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Global Automatic Egg Grading and Packing Machine Market Growth 2026-2032

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Abstracts

The global Automatic Egg Grading and Packing Machine market size is predicted to grow from US$ 579 million in 2025 to US$ 734 million in 2032; it is expected to grow at a CAGR of 3.4% from 2026 to 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.

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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

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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.

LP Information, Inc. (LPI) ' newest research report, the ?Automatic Egg Grading and Packing Machine Industry Forecast? looks at past sales and reviews total world Automatic Egg Grading and Packing Machine sales in 2025, providing a comprehensive analysis by region and market sector of projected Automatic Egg Grading and Packing Machine sales for 2026 through 2032. With Automatic Egg Grading and Packing Machine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Automatic Egg Grading and Packing Machine industry.

This Insight Report provides a comprehensive analysis of the global Automatic Egg Grading and Packing Machine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automatic Egg Grading and Packing Machine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Automatic Egg Grading and Packing Machine market.

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This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automatic Egg Grading and Packing Machine and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automatic Egg Grading and Packing Machine.

This report presents a comprehensive overview, market shares, and growth opportunities of Automatic Egg Grading and Packing Machine market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Semi-automatic Egg Grading and Packing Machines

Fully Automatic Egg Grading and Packing Machines

Segmentation by Capacity:

Small-capacity Machines

Medium-capacity Machines

Large-capacity Machines

Segmentation by Sales Channel:

Direct Sales

Indirect Sales

Segmentation by Application:

Chicken Farm

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- Egg Processing Factory

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia
- Europe
  - Germany
  - France
  - UK
  - Italy

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Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

MOBA

Sanovo Group

NABEL

Prinzen

Kyowa Machinery

Seyang

Plasson Do Brasil

ZENYER

Mintai

Sime-Tek

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V?LKER GmbH

EggTec Korea

Yamasa Brazil

Guangxing Group

Damtech

ZOREL

Riva Selegg

Key Questions Addressed in this Report
What is the 10-year outlook for the global Automatic Egg Grading and Packing Machine market?
What factors are driving Automatic Egg Grading and Packing Machine market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Automatic Egg Grading and Packing Machine market opportunities vary by end market size?
How does Automatic Egg Grading and Packing Machine break out by Type, by Application?

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