

Global Egg Grading Machines Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Egg Grading Machines market size was valued at US\$ 147 million in 2025 and is forecast to a readjusted size of US\$ 182 million by 2032 with a CAGR of 3.0% during review period.

Egg Grading Machines are specialized egg handling equipment used to classify eggs before packing, distribution, hatching, or further processing. These machines sort eggs according to weight, size, shell condition, cleanliness, cracks, and quality grade, helping producers improve product consistency, reduce manual handling, lower breakage rates, and increase packing efficiency.

In 2025, global Egg Grading Machines production reached approximately 4187 Units, with an average global market price of around US\$ 34 k per Unit.

The upstream supply chain of Egg Grading Machines mainly includes food-grade stainless steel, aluminum profiles, carbon-steel structural parts, engineering plastics, rubber rollers, food-grade conveyor belts, modular belts, bearings, chains, motors, etc. Representative global suppliers include Outokumpu, Acerinox, POSCO, Nippon Steel, Baosteel, Siemens, Schneider Electric, ABB, etc.

The downstream applications of Egg Grading Machines are mainly Chicken Farm and Egg Processing Factory. Representative downstream customers include large egg producers and integrated farming groups such as Cal-Maine Foods, Rose Acre Farms, Versova, Hillandale Farms, Herbruck's Poultry Ranch, Noble Foods, ISE Foods, CP Foods, etc.

The gross margin of Egg Grading Machines varies significantly by automation level, capacity, configuration, after-sales service content, and the degree of customization. The gross margin range is generally about 20%-40%.

Product Type Analysis: Manual Egg Grading Machines are mainly used in small-scale or cost-sensitive operations where operators still handle loading, inspection, sorting, and packing, while the machine provides basic weighing or grading assistance. Semi-automatic Egg Grading Machines represent a transitional solution for producers that need higher efficiency than manual systems but do not yet require a fully integrated production line; these machines usually automate conveying, weighing, and grading while keeping some manual steps in egg loading, tray handling, or final packing. Fully Automatic Egg Grading Machines are the most advanced product type, integrating egg feeding, conveying, washing, drying, inspection, weighing, grading, coding, packing, and sometimes data traceability or robotic handling into a continuous system, making them suitable for large chicken farms and egg processing factories with high throughput and strict quality requirements.

Application Analysis: Chicken Farm is an important application scenario because farms need on-site grading to reduce labor intensity, separate different egg sizes, remove cracked or dirty eggs, and improve the quality consistency of eggs before delivery to wholesalers, retailers, or processing facilities. Egg Processing Factory is another major application area, where grading machines are usually integrated with washing, drying, inspection, coding, packing, carton handling, and logistics systems to support large-scale commercial egg packaging and processed egg supply chains. Compared with farm-side use, egg processing factories generally require higher automation, larger capacity, stronger food-safety design, better data management, and more flexible packaging compatibility.

Market Driving Factors: The market for Egg Grading Machines is driven by the modernization of chicken farms, rising labor costs, increasing demand for standardized egg quality, stronger food-safety and traceability requirements, and the expansion of large-scale egg processing factories. Growing retail and foodservice demand for uniform egg size and packaging quality also supports investment in grading equipment. At the same time, producers are increasingly adopting Semi-automatic Egg Grading Machines and Fully Automatic Egg Grading Machines to reduce manual handling, improve throughput, reduce egg breakage, and support digital production management. The development of optical inspection, crack detection, weighing sensors, coding systems, and automated packing technology is further improving the value of high-end grading machines. In emerging markets, farm consolidation and the shift from small-

scale manual sorting to mechanized egg handling are creating additional replacement and first-time purchase demand.

Market Restraints: The market also faces several restraints, including high initial investment for Fully Automatic Egg Grading Machines, limited affordability for small chicken farms, and long payback periods when egg prices are volatile. Equipment maintenance, operator training, spare-parts availability, and after-sales service capability can also influence purchasing decisions, especially in developing regions. For smaller farms, Manual Egg Grading Machines or simple Semi-automatic Egg Grading Machines may remain sufficient, limiting the penetration speed of high-end systems. Product customization requirements for different egg sizes, packaging formats, farm layouts, and processing workflows can increase project complexity and delivery time. In addition, fluctuations in stainless steel, electronic components, sensors, motors, and control systems may affect production costs, while food-safety regulations and hygiene design requirements can raise technical barriers for manufacturers.

This report is a detailed and comprehensive analysis for global Egg Grading Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Egg Grading Machines market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Egg Grading Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Egg Grading Machines market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Egg Grading Machines market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Egg Grading Machines

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Egg Grading Machines market based on the following parameters - company overview, sales quantity, revenue, 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.

Market Segmentation

Egg Grading Machines market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Manual Egg Grading Machines

Semi-automatic Egg Grading Machines

Fully Automatic Egg Grading Machines

Market segment by Capacity

Small-capacity Machines

Medium-capacity Machines

Large-capacity Machines

Market segment by Sales Channel

Direct Sales

Indirect Sales

Market segment by Application

Chicken Farm

Egg Processing Factory

Major players covered

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

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Egg Grading Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Egg Grading Machines, with price, sales

quantity, revenue, and global market share of Egg Grading Machines from 2021 to 2026.

Chapter 3, the Egg Grading Machines competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Egg Grading Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Egg Grading Machines market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Egg Grading Machines.

Chapter 14 and 15, to describe Egg Grading Machines sales channel, distributors, customers, research findings and conclusion.

Contents

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