

Global Egg Handling and Packaging Equipment Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Egg Handling and Packaging Equipment market size is expected to reach \$ 896 million by 2032, rising at a market growth of 3.2% CAGR during the forecast period (2026-2032).

Egg Handling and Packaging equipment refers to automated or semi-automated equipment used after egg collection and before sales, transportation or further processing. The equipment is designed to wash, inspect, grade, tray-load, carton-pack, case-pack and convey eggs in a standardized and efficient manner. Their core value lies in improving processing efficiency, reducing manual handling, lowering egg breakage, enhancing grading accuracy and ensuring consistent packaging quality.

In 2025, global Egg Handling and Packaging Equipment production reached approximately 15.3 K Units, with an average global market price of around US\$ 46 k per Unit.

The upstream supply chain mainly includes stainless steel frames and sheet metal, food-grade plastics and rubber parts, conveyor belts, rollers, suction cups, brushes, pumps, nozzles, motors, gearboxes, servo drives, programmable controllers, human-machine interfaces, cameras, lighting systems, sensors, weighing modules, pneumatic components and industrial software. Representative upstream suppliers include Siemens, ABB, etc.

Downstream applications include Chicken Farm and Egg Processing Factory. In Chicken Farm, customers are layer farms, egg farms and integrated egg producers that need on-farm collection, pre-sorting, washing, grading and packing before distribution; representative customer names include Cal-Maine Foods and Rose Acre Farms, etc.

The gross margin of Egg Handling and Packaging Equipment is usually about 25%?40%.

In terms of product type, Egg Packaging Machine is mainly used for tray loading, carton packing, carton closing, labeling, case packing and final packaging arrangement. It connects graded eggs with commercial sales formats and is suitable for retail shell-egg packaging, wholesale packaging and factory shipment packaging. Egg Grading Machine is the core equipment in the processing line, classifying eggs by weight, size, appearance quality and grade, enabling producers to supply different retail channels, foodservice customers, processing uses and customer specifications. Egg Washing Machine is used to remove dirt, feathers, manure and other surface contamination from eggshells, usually through spraying, brushing, temperature control, drying and conveying systems, and is suitable for markets with higher shell-egg hygiene requirements. Egg Detector is used to identify cracked eggs, dirty eggs, leaking eggs, blood-spot eggs, deformed eggs and other defective eggs through candling, vision recognition, optical inspection, acoustic detection or intelligent algorithms. Overall, Egg Packaging Machine focuses on commercialization and final packing, Egg Grading Machine focuses on quality and size management, Egg Washing Machine focuses on hygiene treatment, and Egg Detector focuses on quality screening. Together, these product types form a modern automated egg handling and packaging system.

In terms of application, Chicken Farm is an important downstream market for Egg Handling and Packaging Equipment, especially for medium and large layer farms and integrated egg producers. These customers usually need to complete initial conveying, cleaning, inspection, grading and packaging after egg collection in order to reduce manual handling, lower breakage and improve the standardization of eggs before delivery. For Chicken Farm customers, the key purchasing factors include processing capacity, equipment stability, breakage control, washing performance, grading accuracy, ease of operation and maintenance cost. Egg Processing Factory places more emphasis on large-scale processing, continuous production, quality traceability and final packaging capability. Its demand usually includes high-speed grading lines, automatic inspection systems, automatic packing systems, case-packing systems and integration with storage, coding, labeling and logistics systems. Compared with Chicken Farm, Egg Processing Factory generally requires higher automation, stronger food-safety management, batch traceability, equipment utilization and full-line integration capability, making it an important application market for higher-end egg handling and packaging equipment.

