

Global Plastic Injection Molding Machine Market Size Study, by Technology (Hydraulic, Electric, Hybrid), by End-use (Automotive, Consumer Goods, Packaging, Electronics, Construction, Medical, Others), and Regional Forecasts 2022-2032

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Abstracts

The Global Plastic Injection Molding Machine Market was valued at approximately USD 12.4 Billion in 2023 and is poised to grow at a compound annual growth rate (CAGR) of 4.8% during the forecast period of 2024-2032. The widespread adoption of injection-molded components across industries such as automotive, consumer goods, electronics, packaging, construction, and medical devices has driven demand for technologically advanced plastic injection molding machines.

Technological innovations, including foam injection molding, gas-assisted injection molding, co-injection molding, and multi-component molding, are revolutionizing the industry. These advancements enable the production of complex, high-precision components while reducing waste and production costs. Electric plastic injection molding machines, characterized by their energy efficiency, precision, and lower operational costs, are witnessing increasing adoption across industries. Hybrid machines, which combine the strengths of hydraulic and electric technologies, provide manufacturers with versatile solutions for producing diverse plastic products.

The automotive industry remains a key driver, with growing demand for lightweight components to enhance fuel efficiency. Injection molding machines are extensively used to manufacture automotive parts, including bumpers, dashboards, and trim components. Similarly, the medical sector is experiencing a surge in demand for injection molding machines to produce high-precision, small-scale medical devices and disposables.

Regionally, Asia Pacific dominated the market in 2023, driven by rapid industrialization and infrastructural development. North America and Europe are also significant markets, benefiting from advanced manufacturing capabilities and growing demand in the packaging and electronics sectors. Emerging economies in Latin America and the Middle East & Africa present lucrative opportunities due to increasing investments in industrialization and infrastructure.

Major market players included in this report are:

Arburg GmbH + Co KG

Haitian International

KraussMaffei

Milacron

NISSEI PLASTIC INDUSTRIAL CO., LTD.

ENGEL AUSTRIA GmbH

Chen Hsong Holdings Limited

UBE Machinery Inc.

Husky Technologies

WITTMANN Technology GmbH

The detailed segments and sub-segment of the market are explained below:

By Technology:

Hydraulic

Electric

Hybrid

By End-use:

Automotive

Consumer Goods

Packaging

Electronics

Construction

Medical

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

UK

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscapes with country-level data of major regions.

Competitive landscape with insights on major market players.

Strategic analysis of key business approaches and future market recommendations.

Analysis of competitive structures and market dynamics.

Demand-side and supply-side evaluation of market trends.

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