

Plastic Extrusion Machines Market By Machine Type (Single-screw, Twin-screw), By Process type (Blown film extrusion, Sheet/film extrusion, Tubing extrusion, Others), By Solution (New sales, Aftermarket), By Application (Building and construction, Medical, Transportation, Consumer Goods, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2024-04-01 | 292 pages | Allied Market Research

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Report description:

The global plastic extrusion machines market was valued at \$ 6,315.1 million in 2019, and is projected to reach \$ 11,002.1 million by 2032, registering a CAGR of 4.8% from 2019 to 2032.

 Plastic extrusion machines are engineered systems that are specifically built to manufacture large quantities of simultaneous profile extruded plastic products. Several manufacturers offer a wide range of plastic extrusion machines in different sizes, types, and variations to cater to the diverse needs of end customers. Industries such as automotive, packaging, healthcare, and others experience a significant demand for different types of plastic extrusion machines.

The demand for plastic extrusion machines constantly remains high owing to their ability to improve workflow and increase production volume with ensuring product stability. Such machines have gained popularity across various industries owing to their fast operation, high production capacity, user-friendly interface, flexibility, and exceptional production quality. Additionally, the global focus on energy conservation has also contributed to the growth of the plastic extrusion machine market. Furthermore, producers are actively working on developing reliable and efficient twin-screw plastic extrusion machines, that is expected to drive market share growth in the forecast period. The global plastic extrusion machine market is further bolstered by the advantages of faster production and increased manufacturing rates.

In addition, the global plastic extrusion machine market is experiencing growth owing to the rising demand for plastics in the packaging industry. These machines are capable of producing various types of plastics, with a specific focus on materials that are

free from pollutants and resistant to toxins. This trend is especially popular in the packaging sector, resulting in an increased market share for plastic processing machines worldwide. The automotive industry presents a unique opportunity for manufacturers to introduce innovative plastic products that cater to consumer preferences for fuel-efficient and high-performance light vehicles. Furthermore, the construction and oil and gas sectors are expected to contribute to the demand for plastic extrusion machines in the coming years. The construction industry, plays a major role in driving the plastic extrusion machines growth.

By type, the twin-screw segment is anticipated to dominate the global plastic extrusion machine market throughout the projected period. the industry's growth is driven by the various benefits provided by these machines compared to their single-screw counterparts. These advantages include improved productivity, advanced mixing capabilities, and the ability to perform multiple processing functions such as mixing, melting, and venting in a single extruder. Such occurrences are anticipated to contribute to the progress of the industry.

By Process type, the blown film extrusion segment is estimated to hold a major share of the global plastic extrusion machine market throughout the projected period. The rise in utilization of packaging films in the food & beverage industry is closely linked to the advancement of the blown film plastic extrusion machine sector. These machines serve both barrier and non-barrier packaging needs. Moreover, blown film plastic extrusion machines facilitate the handling of a wide array of polymers like LDPE, HDPE, and LLDPE, driving market expansion. Additionally, these machines boast high efficiency compared to other options, further boosting market growth.

By Application, the building & construction segment is anticipated to dominate the global plastic extrusion machine market during the projected period. By utilizing a plastic extrusion machine, it becomes feasible to achieve highly accurate mass production of extruded plastic components. This machine provides an energy-efficient method and also serves as an optimal solution for manufacturing a large quantity of continuous profile plastic products. The expansion of plastic extrusion machine market globally is primarily fueled by the increasing need for extruded plastic products on a global scale. Moreover, the demand for plastic extrusion machines is significantly boosted by the growing requirement for extruded components from diverse end-use sectors including automotive, packaging, construction, and other.

The global plastic extrusion machine market is segmented based on machine type, solution, process type, application, and region. Based on machine type, the market is divided into twin-screw and single screw. Based on solution, the market is bifurcated into new sales and aftermarket. Based on process type, the market is divided into blown film extrusion, sheet/film extrusion, tubing extrusion, and others. Based on application, the market is divided into building & construction, medical, transportation, consumer goods, and others and Region wise, the market is analyzed across North America, Europe, Asia-Pacific, LA, and MEA.

