



# AQUACULTURE REPORT 2025

Presented By  
**FFAZ**



## More Efficiency, Less Effort:

How Automated Feeding Systems Simplify Your Daily Routine and Free Up Time for What Really Matters.

## Healthy Growth and Clean Waters:

Sustainable Solutions for Your Fish Farming Operation: Learn how consistent feeding and optimized water quality can take your farm to the next level.

## From Solar Energy to Robust Systems

Make Your Farm More Economical and Independent.

**PERSONAL LETTER 04**

Your daily routine is full of challenges only real breeders understand.

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**INDOOR INDUSTRY FARMING 05**

How do you balance growth, water quality, and efficiency? Discover how innovation and automation make your daily operations easier and more sustainable – and how Eco-Ras benefits from it.

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**OUTDOOR / OFFSHORE FARMING 08**

Robust, efficient, and reliable: Learn how to ensure consistent stock even in harsh conditions. Go sustainable with solar energy and smart solutions.

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**ARTEMIA LIQUID FEED 11**

Manage sensitive stocks efficiently: Controlled, hygienic liquid feeding systems that save time and resources.

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**SMALL-SCALE, PRIVATE FARMING & ANGLING CLUBS 14**

From Koi ponds to garden aquaculture – discover how automation reduces stress, improves water quality, and gives you more time to enjoy your fish.

## **FEEDING SYSTEMS CATALOG 2025**

**19**

From small tanks to large facilities: Our product catalog shows the variety of our feeding systems. Find the right model for your needs.

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## **CUSTOMER TESTIMONIALS**

**24**

Real stories from fish farmers and clubs around the world using our systems – and why they're convinced.

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## **OUR OFFER TO YOU**

**26**

Your success starts here: Customized solutions that support your aquaculture business.

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## **CONTACT US**

**27**

Got questions or interest? Contact us directly – we're excited to meet you and your farm.

## DEAR FISH FARMERS,

Fish farming is more than a job – it's a passion. You know what it's like to stand by your tanks early in the morning, watching the water, ensuring your fish grow in the best possible conditions. You understand the challenges, the responsibility, and the daily decisions that need to be made. And so do we.

We know what it takes to keep the balance – between feeding and care, growth and sustainability, effort and efficiency. That's why we see it as our mission to support you. Your work is key to healthy stocks, happy customers, and a sustainable aquaculture future. We want to be the partner that's got your back.

Our feeding systems are not just machines – they are the result of decades of experience and deep understanding of fish farming needs. We've listened to breeders like you talk about their challenges: uneven growth, water quality concerns, time constraints. These have inspired us to develop solutions that truly make your life easier.

Imagine your farm running smoothly, with harmoniously growing fish and more free time for the things that really matter. Our systems are designed to optimize your processes and give you the freedom to achieve your goals – whether it's expanding your farm, improving animal health, or just enjoying a more relaxed routine.

We've been part of fish farming success stories for over 35 years – and we'd be proud to help shape yours, too.

Let's work together to make your aquaculture operation simpler, more successful, and more sustainable. With a partner who understands your challenges, you can reach your full potential – for a healthy, thriving farm you can be proud of.

**Best regards,  
Your FFAZ Team**



# Indoor Industry Farming

# 01





## EFFICIENCY AND INNOVATION FOR SUSTAINABLE GROWTH

Indoor aquaculture comes with high demands: Your fish must grow evenly, the water quality must remain stable, and daily operations need to run efficiently. These exact challenges have led many fish farmers to automate their operations using modern feeding systems – just like Eco-Ras, a leading sturgeon farm for caviar production.

Eco-Ras decided years ago to equip all their tanks with our automated feeders. The goal was clear: ensure even fish growth and reliable feeding with minimal maintenance. Today, they're a prime example of the success that comes with using this technology. The systems enable consistent feeding, ensuring even weaker fish are properly nourished, leading to harmonious populations – a key factor in top-quality caviar.



But the benefits go beyond feeding. With reduced feed waste, water quality stays more stable, making maintenance easier and lowering operating costs in the long run. The fully automated control system further reduces the workload, giving Eco-Ras the freedom to focus on refining their breeding and product quality.

What works for Eco-Ras can work for your operation too. With the right solutions, you can create an environment that supports your stocks, reduces your workload, and helps you achieve your goals more efficiently.



