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Plastic Extrusion Machines Market Report by Machine Type (Single-screw, Twin-screw), Process Type (Blown Film Extrusion, Sheet/Film Extrusion, Tubing Extrusion, and Others), Material (PVC, Polypropylene (PP), Polyethylene (PE), and Others), Solution (New Sales, Aftermarket), Application (Building and Construction, Medical, Transportation, Consumer Goods, and Others), and Region 2024-2032

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Abstracts

The global plastic extrusion machines market size reached US$ 6.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US$ 9.7 Billion by 2032, exhibiting a growth rate (CAGR) of 4.1% during 2024-2032.

Plastic extrusion machines, also known as plastic extruders, refer to mechanical systems employed in a high-volume manufacturing process to melt and transform raw plastic into a continuous profile. They comprise hopper, barrel, temperature controller, screw drive, and screw drive motor. They work by heating, melting, and transporting the plastic through a screw to press it in a mold or work with it freehand. They help speed up the workflow and volume while ensuring consistency through the manufactured products. In recent years, plastic extrusion machines have gained traction across various industries due to their high speed, bulk production advantage, greater flexibility, easy to operate process, and excellent production quality.

Plastic Extrusion Machines Market Trends:
The escalating demand for extruded plastic products from numerous end use sectors, such as consumer goods, packaging, automotive, and construction, represents the

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primary factor driving the market growth. Additionally, there has been a significant shift toward automated plastic processing and manufacturing to enhance productivity and efficiency, thereby increasing the demand for plastic extrusion machines. Along with this, the growing awareness regarding the benefits of the plastic extrusion process for manufacturing fixed cross-sectional products with high accuracy is augmenting the product demand. Besides this, the rising integration of plastic extrusion machines with advanced technologies, such as artificial intelligence (AI), is catalyzing the market growth. Furthermore, several leading manufacturers are focusing on the development of innovative product variants with improved quality and energy efficiency. For instance, Japan Steel Works, Ltd. Other factors, including the rising investments in the industrial sector, technological advancements, extensive research and development (R&D) activities, and increasing sales of consumer goods, are also creating a positive market outlook.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global plastic extrusion machines market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on machine type, process type, material, solution and application.

Breakup by Machine Type:

Single-screw
Twin-screw

Breakup by Process Type:

Blown Film Extrusion
Sheet/Film Extrusion
Tubing Extrusion
Others

Breakup by Material:

PVC
Polypropylene (PP)
Polyethylene (PE)
Others

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Breakup by Solution:

New Sales
Aftermarket

Breakup by Application:

Building and Construction
Medical
Transportation
Consumer Goods
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

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Competitive Landscape:
The competitive landscape of the industry has also been examined along with the profiles of the key players being Apex Engineers, Bausano & Figli S.p.A., China National Chemical Corporation, Costruzioni Meccaniche Luigi Bandera SpA, DEGUMA-SCH?TZ GmbH, Extrusion Technik USA Inc., Hillenbrand Inc., Kabra ExtrusionTechnik Ltd., Mitsuba Mfg. Co. Ltd., Reifenh?user GmbH & Co. KG Maschinenfabrik, Shibaura Machine Co. Ltd., The Japan Steel Works Ltd., Well Shyang Machinery Co. Ltd. and Windsor Machines Limited.

Key Questions Answered in This Report

1. What was the size of the global plastic extrusion machines market in 2023?
2. What is the expected growth rate of the global plastic extrusion machines market during 2024-2032?
3. What are the key factors driving the global plastic extrusion machines market?
4. What has been the impact of COVID-19 on the global plastic extrusion machines market?
5. What is the breakup of the global plastic extrusion machines market based on the machine type?
6. What is the breakup of the global plastic extrusion machines market based on the process type?
7. What is the breakup of the global plastic extrusion machines market based on material?
8. What is the breakup of the global plastic extrusion machines market based on the solution?
9. What is the breakup of the global plastic extrusion machines market based on the application?
10. What are the key regions in the global plastic extrusion machines market?
11. Who are the key players/companies in the global plastic extrusion machines market?

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