Competition Analysis

Key companies profiled in the plastic extrusion machine market include?Costruzioni Meccaniche Luigi Bandera SpA, KOLSITE GROUP (Kabra Extrusiontechnik Ltd.), Sinochem Holdings Corporation Ltd., Hillenbrand Inc., REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, Bausano & Figli S.p.A., The Japan Steel Works, LTD., Windsor Machines Pvt. Ltd., Shibaura Machine Co. Ltd., and Union Officine Meccaniche Spa.

Key Benefits For Stakeholders

- The report provides an extensive analysis of the current and emerging plastic extrusion machine market trends and dynamics.
- In-depth plastic extrusion machine market analysis is conducted by constructing market estimations for key market segments between 2019 and 2032.
- Extensive analysis of the plastic extrusion machine market is conducted by following key product positioning and monitoring of top competitors within the market framework.
- A comprehensive analysis of all the regions is provided to determine the prevailing opportunities.
- The global plastic extrusion machine market forecast analysis from 2019 to 2032 is included in the report.
- The key players within the plastic extrusion machine market are profiled in this report and their strategies are analyzed thoroughly, which helps understand the competitive outlook of the plastic extrusion machine industry.

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- Average Consumer Expenditure
- Consumer Preference and Product Specifications
- Market share analysis of players by products/segments
- New Product Development/ Product Matrix of Key Players
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Expanded list for Company Profiles
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- Market share analysis of players at global/region/country level

Key Market Segments

By Application

- Medical
- Transportation
- Consumer Goods
- Others
- Building and construction

By Machine Type

- Single-screw
- Twin-screw

By Process type

- Blown film extrusion
- Sheet/film extrusion
- Tubing extrusion
- Others

By Solution

- New sales
- Aftermarket

By Region

- North America

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- Asia-Pacific
 - ? China
 - ? India
 - ? Japan
 - ? South Korea
 - ? Rest of Asia-Pacific
- LAMEA
 - ? Latin America
 - ? Middle East
 - ? Africa
 - Key Market Players
 - ? KOLSITE GROUP (KABRA EXTRUSIONTECHNIK LTD.)
 - ? HILLENBRAND INC.
 - ? REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK
 - ? THE JAPAN STEEL WORKS, LTD. (JSW)
 - ? Windsor Machines Pvt. Ltd.
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 - ? Sinochem Holdings Corporation Ltd.
 - ? Bausano & Figli S.p.A.
 - ? SHIBAURA MACHINE CO. LTD.
 - ? Costruzioni Meccaniche Luigi Bandera SpA

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets

3.3. Porter's five forces analysis
3.3.1. Low bargaining power of suppliers
3.3.2. Low threat of new entrants
3.3.3. Low threat of substitutes
3.3.4. Low intensity of rivalry
3.3.5. Low bargaining power of buyers

3.4. Market dynamics
3.4.1. Drivers
3.4.1.1. High speed and bulk production advantage
3.4.1.2. High demand for extruded plastic products
3.4.1.3. Flexibility and post extrusion modification benefits
3.4.2. Restraints
3.4.2.1. High initial machinery cost
3.4.2.2. Product limitations and size variances
3.4.3. Opportunities
3.4.3.1. Technological advancements

CHAPTER 4: PLASTIC EXTRUSION MACHINES MARKET, BY MACHINE TYPE

4.1. Overview
4.1.1. Market size and forecast
4.2. Single-screw
4.2.1. Key market trends, growth factors and opportunities
4.2.2. Market size and forecast, by region
4.2.3. Market share analysis by country
4.3. Twin-screw
4.3.1. Key market trends, growth factors and opportunities
4.3.2. Market size and forecast, by region
4.3.3. Market share analysis by country