*Want to see it in action?  
Scan the QR code or click the link to watch our video showing  
how efficient and reliable our systems are:*

[Watch Video](#)

# Outdoor & Offshore Farming

# 02







## PROGRESS THAT TRANSFORMS YOUR DAILY ROUTINE

Working in outdoor or offshore aquaculture comes with its own unique challenges. Large tanks, unpredictable weather, and the need for consistent growth with minimal resources require smart solutions. This is where new possibilities emerge – making your job easier while improving your farming operation sustainably.

With automated feeding, you significantly boost your farm's efficiency. Feed is distributed evenly across large areas, ensuring all fish get what they need. Your stock grows evenly, sorting effort and feed loss drop drastically. That gives you more time to focus on what truly matters – whether it's expanding your farm or taking the next big step in your business.



For remote or offshore sites, solar-powered systems are a sustainable option. These provide independence from external power sources and ensure reliable operation, even under tough weather conditions. Our systems are built to withstand rain and wind – helping you run a stable, cost-effective farm.

You stay in control: Smart control systems allow you to tailor everything to your specific needs – without complex settings or constant monitoring. Your farm works for you, not the other way around.

With smart solutions, you gain peace of mind: less stress, smoother processes, and the confidence that your farm is ready to face any challenge. This marks a new era in outdoor and offshore farming – where success is no longer left to chance.

Artemia  
Liquid Feed  
03





## EFFICIENT FEEDING FOR SENSITIVE STOCKS

When it comes to raising young fish with Artemia, it's all about the right balance: even feeding, clean water, and minimal residue. With the right systems, this process becomes not only easier but also more sustainable – promoting healthy stocks and efficient operations.

Efficient feeding means your animals get exactly what they need while reducing water pollution from leftover feed. By designing the outlets smartly and minimizing dirt buildup in the system, you create an environment where your fry can thrive. At the same time, easy cleaning makes regular maintenance a breeze.



Automated systems handle daily feedings for you and ensure consistent supply for your animals. That lets you focus on other important tasks without having to constantly monitor the feeding process. Especially in sensitive breeding, this gives you more safety and stability.

**Flexibility is key:** Your systems can be quickly adapted to changing needs, helping you keep your farming operation at a consistently high level. With less effort and reliable results, you can maintain stock quality and ensure long-term success.

Raising young fish requires attention and care – and with the right solutions, what used to be a challenge becomes a smooth and efficient routine that saves you time and energy.

Small-Scale, Private  
Farming & Angling Clubs

04





## MORE CONTROL, FEWER WORRIES

Keeping and breeding koi is an art – but also a daily challenge. Getting the right amount of feed at the right time, maintaining water quality, and observing the animals requires not only expertise, but also a lot of time and attention. Even small mistakes can cause stress for the fish, harm their health, or disturb the sensitive balance of the pond.

**Automated feeding systems** provide the solution. They enable a consistent supply of feed, tailored exactly to your koi's needs. Feed is distributed in regular intervals so that all fish – from the strongest to the weakest – benefit equally. The result? Less feeding stress, improved resistance to disease, and more even growth.





Another major benefit: **protecting water quality**. Overfeeding becomes a thing of the past, and fewer leftovers mean less strain on your filter system. Your pond stays clear and healthy, making maintenance much easier. With an automated solution, you can ensure your fish are well cared for – even when you're not around.

For koi lovers, the pond is more than just a hobby – it's a passion that demands perfection. With a feeding system that is reliable and individually adjustable, you reduce your daily tasks and gain more control over your beloved fish. Whether during busy workdays or while on vacation – your koi are always in good hands.

**Breeding and keeping koi** comes with many challenges. But with the right support, it becomes easier and more predictable. Enjoy your pond without constantly checking the clock – and focus on what brings you the most joy: the koi themselves.



*See our systems in action  
Scan the QR code or click here:*

[Watch Video](#)





## Fishing Clubs – Healthy Stocks for Happy Members

For fishing clubs, having a healthy and diverse fish population is key to satisfied members and successful community work. But maintaining waters comes with many challenges:

How do you make sure all fish get enough feed?  
How do you prevent overfeeding and water pollution?  
And how do you do it all with limited resources?

A fishing club in southern Germany tackled these exact problems with a simple but powerful solution: automated feeding. Before using our systems, feeding was often a time-consuming and inconsistent task for members. This led to uneven fish growth and issues with water quality due to leftover feed.



Since installing automated feeders, the club's daily operations have changed significantly. The devices ensure that feed is distributed in controlled quantities and at regular intervals.

