVIDA^{65° N}

Product Catalogue

Sea Based

May 2026

GroAqua [io](https://groaqua.io)
havida.no

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Product Line Overview



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**Havida Sense
Winch**

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Service Valve



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GroBarge

Built for Exposed Sites

Designed for remote operation and tailored to your needs, GroAqua Barges combine robust engineering with our advanced GroFeeder system, handling up to 24 feed lines and 1,100 tonnes of feed.

- Increased safety
- Greater stability
- Built for growth
- Up to 24 Feed-lines
- Front/Aft/Side Feeding
- Large Silo Capacity



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Barge Refurbishment Solutions

Future-Ready Aquaculture Solutions

Scalable barge solutions designed to increase capacity, improve efficiency, and perform in the toughest marine environments.

Key Capabilities:

- Capacity upgrades
- Structural extensions
- Advanced feeding systems
- Double side solutions
- Custom-built designs

Benefits:

- Higher output
- Better efficiency
- Increased safety
- Greater stability
- Built for growth

GroLight

Robust Underwater Lighting

- Powerful 400W output
- Engineered for harsh conditions
- 120° Beam angle
- Soft start function
- Plug & play 100-230VAC
- GroCable Suspension ready



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Solaris

80K | 40K | 6K

Deep Farming Light

- High output controllable lighting
- Robust construction
- Corrosion-free components
- Engineered for deep farming



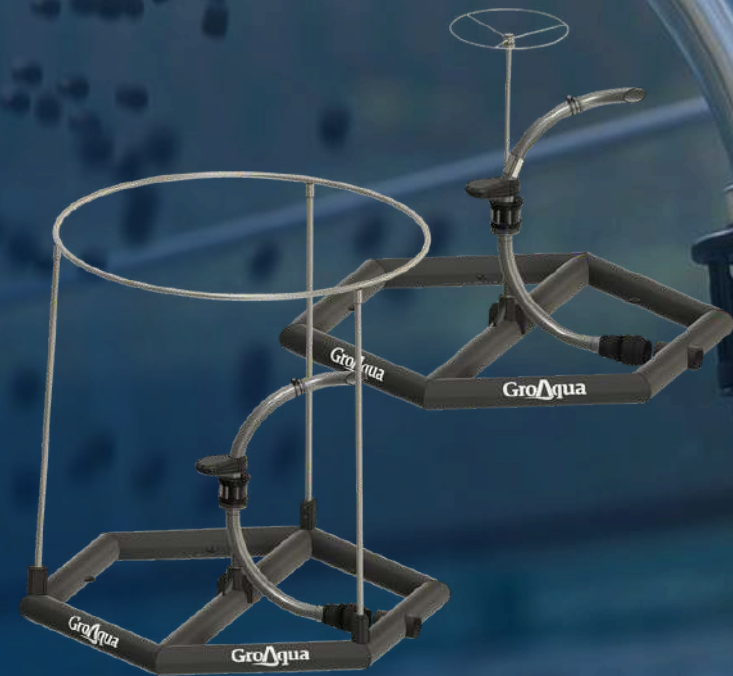
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GroSpreader

Efficient Feed Distribution

- Maintenance-free operation
- Self-cleaning bearing
- Stainless steel pipes
- Balanced load on bearing



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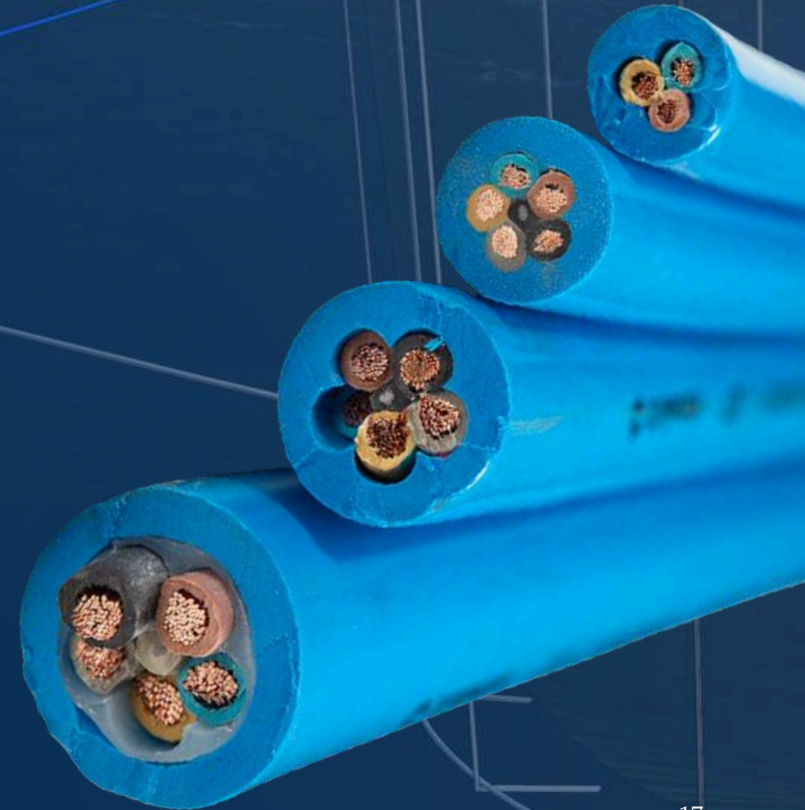
GroCable

