

Tooling Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Product Type (Dies & Molds, Forging, Jigs & Fixtures, Machine Tools, Gauges), By End-User Industry (Automotive, Electronics & Electrical, Aerospace, Marine & Defense, Plastics Industry, Construction & Mining, Others), By Region, By Competition, 2020-2030F

<https://marketpublishers.com/r/TE78F7C08317EN.html>

Date: May 2025

Pages: 180

Price: US\$ 4,500.00 (Single User License)

ID: TE78F7C08317EN

Abstracts

Market Overview

The Global Tooling Market was valued at USD 223.88 billion in 2024 and is projected to reach USD 393.90 billion by 2030, expanding at a CAGR of 9.71% during the forecast period. This market encompasses a broad spectrum of essential manufacturing tools, including dies, molds, machine tools, jigs, fixtures, and gauges, that play a foundational role in producing high-precision parts across industries such as automotive, aerospace, electronics, and heavy machinery. Tooling systems are critical to ensuring accuracy, consistency, and scalability in mass production, and their importance is only growing as manufacturers adopt smart factory solutions and advanced materials.

The automotive industry remains a dominant end-user, driving significant tooling demand, especially with the shift toward electric vehicles and lightweight materials. Simultaneously, the push for innovation in high-performance components has led to increased investments in cutting-edge tooling technologies. However, challenges like high initial capital investment, long ROI cycles, and recurring maintenance costs present notable barriers for small and medium-sized enterprises. Nonetheless, ongoing technological advancements and the global trend toward manufacturing digitization are expected to unlock substantial growth opportunities.

Key Market Drivers

Surging Demand from Automotive Manufacturing Sector

The expansion of the global automotive manufacturing sector, particularly in emerging economies, is a primary growth driver. The increasing production of vehicles, including electric and hybrid models, is boosting demand for specialized tooling used in stamping, molding, and precision assembly. OEMs are investing in new tooling solutions to accommodate lighter and more complex materials, essential for fuel efficiency and emissions compliance.

Key Market Challenges

High Capital Investment and Long ROI Cycles

The tooling market is capital-intensive, with initial equipment costs ranging from USD 20,000 to over USD 500,000 depending on complexity. SMEs often face financial constraints, limiting their ability to adopt or upgrade advanced tooling technologies. Long ROI periods of up to five years and recurring maintenance expenses further constrain investment in new systems, particularly in sectors with extended product development timelines such as aerospace and automotive.

Key Market Trends

Surge in Automotive Industry Tooling Demand

Tooling demand is significantly influenced by advancements in the automotive sector, which represented over 35% of global tooling revenue in 2024. The rise in EV production and the incorporation of lightweight materials like composites and aluminum have led to the development of more sophisticated and automated tooling systems. These systems offer enhanced flexibility and reduced cycle times, addressing evolving manufacturing requirements while maintaining cost-efficiency and productivity.

Key Market Players

Bharat Forge Ltd.

Carlson Tool & Manufacturing Corporation

Doosan Machine Tools Co., Ltd.

Godrej & Boyce Manufacturing Co. Ltd.

Omega Tool Corp

Parpas S.p.A

Motherson Group

Unique Tool & Gauge Inc.

Sandvik AB

Yamazaki Mazak Corporation

Report Scope

In this report, the Global Tooling Market has been segmented into the following categories, in addition to industry trends:

Tooling Market, By Product Type:

Dies & Molds

Forging

Jigs & Fixtures

Machine Tools

Gauges

Tooling Market, By End-User Industry:

Automotive

Electronics & Electrical

Aerospace

Marine & Defense

Plastics Industry

Construction & Mining

Others

Tooling Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Tooling Market.