CHAPTER 5: PLASTIC EXTRUSION MACHINES MARKET, BY PROCESS TYPE

5.1. Overview
5.1.1. Market size and forecast
5.2. Blown film extrusion
5.2.1. Key market trends, growth factors and opportunities
5.2.2. Market size and forecast, by region
5.2.3. Market share analysis by country
5.3. Sheet/film extrusion
5.3.1. Key market trends, growth factors and opportunities
5.3.2. Market size and forecast, by region
5.3.3. Market share analysis by country
5.4. Tubing extrusion
5.4.1. Key market trends, growth factors and opportunities
5.4.2. Market size and forecast, by region
5.4.3. Market share analysis by country
5.5. Others
5.5.1. Key market trends, growth factors and opportunities
5.5.2. Market size and forecast, by region
5.5.3. Market share analysis by country

CHAPTER 6: PLASTIC EXTRUSION MACHINES MARKET, BY SOLUTION

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6.1. Overview

6.1.1. Market size and forecast

6.2. New sales

6.2.1. Key market trends, growth factors and opportunities

6.2.2. Market size and forecast, by region

6.2.3. Market share analysis by country

6.3. Aftermarket

6.3.1. Key market trends, growth factors and opportunities

6.3.2. Market size and forecast, by region

6.3.3. Market share analysis by country

CHAPTER 7: PLASTIC EXTRUSION MACHINES MARKET, BY APPLICATION

7.1. Overview

7.1.1. Market size and forecast

7.2. Building and construction

7.2.1. Key market trends, growth factors and opportunities

7.2.2. Market size and forecast, by region

7.2.3. Market share analysis by country

7.3. Medical

7.3.1. Key market trends, growth factors and opportunities

7.3.2. Market size and forecast, by region

7.3.3. Market share analysis by country

7.4. Transportation

7.4.1. Key market trends, growth factors and opportunities

7.4.2. Market size and forecast, by region

7.4.3. Market share analysis by country

7.5. Consumer Goods

7.5.1. Key market trends, growth factors and opportunities

7.5.2. Market size and forecast, by region

7.5.3. Market share analysis by country

7.6. Others

7.6.1. Key market trends, growth factors and opportunities

7.6.2. Market size and forecast, by region

7.6.3. Market share analysis by country

CHAPTER 8: PLASTIC EXTRUSION MACHINES MARKET, BY REGION

8.1. Overview

8.1.1. Market size and forecast By Region

8.2. North America

8.2.1. Key market trends, growth factors and opportunities

8.2.2. Market size and forecast, by Machine Type

8.2.3. Market size and forecast, by Process type

8.2.4. Market size and forecast, by Solution

8.2.5. Market size and forecast, by Application

8.2.6. Market size and forecast, by country

8.2.6.1. U.S.

8.2.6.1.1. Market size and forecast, by Machine Type

8.2.6.1.2. Market size and forecast, by Process type

8.2.6.1.3. Market size and forecast, by Solution

- 8.2.6.1.4. Market size and forecast, by Application
- 8.2.6.2. Canada
 - 8.2.6.2.1. Market size and forecast, by Machine Type
 - 8.2.6.2.2. Market size and forecast, by Process type
 - 8.2.6.2.3. Market size and forecast, by Solution
 - 8.2.6.2.4. Market size and forecast, by Application
- 8.2.6.3. Mexico
 - 8.2.6.3.1. Market size and forecast, by Machine Type
 - 8.2.6.3.2. Market size and forecast, by Process type
 - 8.2.6.3.3. Market size and forecast, by Solution
 - 8.2.6.3.4. Market size and forecast, by Application
- 8.3. Europe
 - 8.3.1. Key market trends, growth factors and opportunities
 - 8.3.2. Market size and forecast, by Machine Type
 - 8.3.3. Market size and forecast, by Process type
 - 8.3.4. Market size and forecast, by Solution
 - 8.3.5. Market size and forecast, by Application
 - 8.3.6. Market size and forecast, by country
