

# Global Plastic Injection Molding Machines Market Set to Reach \$12.28 Billion by 2032 | Astute Analytica

CHICAGO, NY, UNITED STATES, November 19, 2024 /EINPresswire.com/ -- The global plastic injection molding machines market, valued at \$12.28 billion in 2023, is anticipated to witness robust growth, reaching a market size of \$12.28 billion by 2032, expanding at a CAGR of 5.00% during the forecast period 2023-2032.

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Plastic injection molding machines are a cornerstone of modern manufacturing, offering efficiency, precision, and scalability in producing high-quality plastic products. Industries such as automotive, packaging, electronics, and healthcare are driving demand, thanks to the versatility and reliability of these machines.

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The plastic injection molding machines markets is shifting toward all-electric machines at an unprecedented rate. Energy efficiency, precision, and sustainability have become the driving forces in this transition. In comparison to hydraulic machines, all-electric models boast up to 70% energy savings, lower noise levels, and better repeated reliability. This technology can maintain a repeatability of +/- 0.1mm, which translates to consistent quality across parts and less waste from scrapped materials. The global demand for all-electric machines has surged and is expected to reach \$4.48 billion by 2032 at a CAGR of 57.5%. As they continue being adopted across automotive, medical and consumer goods industries.

Nypro is a key player in the global contract manufacturing and they've been quick to hop aboard the electric machine train in the plastic injection molding machines market. Investing heavily into

these new products has paid off for them so far with claims that energy consumption dropped by half while productivity increased by 20%. Meanwhile Tessa Plastics has over one hundred electric machines installed across their New York facilities alone as of now. They cite improved preciseness, faster cycle times, reduced maintenance requirements as some benefits worth mentioning while also noting the reduced carbon footprint since adopting this technology. With more companies catching on expect these sustainable advancements to keep shaping the industry's future in plastic manufacturing.

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□□□□□□□□□□□□□□ □□□□□□□□□□□□: Increasing emphasis on recyclable plastics and energy-efficient production techniques.

□□□□□□□□□□□□□□ □□□□□□□□□□□□: Integration of Industry 4.0, automation, and real-time monitoring in injection molding systems.

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The growth trajectory reflects the essential role plastic injection molding machines play in meeting global manufacturing demands, particularly in lightweight components, durable consumer goods, and eco-friendly packaging solutions.

For businesses aiming to stay ahead, understanding these evolving dynamics will be critical in harnessing the market's full potential.

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- Arburg GmbH & Co. KG
- Borche North America Inc.
- Chen Hsong Holdings Limited
- Dongshin Hydraulic Co. Ltd.
- Dr. Boy GmbH & Co. KG
- Engel Austria GmbH
- Fu Chun Shin Machinery Manufacture Co. Ltd.
- Haitian International Holdings Limited
- Hillenbrabd, Inc.
- Husky Injection Molding Systems
- Krauss Maffei Group
- Shibaura Machine Co Ltd.

Sumitomo Heavy Industries  
The Japan Steel Works  
Ube Industries, Ltd.  
Other Prominent players

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Electric  
Hydraulic  
Hybrid

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0-200 Ton Force  
201-500 Ton Force  
Above 500 Ton Force

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Vertical Injection Molding Machines  
Horizontal Injection Molding Machines

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Ultrasonic Welding  
Pad Printing  
Silk Screen  
Job Assembly  
Hot Plate Welding  
Others

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Direct  
Distributor

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Automotive  
Electronics and Telecommunication  
Healthcare

Packaging  
Aerospace  
Food & Beverage  
Construction  
Consumer Goods  
Others

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North America  
The U.S.  
Canada  
Mexico  
Europe  
Western Europe  
The UK  
Germany  
France  
Italy  
Spain  
Rest of Western Europe  
Eastern Europe  
Poland  
Russia  
Rest of Eastern Europe  
Asia Pacific  
China  
India  
Japan  
Australia & New Zealand  
South Korea  
ASEAN  
Rest of Asia Pacific  
Middle East & Africa (MEA)  
Saudi Arabia  
South Africa  
UAE  
Rest of MEA  
South America  
Argentina  
Brazil  
Rest of South America

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