In terms of market driving factors, the market is supported by the increasing scale and standardization of egg consumption, which pushes farms and processors to improve automated handling capacity and drives demand for Egg Packaging Machine, Egg Grading Machine, Egg Washing Machine and Egg Detector. Rising food-safety and traceability requirements encourage enterprises to strengthen process consistency and quality control in washing, inspection, grading and packaging. The expansion of large-scale layer farming increases daily egg handling volume, making manual sorting and packing less suitable for efficiency, hygiene and stability requirements. Retail channels, supermarkets, e-commerce platforms and foodservice supply chains are setting higher requirements for egg size, appearance, packaging and labeling, which supports the upgrade of automatic grading and packing systems. Rising labor costs and labor shortages also encourage Chicken Farm and Egg Processing Factory operators to replace repetitive manual operations with automated equipment. Advances in detection technology, vision recognition, weighing control, automatic conveying and intelligent management systems are improving machine accuracy, speed and reliability, further strengthening customer willingness to invest.

In terms of market restraints, the initial investment in Egg Handling and Packaging Equipment remains relatively high, especially for high-speed grading lines, automatic detection systems and fully integrated packing lines, which may create purchasing pressure for small and medium-sized farms and regional processors. Eggs are fragile products, so conveying, orientation, washing, inspection and packing processes require high equipment precision; poor equipment design may increase breakage and product loss. Regulatory requirements for egg washing, packaging, labeling and food safety vary across regions, increasing equipment adaptation and certification costs. Customer differences in egg size, packaging format, plant layout and capacity requirements often lead to higher customization needs, longer delivery cycles and more demanding after-sales service. Some traditional farms still rely heavily on manual handling and may be cautious about automation investment, payback period and operator training. Equipment performance is also affected by washing water quality, consumables, spare-parts availability, staff training and maintenance response speed; insufficient service capability may reduce long-term customer satisfaction.

This report studies the global Egg Handling and Packaging Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Egg Handling and Packaging Equipment and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores

demand trends and competition, as well as details the characteristics of Egg Handling and Packaging Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Egg Handling and Packaging Equipment total production and demand, 2021-2032, (Units)

Global Egg Handling and Packaging Equipment total production value, 2021-2032, (USD Million)

Global Egg Handling and Packaging Equipment production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Egg Handling and Packaging Equipment consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Egg Handling and Packaging Equipment domestic production, consumption, key domestic manufacturers and share

Global Egg Handling and Packaging Equipment production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Egg Handling and Packaging Equipment production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Egg Handling and Packaging Equipment production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Egg Handling and Packaging Equipment market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MOBA, Sanovo Group, NABEL, Prinzen, Kyowa Machinery, Seyang, Plasson Do Brasil, ZENYER, Mintai, Sime-Tek, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Egg Handling and Packaging Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Egg Handling and Packaging Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Egg Handling and Packaging Equipment Market, Segmentation by Type:

Egg Packaging Machine

Egg Grading Machine

Egg Washing Machine

Egg Detector

Global Egg Handling and Packaging Equipment Market, Segmentation by Capacity:

Small-capacity Machines

Medium-capacity Machines

Large-capacity Machines

Global Egg Handling and Packaging Equipment Market, Segmentation by Sales Channel:

Direct Sales

Indirect Sales

Global Egg Handling and Packaging Equipment Market, Segmentation by Application:

Chicken Farm

Egg Processing Factory

Companies Profiled:

MOBA

Sanovo Group

NABEL

Prinzen

Kyowa Machinery

Seyang

Plasson Do Brasil

ZENYER

Mintai

Sime-Tek

V?LKER GmbH

EggTec Korea

Yamasa Brazil

Guangxing Group

Damtech

ZOREL

Riva Selegg

Key Questions Answered:

1. How big is the global Egg Handling and Packaging Equipment market?
2. What is the demand of the global Egg Handling and Packaging Equipment market?
3. What is the year over year growth of the global Egg Handling and Packaging Equipment market?
4. What is the production and production value of the global Egg Handling and Packaging Equipment market?
5. Who are the key producers in the global Egg Handling and Packaging Equipment market?
6. What are the growth factors driving the market demand?

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