 - 8.3.6.1. Germany
 - 8.3.6.1.1. Market size and forecast, by Machine Type
 - 8.3.6.1.2. Market size and forecast, by Process type
 - 8.3.6.1.3. Market size and forecast, by Solution
 - 8.3.6.1.4. Market size and forecast, by Application
 - 8.3.6.2. France
 - 8.3.6.2.1. Market size and forecast, by Machine Type
 - 8.3.6.2.2. Market size and forecast, by Process type
 - 8.3.6.2.3. Market size and forecast, by Solution
 - 8.3.6.2.4. Market size and forecast, by Application
 - 8.3.6.3. UK
 - 8.3.6.3.1. Market size and forecast, by Machine Type
 - 8.3.6.3.2. Market size and forecast, by Process type
 - 8.3.6.3.3. Market size and forecast, by Solution
 - 8.3.6.3.4. Market size and forecast, by Application
 - 8.3.6.4. Italy
 - 8.3.6.4.1. Market size and forecast, by Machine Type
 - 8.3.6.4.2. Market size and forecast, by Process type
 - 8.3.6.4.3. Market size and forecast, by Solution
 - 8.3.6.4.4. Market size and forecast, by Application
 - 8.3.6.5. Rest of Europe
 - 8.3.6.5.1. Market size and forecast, by Machine Type
 - 8.3.6.5.2. Market size and forecast, by Process type
 - 8.3.6.5.3. Market size and forecast, by Solution
 - 8.3.6.5.4. Market size and forecast, by Application
 - 8.4. Asia-Pacific
 - 8.4.1. Key market trends, growth factors and opportunities
 - 8.4.2. Market size and forecast, by Machine Type
 - 8.4.3. Market size and forecast, by Process type

- 8.4.4. Market size and forecast, by Solution
- 8.4.5. Market size and forecast, by Application
- 8.4.6. Market size and forecast, by country
 - 8.4.6.1. China
 - 8.4.6.1.1. Market size and forecast, by Machine Type
 - 8.4.6.1.2. Market size and forecast, by Process type
 - 8.4.6.1.3. Market size and forecast, by Solution
 - 8.4.6.1.4. Market size and forecast, by Application
 - 8.4.6.2. India
 - 8.4.6.2.1. Market size and forecast, by Machine Type
 - 8.4.6.2.2. Market size and forecast, by Process type
 - 8.4.6.2.3. Market size and forecast, by Solution
 - 8.4.6.2.4. Market size and forecast, by Application
 - 8.4.6.3. Japan
 - 8.4.6.3.1. Market size and forecast, by Machine Type
 - 8.4.6.3.2. Market size and forecast, by Process type
 - 8.4.6.3.3. Market size and forecast, by Solution
 - 8.4.6.3.4. Market size and forecast, by Application
 - 8.4.6.4. South Korea
 - 8.4.6.4.1. Market size and forecast, by Machine Type
 - 8.4.6.4.2. Market size and forecast, by Process type
 - 8.4.6.4.3. Market size and forecast, by Solution
 - 8.4.6.4.4. Market size and forecast, by Application
 - 8.4.6.5. Rest of Asia-Pacific
 - 8.4.6.5.1. Market size and forecast, by Machine Type
 - 8.4.6.5.2. Market size and forecast, by Process type
 - 8.4.6.5.3. Market size and forecast, by Solution
 - 8.4.6.5.4. Market size and forecast, by Application
- 8.5. LAMEA
 - 8.5.1. Key market trends, growth factors and opportunities
 - 8.5.2. Market size and forecast, by Machine Type
 - 8.5.3. Market size and forecast, by Process type
 - 8.5.4. Market size and forecast, by Solution
 - 8.5.5. Market size and forecast, by Application
 - 8.5.6. Market size and forecast, by country
 - 8.5.6.1. Latin America
 - 8.5.6.1.1. Market size and forecast, by Machine Type
 - 8.5.6.1.2. Market size and forecast, by Process type
 - 8.5.6.1.3. Market size and forecast, by Solution
 - 8.5.6.1.4. Market size and forecast, by Application
 - 8.5.6.2. Middle East
 - 8.5.6.2.1. Market size and forecast, by Machine Type
 - 8.5.6.2.2. Market size and forecast, by Process type
 - 8.5.6.2.3. Market size and forecast, by Solution
 - 8.5.6.2.4. Market size and forecast, by Application
 - 8.5.6.3. Africa
 - 8.5.6.3.1. Market size and forecast, by Machine Type

