

Global Automatic Egg Grading and Packing Machine Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Automatic Egg Grading and Packing Machine market size is expected to reach \$ 763 million by 2032, rising at a market growth of 3.2% CAGR during the forecast period (2026-2032).

Automatic Egg Grading and Packing Machine refers to an automated or semi-automated equipment system used for shell egg handling, weight grading, quality sorting, conveying, tray or carton filling, and final packing before eggs enter farm distribution, retail channels, foodservice supply, or further processing. The machine is designed to improve grading accuracy, reduce manual handling, lower egg breakage, enhance hygiene control, and support standardized packaging.

In 2025, global Automatic Egg Grading and Packing Machine production reached approximately 11.61 k Units, with an average global market price of around US\$ 51 k per Unit.

The upstream supply chain mainly includes stainless steel, carbon steel and fabricated structural parts, aluminum profiles, plastic and rubber food-grade contact parts, conveyor belts, motors, pneumatic components, sensors, bearings, fasteners, etc. Typical global suppliers include Outokumpu, Acerinox, POSCO, Baosteel, Siemens, Schneider Electric, Rockwell Automation, Mitsubishi Electric, etc.

Downstream applications include Chicken Farm and Egg Processing Factory. Typical customers include large egg producers and shell-egg processors such as Cal-Maine Foods, Rose Acre Farms, Hillandale Farms, Herbruck's Poultry Ranch, Ovostar Union, ISE Foods, Rembrandt Foods, etc.

The gross margin of Automatic Egg Grading and Packing Machines is usually higher than that of simple agricultural machinery but lower than that of pure software or consumables. The gross margin range is generally about 20%-40%.

Automatic Egg Grading and Packing Machine covers Semi-automatic Egg Grading and Packing Machines and Fully Automatic Egg Grading and Packing Machines, and serves two core application scenarios: Chicken Farm and Egg Processing Factory.

Semi-automatic Egg Grading and Packing Machines are mainly used by small and medium-sized egg producers, regional farms, and packing stations that need to improve grading and packing efficiency but still retain part of the manual operation. These machines usually automate weighing, basic grading, egg transfer, and partial packing, while operators may still handle egg loading, tray replacement, carton handling, and finished-product collection. Fully Automatic Egg Grading and Packing Machines are positioned for larger-scale and more industrialized users. They can integrate automatic egg infeed, conveying, weighing, quality inspection, grading, denesting, tray or carton packing, case packing, stacking, palletizing, and traceability management. Compared with semi-automatic models, fully automatic machines have higher processing capacity, higher unit price, stronger system integration value, and greater demand in large-scale Chicken Farm and Egg Processing Factory operations.

In terms of application, Chicken Farm represents the farm-side use of Automatic Egg Grading and Packing Machine, where eggs are collected from laying houses and then graded and packed near the production site. This application values compact layout, stable operation, low egg breakage, easy cleaning, labor saving, and compatibility with farm packaging formats. Egg Processing Factory represents centralized shell egg sorting and packing, branded retail packaging, foodservice packaging, export packaging, and pre-sorting before further egg processing. Compared with Chicken Farm, Egg Processing Factory usually requires higher throughput, more advanced quality inspection, stronger automation, multiple packaging formats, better traceability, and closer integration with upstream receiving and downstream logistics systems.

The market growth of Automatic Egg Grading and Packing Machine is driven by several structural factors. Large-scale layer farming continues to increase the demand for standardized egg grading and automated packing. Labor shortages and rising labor costs encourage farms and processing plants to replace manual grading and packing with semi-automatic or fully automatic systems. Food safety, hygiene, and traceability requirements push producers to adopt equipment with cleaner handling, lower contamination risk, and better data recording. Retail chains, supermarkets, foodservice

companies, and export customers require more consistent egg size, grade, appearance, and packaging quality. The expansion of branded shell eggs and premium egg products also supports demand for more accurate grading and attractive consumer packaging. In addition, higher egg consumption, modernization of egg supply chains, and the need to reduce breakage and product loss all support continued investment in automatic egg grading and packing equipment.

The market also faces several restraints. The upfront investment cost of fully automatic machines is relatively high, which limits adoption among small farms and low-margin producers. Semi-automatic machines remain attractive in price-sensitive markets where labor cost is still low. Equipment maintenance, spare parts availability, operator training, and after-sales service capability can affect customer purchasing decisions, especially in emerging markets. Fully automatic systems usually require stable egg supply, sufficient production scale, and suitable plant layout, which may not be available for all users. Product customization for different egg sizes, tray formats, carton types, labeling requirements, and local packaging standards increases project complexity and delivery time. In addition, fluctuations in steel, electronic components, sensors, motors, and logistics costs may pressure equipment prices and supplier margins, while disease outbreaks in poultry farming can delay investment cycles and reduce short-term capital expenditure.

This report studies the global Automatic Egg Grading and Packing Machine production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automatic Egg Grading and Packing Machine 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 Automatic Egg Grading and Packing Machine that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automatic Egg Grading and Packing Machine total production and demand, 2021-2032, (Units)

Global Automatic Egg Grading and Packing Machine total production value, 2021-2032, (USD Million)

Global Automatic Egg Grading and Packing Machine production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production

site)

Global Automatic Egg Grading and Packing Machine consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Automatic Egg Grading and Packing Machine domestic production, consumption, key domestic manufacturers and share

Global Automatic Egg Grading and Packing Machine production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Automatic Egg Grading and Packing Machine production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Automatic Egg Grading and Packing Machine production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Automatic Egg Grading and Packing Machine 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 Automatic Egg Grading and Packing Machine market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (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 Automatic Egg Grading and Packing Machine Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automatic Egg Grading and Packing Machine Market, Segmentation by Type:

Semi-automatic Egg Grading and Packing Machines

Fully Automatic Egg Grading and Packing Machines

Global Automatic Egg Grading and Packing Machine Market, Segmentation by Capacity:

Small-capacity Machines

Medium-capacity Machines

Large-capacity Machines

Global Automatic Egg Grading and Packing Machine Market, Segmentation by Sales Channel:

Direct Sales

Indirect Sales

Global Automatic Egg Grading and Packing Machine 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 Automatic Egg Grading and Packing Machine market?
2. What is the demand of the global Automatic Egg Grading and Packing Machine market?
3. What is the year over year growth of the global Automatic Egg Grading and Packing Machine market?
4. What is the production and production value of the global Automatic Egg Grading and Packing Machine market?
5. Who are the key producers in the global Automatic Egg Grading and Packing Machine market?
6. What are the growth factors driving the market demand?

Contents

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