The result? More uniform fish growth, reduced feeding stress, and a noticeable improvement in water quality. Smaller and weaker fish especially benefit from this consistent feeding, improving the overall health and balance of the stock.

Another major advantage: Members can now focus on other important tasks, like water maintenance or organizing events. New members also benefit from a modern, well-functioning infrastructure – making the club even more attractive.

This example shows how easy it can be to achieve sustainable and efficient water management. Automated systems help clubs reach their goals without overburdening their volunteers. Less work, healthier fish, and happier members – an investment that pays off in every way.



FEEDING SYSTEMS

# PRODUCT CATALOG 2025

| Presented By

**FFAZ**

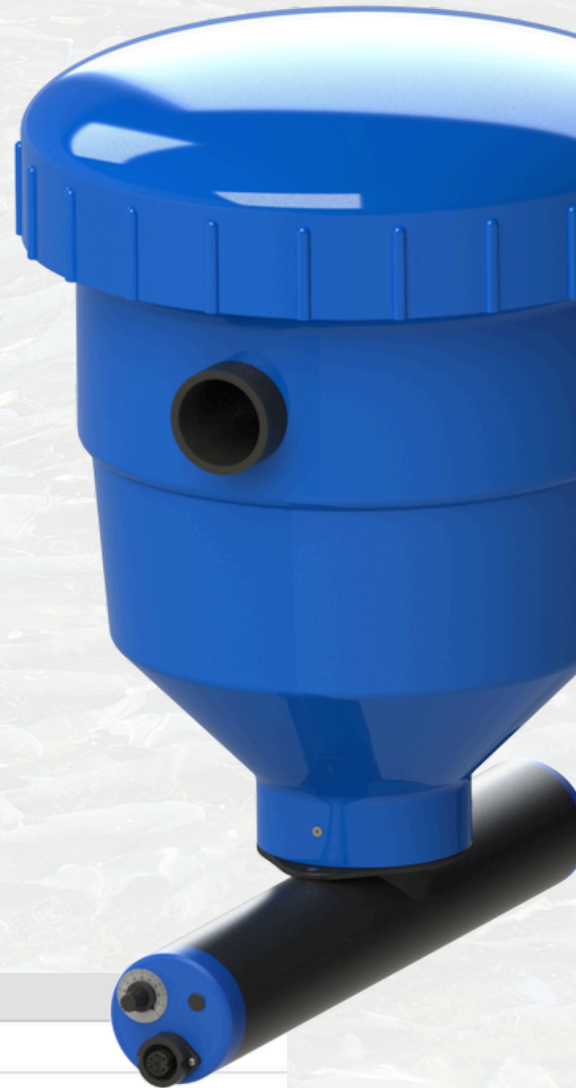


# AUTOMATIC FEEDER CLASSIC

The FFAZ Classic Feeder was specially developed to meet the needs of modern fish farming. It combines ease of use with high efficiency and is ideal for a wide range of applications – from indoor farms to outdoor facilities and small-scale operations.

Thanks to its reliable screw conveyor, the feeder ensures even feed distribution. Whether large or small tanks, the system can be easily adapted to your requirements. Made with durable materials and energy-efficient technology, it is suitable for both everyday use and long-term operation under demanding conditions.

Its intuitive control system allows you to precisely tailor the feeding process to your animals' needs. This way, your stock benefits from healthy growth, while you save valuable time and optimize feed costs.