Heavy Duty Cable

- Cage powering for exposed sites
- Superior mechanical construction
- Superior environmental resistance
- Direct seawater installation
- Ranges from 1,5mm² to 35mm²

Cross Section (mm²)

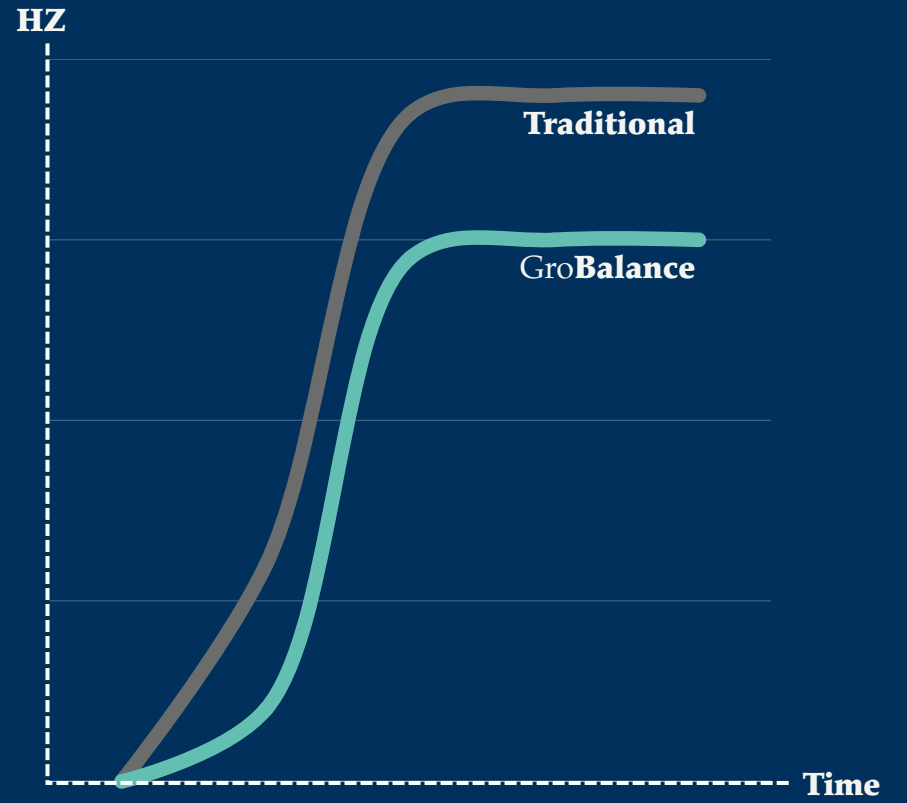
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GroBalance





GroVision

Digital Solution

GroVision is a software for controlling and monitoring the farm site. We provide fish farmers the ability to optimise the feeding process and minimise feed wastage with the help of cameras, sensors and a remotely controlled feeding system.

- Fish farm feed controls and monitoring
- Real-time pellet detection
- Autonomous feeding
- Seamless integration
- Integrates with multiple cameras



GroFeeder

Digital Solution

GroFeeder is a powerful software platform for managing feeding fish. Designed to optimize feed distribution, the system enables real-time monitoring, precise control, and automated workflows. Ensuring safe feed passage and minimal pellet loss. GroFeeder can operate as a stand-alone solution or enhance existing feed systems through smart integrations, upgrades and ROC controls.

- Modern feeding software
- Integrated feed control
- Analysis and reporting
- Seamless integrations
- Hardware compatibility with other systems

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GroCamera

Reliable Visual Control

- Full HD Wide-Angle Camera
- 140° fixed view
- Precise feed control
- Dedicated pellet detection camera
- Mortality monitoring camera
- Durable Ethernet cable
- Stable, high speed Ethernet connectivity
- PoE Powered

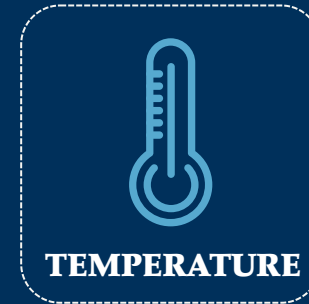




GroSensor

Plug&Play Sensor

- Seamless integration with other systems
- Temperature
- Ethernet Connectivity
- PoE Powered
- Ensure reliability via backup data
- Battery Backup



GroPower

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Lift-up Inspection Camera

LiftUp/deadfish-collector camera



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Havida Sense Camera

Smart Underwater Camera

- Full HD Wide-Angle Camera
- 360° view Pan/tilt
- High Intensity LED lights
- Integrated Sensors



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Havida Sense Winch

Camera Winch System

- Versatile camera winch system
- Dynamic Operation
- Multi-camera compatibility
- Robust mechanical construction
- Reliable performance



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Havida Sense Cage Central

Robust and Reliable Power

- Centralized power distribution
- Flexible connectivity
- User-friendly interface
- Durable construction
- Easy Installation



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Havida PowerGuard



Solutions begin with conversation

Get in touch to discuss your goals, ask questions, and discover how GroAqua can support your next step forward. - Get in touch to discuss your requirements and explore how GroAqua's solutions can support and optimise your operation

Whether you're exploring options or ready to tailor a solution, our team is here to help you maximise the value of your system

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