

Aquaculture Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-07-28 | 130 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Aquaculture Equipment Market was valued at USD 3.7 billion in 2024 and is estimated to grow at a CAGR of 5.7% to reach USD 6.3 billion by 2034. The market growth is driven by increasing consumer demand for healthy, protein-rich seafood and the urgent need to scale up sustainable aquaculture practices. As seafood becomes a regular part of daily meals in various regions, the industry is under growing pressure to meet demand through reliable, eco-friendly technologies. Farmers are now more dependent than ever on advanced aquaculture systems that support efficiency and environmental compliance.

These innovations help boost production while preserving fish health and minimizing ecological harm, making them essential in modern aquaculture. Automation, smart farming, and resource-efficient solutions are rapidly being adopted, allowing producers to operate at scale while managing water quality and fish welfare. With tighter sustainability regulations and rising environmental awareness among consumers and investors, the industry has seen increasing investments in specialized systems for waste management, sustainable feeding, and low-impact operations—all dependent on precision-engineered equipment.

In 2024, the aeration systems segment generated USD 900 million, growing at a projected CAGR of 6% through 2034. These systems are vital, as they ensure the right oxygen levels in water—an essential element for fish health, survival, and growth. Without proper aeration, fish farms risk mass die-offs in a matter of hours. Unlike other components that can be added or scaled over time, aeration is mandatory from the beginning of any aquaculture setup. This makes it the most critical category within the equipment sector.

The commercial aquaculture farms segment held a 66% share in 2024 and is expected to grow at a CAGR of 5.9% during 2025-2034, attributed to rising seafood consumption and the depletion of natural fish stocks, which has accelerated the need for industrial-scale fish farming. These commercial operations require advanced, dependable equipment to manage large-scale production, high stocking densities, and constant monitoring. This includes automated feeding, water quality systems, and fish handling tools designed to optimize growth and ensure sustainability.

United States Aquaculture Equipment Market generated USD 600 million in 2024. This leadership is the result of supportive federal policies, advanced technological infrastructure, and growing domestic demand for sustainably farmed seafood. Regulatory frameworks like the National Aquaculture Act and guidance from NOAA have created favorable conditions for growth, encouraging

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

investment and innovation in the sector. The implementation of a modernized national aquaculture strategy has further reinforced the country's commitment to sustainability, food security, and climate adaptation.

Key players operating in the Global Aquaculture Equipment Market include Innovasea, LINN Geratebau, PentairAES, Blue Ridge Aquaculture, Xylem, Frea Aquaculture Solutions, Merck & Co., CPI Equipment, eWater Aquaculture Equipment Technology, Pioneer, ABB, Asakua, Grundfos Holding A/S, INVE Aquaculture, and AKVA. To stay competitive and expand their market share, companies in the aquaculture equipment industry are heavily investing in R&D to create more efficient, sustainable, and automated technologies. A major focus is on smart systems, including IoT-enabled sensors, automatic feeders, and real-time monitoring tools, which offer operational insights and boost productivity. Many firms are entering strategic partnerships or acquisitions to expand their geographic presence and product portfolios. Additionally, they are customizing solutions for different water environments and species, which helps them address diverse client needs. Sustainability is a key theme, with companies aligning their innovations to meet stricter environmental standards and customer expectations around ethical seafood farming.

□

<h2>Comprehensive Market Analysis and Forecast</h2>

- Industry trends, key growth drivers, challenges, future opportunities, and regulatory landscape
- Competitive landscape with Porter's Five Forces and PESTEL analysis
- Market size, segmentation, and regional forecasts
- In-depth company profiles, business strategies, financial insights, and SWOT analysis

Table of Contents:

Report Content

Chapter 1 Methodology and scope

- 1.1 Market scope and definition
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

Chapter 2 Executive summary

- 2.1 Industry 360 synopsis
- 2.2 Key market trends
 - 2.2.1 Regional
 - 2.2.2 By equipment type
 - 2.2.3 By application
 - 2.2.4 By end use
 - 2.2.5 By distribution channel
- 2.3 CXO perspectives: strategic imperatives
 - 2.3.1 Key decision points for industry executives