Available Customizations

Global Tooling Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
- 1.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL TOOLING MARKET OUTLOOK

- 5.1. Market Size & Forecast

- 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Product Type (Dies & Molds, Forging, Jigs & Fixtures, Machine Tools, Gauges)
 - 5.2.2. By End-User Industry (Automotive, Electronics & Electrical, Aerospace, Marine & Defense, Plastics Industry, Construction & Mining, Others)
 - 5.2.3. By Region
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA TOOLING MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Product Type
 - 6.2.2. By End-User Industry
 - 6.2.3. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Tooling Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Product Type
 - 6.3.1.2.2. By End-User Industry
 - 6.3.2. Canada Tooling Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Product Type
 - 6.3.2.2.2. By End-User Industry
 - 6.3.3. Mexico Tooling Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Product Type
 - 6.3.3.2.2. By End-User Industry

7. EUROPE TOOLING MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Product Type
 - 7.2.2. By End-User Industry
 - 7.2.3. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Tooling Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Product Type
 - 7.3.1.2.2. By End-User Industry
 - 7.3.2. United Kingdom Tooling Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Product Type
 - 7.3.2.2.2. By End-User Industry
 - 7.3.3. Italy Tooling Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Product Type
 - 7.3.3.2.2. By End-User Industry
 - 7.3.4. France Tooling Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Product Type
 - 7.3.4.2.2. By End-User Industry
 - 7.3.5. Spain Tooling Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Product Type
 - 7.3.5.2.2. By End-User Industry

8. ASIA-PACIFIC TOOLING MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Product Type

8.2.2. By End-User Industry

8.2.3. By Country

8.3. Asia-Pacific: Country Analysis

8.3.1. China Tooling Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Product Type

8.3.1.2.2. By End-User Industry

8.3.2. India Tooling Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Product Type

8.3.2.2.2. By End-User Industry

8.3.3. Japan Tooling Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Product Type

8.3.3.2.2. By End-User Industry

8.3.4. South Korea Tooling Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Product Type

8.3.4.2.2. By End-User Industry

8.3.5. Australia Tooling Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Product Type

8.3.5.2.2. By End-User Industry

9. SOUTH AMERICA TOOLING MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Product Type

9.2.2. By End-User Industry

9.2.3. By Country

9.3. South America: Country Analysis

9.3.1. Brazil Tooling Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Product Type

9.3.1.2.2. By End-User Industry

9.3.2. Argentina Tooling Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Product Type

9.3.2.2.2. By End-User Industry

9.3.3. Colombia Tooling Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Product Type

9.3.3.2.2. By End-User Industry

10. MIDDLE EAST AND AFRICA TOOLING MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Product Type

10.2.2. By End-User Industry

10.2.3. By Country

10.3. Middle East and Africa: Country Analysis

10.3.1. South Africa Tooling Market Outlook

- 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
- 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Product Type
 - 10.3.1.2.2. By End-User Industry
- 10.3.2. Saudi Arabia Tooling Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Product Type
 - 10.3.2.2.2. By End-User Industry
- 10.3.3. UAE Tooling Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Product Type
 - 10.3.3.2.2. By End-User Industry
- 10.3.4. Kuwait Tooling Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Product Type
 - 10.3.4.2.2. By End-User Industry
- 10.3.5. Turkey Tooling Market Outlook
 - 10.3.5.1. Market Size & Forecast
 - 10.3.5.1.1. By Value
 - 10.3.5.2. Market Share & Forecast
 - 10.3.5.2.1. By Product Type
 - 10.3.5.2.2. By End-User Industry

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)

12.3. Recent Developments

13. COMPANY PROFILES

13.1. Bharat Forge Ltd.

13.1.1. Business Overview

13.1.2. Key Revenue and Financials

13.1.3. Recent Developments

13.1.4. Key Personnel/Key Contact Person

13.1.5. Key Product/Services Offered

13.2. Carlson Tool & Manufacturing Corporation

13.3. Doosan Machine Tools Co., Ltd.

13.4. Godrej & Boyce Manufacturing Co. Ltd.

13.5. Omega Tool Corp

13.6. Parpas S.p.A

13.7. Motherson Group

13.8. Unique Tool & Gauge Inc.

13.9. Sandvik AB

13.10. Yamazaki Mazak Corporation

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Tooling Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Product Type (Dies & Molds, Forging, Jigs & Fixtures, Machine Tools, Gauges), By End-User Industry (Automotive, Electronics & Electrical, Aerospace, Marine & Defense, Plastics Industry, Construction & Mining, Others), By Region, By Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/TE78F7C08317EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/TE78F7C08317EN.html>