

Global Optical Food Sorting Machines Market Growth 2025-2031

<https://marketpublishers.com/r/G1FD9E1E64FEN.html>

Date: October 2025

Pages: 142

Price: US\$ 3,660.00 (Single User License)

ID: G1FD9E1E64FEN

Abstracts

The global Optical Food Sorting Machines market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Optical sorting (sometimes called digital sorting) is the automated process of sorting solid products using cameras and/or lasers. Optical sorters are in widespread use in the food industry worldwide, with the highest adoption in processing harvested foods such as potatoes, fruits, vegetables and nuts where it achieves non-destructive, 100 percent inspection in-line at full production volumes. The technology is also used in pharmaceutical manufacturing and nutraceutical manufacturing, tobacco processing, waste recycling and other industries. Compared to manual sorting, which is subjective and inconsistent, optical sorting helps improve product quality, maximize throughput and increase yields while reducing labor costs.

United States market for Optical Food Sorting Machines is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Optical Food Sorting Machines is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Optical Food Sorting Machines is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Optical Food Sorting Machines players cover Tomra, Buhler, Key Technology, Binder, Satake, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Optical Food Sorting Machines Industry Forecast” looks at past sales and reviews total world Optical Food Sorting Machines sales in 2024, providing a comprehensive analysis by region and market sector of projected Optical Food Sorting Machines sales for 2025 through 2031. With Optical Food Sorting Machines sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Optical Food Sorting Machines industry.

This Insight Report provides a comprehensive analysis of the global Optical Food Sorting Machines 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 Optical Food Sorting Machines portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Optical Food Sorting Machines market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Optical Food Sorting Machines 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 Optical Food Sorting Machines.

This report presents a comprehensive overview, market shares, and growth opportunities of Optical Food Sorting Machines market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

x-ray Sorting Systems

Color Sorting Systems

NIR Sorting Systems

Segmentation by Application:

Agricultural Seeds

Fruit and Vegetable

Coffee and Tea

Nut

Other

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

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.

Tomra

Buhler

Key Technology

Binder

Satake

Allgaier Werke

Cimbria

CP Manufacturing

Greefa

Newtec

National Recovery Technologies

Pellenc ST

Raytec Vision

Sesotec

Steinert

Meyer Optoelectronic Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Optical Food Sorting Machines market?

What factors are driving Optical Food Sorting Machines market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Optical Food Sorting Machines market opportunities vary by end market size?

How does Optical Food Sorting Machines break out by Type, by Application?

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