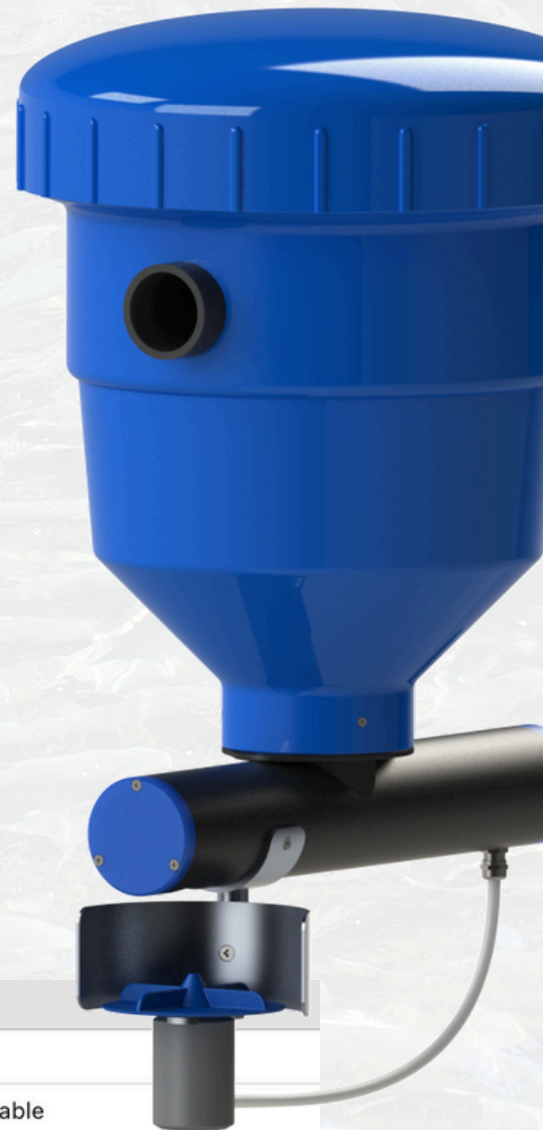


Property	Details
Application Area	Indoor, Outdoor
Feeding Mechanism	Screw conveyor (for feed sizes from 0.5 mm to 9 mm)
Container Sizes	2 L (1.2 kg), 4 L (2.4 kg), 10 L (6 kg), 25 L (15 kg), 50 L (30 kg), 100 L (60 kg), 300 L (200 kg)
Distribution Type	Adjustable, 1-point and 2-point via roof distributor
Control Systems	Adjustable feeding times and pauses (e.g. 10 seconds feeding, 60 seconds pause)
Power Supply	24 V DC
Material	Corrosion-resistant, weatherproof materials, food-safe
Operating Mode	Automatic interval feeding
Mounting Options	Suitable for tank edges, frames or suspended installation
Control	Compatible with ZK812 controllers or custom controls
Maintenance	Easily accessible parts, quick cleaning
Accessories	Mounting brackets, optional control systems
Special Feature	Reduced feed loss, less feed breakage
Feeding Configuration	Interval feeding

# AUTOMATIC FEEDER CLASSIC WITH SPREAD DISK

The FFAZ Classic Feeder with Dispenser expands on the reliable feeding technology by adding flexible scattering options. With unlimited programmable feeding times per day, you can perfectly tailor the supply to your farm's needs – efficiently, stress-free, and resource-saving.

The control system lets you easily adjust intervals, feeding duration, and quantities. This results in even growth, while overfeeding and feed waste are reduced. With robust materials and user-friendly operation, this feeder is perfect for both indoor and outdoor systems of all sizes.



Property	Details
Application Area	Indoor, Outdoor
Control Systems	ZK812 compatible, manually or programmatically adjustable
Feeding Configuration	Adjustable feeding times and pauses (e.g. 10 seconds feeding, 60 seconds pause)
Feeding Mechanism	Screw conveyor (for feed sizes from 0.5 mm to 9 mm)
Container Sizes	2 L (1.2 kg), 4 L (2.4 kg), 10 L (6 kg), 25 L (15 kg), 50 L (30 kg), 100 L (60 kg), 300 L (200 kg)
Throwing Distance	Adjustable, from 1 m to 18 m
Power Supply	24 V DC
Material	Corrosion-resistant, weatherproof materials, food-safe
Maintenance	Easily accessible parts, quick cleaning
Mounting Options	Flexibly adaptable: tank edges, frames, or suspended installation
Accessories	Mounting brackets, optional control systems
Special Feature	Reduced feed loss, less feed breakage

# AUTOMATIC FEEDER ARTEMIA

Feeding young fish comes with specific challenges: precision, hygiene, and efficiency are crucial. The FFAZ Artemia Feeder is specifically designed for liquid feeding and helps ensure your young stock is optimally supplied – with minimal effort and maximum control.

The intelligent design allows even distribution of liquid feed, ensuring all fish receive sufficient nutrition. Thanks to the optimized outlet position and reduced residue, your water stays cleaner, and system maintenance is easier.

With easy programmability, you can customize feeding intervals and quantities to meet the exact requirements of your young stock. Whether for small tanks or large facilities, the Artemia feeder can be flexibly integrated and ensures your sensitive fish grow in the best possible conditions.



