Freedonia Focus Reports
Global Collection

Global
Plastics Processing Machinery

January 2018

Table of Contents

List of Tables & Figures

About This Report

Scope & Method

This report forecasts to 2021 global demand for plastics processing machinery by product, market, and major world region in nominal US dollars at the manufacturer level. Product segments include:

- injection molding machinery
- extrusion machinery
- blow molding machinery
- 3D plastics printers
- other machinery such as thermoforming, calendering, and rotomolding
- aftermarket parts

Reported markets encompass:

- packaging
- consumer/institutional
- construction
- motor vehicles
- other markets such as aerospace, tooling, and electronic products

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2006, 2011, and 2016. Finally, global shipments are segmented by major world region and provided for 2006, 2011, 2016, and 2021.

Excluded from the scope of this report are auxiliary equipment (such as blenders, dryers, feeders, and winders) and secondary machinery used to improve the appearance or usefulness of the final product (like coating, cutting, machining, polishing, and printing equipment), except in situations in which machinery is used in both primary and secondary plastics processing. Plastics processing equipment that forms an integral part of a form/fill/seal packaging machine and molds are also excluded. Machines that process rubber, silicones, and other non-thermoplastic polymers are also excluded.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and

analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2016.

Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Global Plastics Processing Machinery (FW75024) is based on a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 10	Industry Codes Related to Plastics Processing Machinery		
NAICS/SCIAN 2007		**SIC**	
North American Industry Classification System		**Standard Industrial Classification**	
333220	Plastics & Rubber Industry Machinery Manufacturing	3559	Special Industry Machinery, NEC

Source: US Census Bureau

Copyright & Licensing

Resources

The Freedonia Group
  Global Plastics Processing Machinery, January 2018
Freedonia Industry Studies
  Global Pharmaceutical Packaging, January 2018
  Siding Market in the US, January 2018
  Foodservice Single-Use Products in the US, December 2017
  Global Plastic Caps & Closures Market, December 2017
  Global Windows & Doors, December 2017
  Global Plumbing Fittings & Fixtures Market, November 2017
  Protective Packaging Market in the US, November 2017
  Global 3D Printing Markets, October 2017
  Global Caps & Closures Market, September 2017
Freedonia Focus Reports
  Caps & Closures: United States
  Construction: United States
  Packaging Films: United States
  Pharmaceutical Packaging: United States
  Printing Machinery & Equipment: United States
  Semiconductor Machinery: United States
  Stretch & Shrink Film: United States
  3D Printers & Supplies: United States
Freedonia Custom Research

Trade Publications

European Rubber Journal
Plastics News
Plastics News Europe
Plastics Technology
Plastics Today
3DPrint.com

Agencies & Associations

China Machinery Industry Yearbook
China Plastic Machinery Industry Association
Eurostat
German Federal Statistical Office (Statistisches Bundesamt)

German Machinery Manufacturers' Association (VDMA)
Japan's Ministry of Economy, Trade and Industry
SYMACAP
United States Census Bureau
United Nations