

# Agricultural Pumps Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Rotodynamic Pumps, Positive Displacement Pumps), By Power Source (Electricity-Grid Connection, Diesel Or Petrol, Solar), By HP, By End-Use

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## Abstracts

The Agricultural Pumps Market is valued at USD 6.7 billion in 2025 and is projected to grow at a CAGR of 5.2% to reach USD 10.5 billion by 2034. The agricultural pumps market is growing due to the increasing need for efficient irrigation systems, water management, and crop protection solutions in modern farming. Pumps play a crucial role in transporting water, chemicals, and fertilizers, ensuring that crops receive adequate nutrients and hydration. With the rising concerns about water scarcity, climate change, and the demand for high-yield crops, the adoption of irrigation pumps is accelerating across the globe. Farmers are increasingly using water-efficient pumps in drip irrigation and sprinkler systems to optimize water usage and improve crop productivity. Additionally, the growing trend toward automation and smart farming is further driving the need for high-tech, energy-efficient pumps that enhance the sustainability of farming operations. The agricultural pumps market is experiencing innovations in energy-efficient and solar-powered pump systems. As farmers focus on reducing their environmental footprint and lowering operational costs, the adoption of renewable energy-powered pumps is gaining momentum. The increasing use of automated irrigation systems, powered by IoT and AI technologies, is driving demand for pumps with smart features that can adjust water flow based on real-time data. The market is also benefiting from the expansion of greenhouse farming and controlled-environment agriculture (CEA), where pumps are essential for maintaining optimal growing conditions. Moreover, the development of durable, corrosion-resistant pumps for use in harsh agricultural environments is helping to extend the life of these systems and improve overall performance. The agricultural pumps market is expected to see

continued advancements in IoT integration, allowing pumps to be remotely monitored and controlled for improved efficiency and water conservation. The shift toward precision irrigation will require more sophisticated pump systems that can deliver precise water volumes and nutrient mixes to individual crops. The growing demand for sustainable and energy-efficient farming practices will drive the development of pumps that reduce energy consumption and carbon emissions. Additionally, the rise of vertical farming and urban agriculture will create new opportunities for specialized pump systems tailored to these modern farming methods, further expanding the market.

### Key Insights Agricultural Pumps Market

**Rise of Solar-Powered and Energy-Efficient Pumps:** The adoption of renewable energy sources is increasing in the agricultural pumps market, reducing costs and improving sustainability.

**Integration of IoT and Automation in Irrigation Systems:** Smart irrigation systems with real-time data monitoring are driving demand for advanced pump technologies.

**Growth of Precision Irrigation:** Precision irrigation systems require pumps that deliver precise amounts of water and nutrients to crops.

**Increased Use in Greenhouse and Vertical Farming:** Controlled-environment agriculture is driving the demand for pumps that support efficient water and nutrient delivery.

**Focus on Durability and Corrosion-Resistance:** The development of pumps with enhanced durability and resistance to corrosive elements is boosting market growth.

**Water Scarcity and Efficiency Needs:** As water becomes increasingly scarce, farmers are turning to more efficient pumps to optimize water use.

**Adoption of Smart Farming Technologies:** The integration of IoT and automation is driving the demand for advanced pumps with intelligent capabilities.

**Increasing Demand for Sustainable Agriculture:** The focus on eco-friendly farming practices is encouraging the use of energy-efficient and solar-powered pumps.

**Government Support for Efficient Irrigation Systems:** Policies promoting efficient irrigation and water management are stimulating market growth.

**High Initial Costs and Maintenance Requirements:** The upfront investment and ongoing maintenance of advanced pump systems can be a barrier for small-scale farmers.

## Agricultural Pumps Market Segmentation

### By Type

Rotodynamic Pumps

Positive Displacement Pumps

### By Power Source

Electricity-Grid Connection

Diesel Or Petrol

Solar

### By HP

0.5-3

4-15

16-30

31-40

>40

## By End-Use

Irrigation

Livestock Watering

## Key Companies Analysed

Grundfos Holding A/S

Xylem Inc.

KSB SE & Co KGaA

Flowserve Corporation

Valmont Industries Inc.

Jain Irrigation Systems Ltd.

Franklin Electric Co Inc.

Sulzer Ltd.

WILO SE

Zhejiang Doyin Pump Industry Group Co. Ltd.

Lindsay Corporation

Cornell Pump Company

CNP (India) Private Limited

Kirloskar Brothers Limited

CRI Pumps Private Limited

The Weir Group PLC

Mahindra EPC Irrigation Limited

Zhejiang Leo Group Pumps Co. Ltd.

Mono Pumps Limited

Texmo Pumps and Systems Limited

National Pump Company (P) Ltd.

Shakti Pumps (India) Limited

Pentair plc

Falcon Pumps Private Limited

Walrus Pumps Co Ltd.

Zhejiang Haicheng Suprasuny Pump Co. Ltd.

Navitas Solar Pumps Private Limited

Cat Pumps (US) Inc.

VestJet AS

Tsurumi Manufacturing Co. Ltd.

## Agricultural Pumps Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Agricultural Pumps Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

### Countries Covered

North America — Agricultural Pumps market data and outlook to 2034

United States

Canada

Mexico

Europe — Agricultural Pumps market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Agricultural Pumps market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Agricultural Pumps market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Agricultural Pumps market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Agricultural Pumps value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Agricultural Pumps industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps,

sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Agricultural Pumps Market Report

Global Agricultural Pumps market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Agricultural Pumps trade, costs, and supply chains

Agricultural Pumps market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Agricultural Pumps market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Agricultural Pumps market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Agricultural Pumps supply chain analysis

Agricultural Pumps trade analysis, Agricultural Pumps market price analysis, and Agricultural Pumps supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Agricultural Pumps market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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