Property	Details
Application Area	Feeding of juveniles
Feeding Mechanism	Optimized outlet position for liquid distribution
Container Sizes	Adjustable capacities depending on demand
Feeding Configuration	Adjustable intervals and quantities for maximum flexibility
Material	Corrosion-resistant materials, easy to clean
Water Quality	Minimal residue for cleaner water and healthy stocks
Mounting Options	Compatible with various tank layouts
Maintenance	Easy to clean, low maintenance requirements
Special Feature	Suitable for sensitive species, ideal for hygienic feeding processes

# CONTROL UNIT ZK812

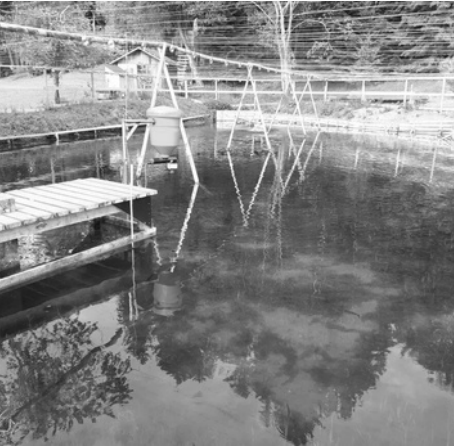
The FFAZ Control Unit ZK812 gives you full control over your feeding processes. With unlimited feeding times per day and simple operation, it ensures reliable and efficient feed supply for your stock.

Whether indoor or outdoor systems – the ZK812 is versatile and can control multiple feeders simultaneously. The result: reduced feed losses, improved growth, and less manual effort – helping you optimize your aquaculture operation for the long term.



Property	Details
Compatibility	FFAZ feeder Classic, Outdoor Plus, Artemia and other models
Feeding Times	Unlimited programmable feeding intervals
Operation	Intuitive user interface, programmable directly on the device
Adjustability	Adjustable feeding duration, intervals, and quantities
Control	Standard for 1 to 8 feeders
Power Supply	12–230V, depending on application
Mounting Options	Compact design, easy to install
Robustness	Suitable for indoor use only
Special Feature	Decentralized control, extremely low failure rate

# Customer Testimonials







*We are thrilled about the opportunity to establish a long-term partnership with FFAZ.*

*The support we receive strengthens our position in Peru and enables us to offer innovative solutions for fish farming.*

*We are confident that our cooperation will continue to grow.*

*The professionalism and commitment of FFAZ give us the confidence that we will be successful together.*

*Kaj Andean  
Fish Farming Corporation E.I.R.L., Peru*



*Many thanks for the outstanding support from FFAZ, which gives us great joy and confidence to continue working intensively on spreading this innovative technology.*

*The tests at Salmones Aysen have delivered very good results, which led to a request for 13 automatic feeders with 60-kg containers and two additional spare units.*

*We are also using FFAZ technology in other fish farms and achieving positive results.*

*We particularly appreciate the opportunity to collaborate on improvements, such as optimizing the spread for very fine feed.*

*FFAZ is a valuable partner for us, helping to sustainably increase efficiency and quality in the fish farming industry.*

*Claudio Ulloa Navarro  
Kanasaka SPA, Chile*

# Our Offer to You – Individual and Tailored

In this report, you've gained a comprehensive insight into how fish farms around the world are optimizing their operations using our feeding systems. Whether large indoor or outdoor facilities, sensitive Artemia cultures, or passionate Koi keepers – our customers rely on solutions that simplify processes, support healthy stocks, and make their everyday work easier.

Now it's your turn to take your own operation to the next level. Via our website, you can easily request a customized offer. With just a few details about your facility and your requirements, we'll create a solution that perfectly fits your operation.

Scan the QR code to go directly to our inquiry form. We'll guide you through a few simple questions, and our team will put together an offer that supports your farm and ensures long-term success.

Do you still have questions? We're happy to advise you personally and help you choose the best options.

Start your journey with us today – for simpler, more efficient, and more successful fish farming.



**Scan me!**

[Check out our website](#)



## Contact Us – We're Here for You

Do you have questions about our feeding systems?  
Would you like to learn more about individual solutions or request a quote directly?

Our team is always available for you.  
Together, we'll find the best solution for your operation – personal, professional, and straightforward.  
You can reach us at:

- Telefon: +49 (0) 7572 7652 040
- E-Mail: [info@ffaz-fischfutterautomaten.de](mailto:info@ffaz-fischfutterautomaten.de)
- Webseite: [www.ffaz-fischfutterautomaten.de](http://www.ffaz-fischfutterautomaten.de)

FFAZ GmbH  
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88512 Mengen, Germany

Simply send us your request – we'll get back to you as soon as possible.  
We look forward to getting to know you and your farm!