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2.3.2 Critical success factors for market players
- 2.4 Future outlook and strategic recommendations

Chapter 3 Industry insights

- 3.1 Industry ecosystem analysis
 - 3.1.1 Supplier landscape
 - 3.1.2 Profit margin
 - 3.1.3 Value addition at each stage
 - 3.1.4 Factor affecting the value chain
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.2 Industry pitfalls & challenges
 - 3.2.3 Opportunities
- 3.3 Growth potential analysis
- 3.4 Future market trends
- 3.5 Technology and innovation landscape
 - 3.5.1 Current technological trends
 - 3.5.2 Emerging technologies
- 3.6 Price trends
 - 3.6.1 By region
 - 3.6.2 By equipment type
- 3.7 Regulatory landscape
 - 3.7.1 Standards and compliance requirements
 - 3.7.2 Regional regulatory frameworks
 - 3.7.3 Certification standards
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

Chapter 4 Competitive landscape, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
 - 4.2.1 By region
 - 4.2.1.1 North America
 - 4.2.1.2 Europe
 - 4.2.1.3 Asia Pacific
 - 4.2.1.4 Latin America
 - 4.2.1.5 MEA
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Key developments
 - 4.6.1 Mergers & acquisitions
 - 4.6.2 Partnerships & collaborations
 - 4.6.3 New product launches
 - 4.6.4 Expansion plans

Chapter 5 Market Estimates & Forecast, By Equipment type, 2021 - 2034 (\$Billion, Million Units)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1 Key trends
- 5.2 Aeration System
- 5.3 Water Treatment Systems
- 5.4 Feeding Systems
- 5.5 Fish Handling Equipment
- 5.6 Monitoring and Control Systems
- 5.7 Harvesting and Grading Systems
- 5.8 Others (pumps, lights, etc.)

Chapter 6 Market Estimates & Forecast, By Application, 2021 - 2034 (\$Billion, Million Units)

- 6.1 Key trends
- 6.2 Land-based
- 6.3 Sea-based

Chapter 7 Market Estimates & Forecast, By End use, 2021 - 2034 (\$Billion, Million Units)

- 7.1 Key trends
- 7.2 Commercial aquaculture farms
- 7.3 Hatcheries and nurseries
- 7.4 Ornamental fish and aquarium trad
- 7.5 Research and educational institutions
- 7.6 Others recreational fishing, fisheries, and aquaculture departments, etc.

Chapter 8 Market Estimates & Forecast, By Distribution Channel, 2021 - 2034 (\$Billion, Million Units)

- 8.1 Key trends
- 8.2 Direct
- 8.3 Indirect

Chapter 9 Market Estimates & Forecast, By Region, 2021 - 2034 (\$Billion, Million Units)

- 9.1 Key trends
- 9.2 North America
 - 9.2.1 U.S.
 - 9.2.2 Canada
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 France
 - 9.3.4 Spain
 - 9.3.5 Italy
 - 9.3.6 Netherlands
- 9.4 Asia Pacific
 - 9.4.1 China
 - 9.4.2 Japan
 - 9.4.3 India
 - 9.4.4 Australia
 - 9.4.5 South Korea
- 9.5 Latin America
 - 9.5.1 Brazil

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.5.2 Mexico
- 9.5.3 Argentina
- 9.6 MEA
 - 9.6.1 South Africa
 - 9.6.2 Saudi Arabia
 - 9.6.3 UAE

Chapter 10 Company Profiles

- 10.1 ABB
- 10.2 AKVA
- 10.3 Asakua
- 10.4 Blue Ridge Aquaculture
- 10.5 CPI Equipment
- 10.6 eWater Aquaculture Equipment Technology
- 10.7 Frea Aquaculture Solutions
- 10.8 Grundfos Holding A/S
- 10.9 Innovasea
- 10.10 INVE Aquaculture
- 10.11 LINN Geratebau
- 10.12 Merck & Co.
- 10.13 Pentair AES
- 10.14 Pioneer
- 10.15 Xylem

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Aquaculture Equipment Market Opportunity, Growth Drivers, Industry Trend
Analysis, and Forecast 2025 - 2034**

Market Report | 2025-07-28 | 130 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-09"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com