8.5.6.3.2. Market size and forecast, by Process type

8.5.6.3.3. Market size and forecast, by Solution

8.5.6.3.4. Market size and forecast, by Application

CHAPTER 9: COMPETITIVE LANDSCAPE

9.1. Introduction

9.2. Top winning strategies

9.3. Product mapping of top 10 player

9.4. Competitive dashboard

9.5. Competitive heatmap

9.6. Top player positioning, 2019

CHAPTER 10: COMPANY PROFILES

10.1. Bausano & Figli S.p.A.

10.1.1. Company overview

10.1.2. Key executives

10.1.3. Company snapshot

10.1.4. Operating business segments

10.1.5. Product portfolio

10.1.6. Key strategic moves and developments

10.2. Costruzioni Meccaniche Luigi Bandera SpA

10.2.1. Company overview

10.2.2. Key executives

10.2.3. Company snapshot

10.2.4. Operating business segments

10.2.5. Product portfolio

10.2.6. Key strategic moves and developments

10.3. KOLSITE GROUP (KABRA EXTRUSIONTECHNIK LTD.)

10.3.1. Company overview

10.3.2. Key executives

10.3.3. Company snapshot

10.3.4. Operating business segments

10.3.5. Product portfolio

10.3.6. Business performance

10.4. Sinochem Holdings Corporation Ltd.

10.4.1. Company overview

10.4.2. Key executives

10.4.3. Company snapshot

10.4.4. Operating business segments

10.4.5. Product portfolio

10.5. HILLENBRAND INC.

10.5.1. Company overview

10.5.2. Key executives

10.5.3. Company snapshot

10.5.4. Operating business segments

10.5.5. Product portfolio

10.5.6. Business performance

10.5.7. Key strategic moves and developments

10.6. REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK

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- 10.6.1. Company overview
- 10.6.2. Key executives
- 10.6.3. Company snapshot
- 10.6.4. Operating business segments
- 10.6.5. Product portfolio
- 10.6.6. Key strategic moves and developments
- 10.7. THE JAPAN STEEL WORKS, LTD. (JSW)
 - 10.7.1. Company overview
 - 10.7.2. Key executives
 - 10.7.3. Company snapshot
 - 10.7.4. Operating business segments
 - 10.7.5. Product portfolio
 - 10.7.6. Business performance
 - 10.7.7. Key strategic moves and developments
- 10.8. SHIBAURA MACHINE CO. LTD.
 - 10.8.1. Company overview
 - 10.8.2. Key executives
 - 10.8.3. Company snapshot
 - 10.8.4. Operating business segments
 - 10.8.5. Product portfolio
 - 10.8.6. Business performance
 - 10.8.7. Key strategic moves and developments
- 10.9. UNION OFFICINE MECCANICHE SPA
 - 10.9.1. Company overview
 - 10.9.2. Key executives
 - 10.9.3. Company snapshot
 - 10.9.4. Operating business segments
 - 10.9.5. Product portfolio
- 10.10. Windsor Machines Pvt. Ltd.
 - 10.10.1. Company overview
 - 10.10.2. Key executives
 - 10.10.3. Company snapshot
 - 10.10.4. Operating business segments
 - 10.10.5. Product portfolio
 - 10.10.6. Key strategic moves and developments

Plastic Extrusion Machines Market By Machine Type (Single-screw, Twin-screw), By Process type (Blown film extrusion, Sheet/film extrusion, Tubing extrusion, Others), By Solution (New sales, Aftermarket), By Application (Building and construction, Medical, Transportation, Consumer Goods, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

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