

Grinding Machines Market Outlook 2025-2034: Market Share, and Growth Analysis By Type(Conventional, CNC, Cylindrical, Surface, Gear, Other Types), By Sales Channel(Franchised Outlets, Specialty Stores, Modern Trade, Online Channels), By End-User Industry

<https://marketpublishers.com/r/GE303C73C609EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: GE303C73C609EN

Abstracts

The Grinding Machines Market is valued at USD 7.6 billion in 2025 and is projected to grow at a CAGR of 6.5% to reach USD 13.4 billion by 2034. The global grinding machines market is undergoing a transformative phase, driven by increasing industrial automation, the evolution of precision engineering, and the rising demand across key sectors such as automotive, aerospace, and manufacturing. Grinding machines, integral to finishing processes, are being leveraged for their ability to deliver high surface quality and dimensional accuracy. As industries shift towards high-performance and customized components, the importance of advanced grinding technologies has become more pronounced. The market spans various types such as surface, cylindrical, gear, and tool grinding machines, catering to a wide array of applications. Emerging economies are witnessing strong adoption as industrial infrastructure expands, while developed regions continue to innovate with CNC and AI-integrated grinding solutions. The ongoing transition toward smart factories is reinforcing demand for technologically sophisticated grinding systems that offer automation, efficiency, and integration with digital platforms.

The grinding machines market witnessed significant developments shaped by the growing emphasis on productivity, energy efficiency, and precision. Key players introduced next-generation machines with smart features such as real-time monitoring, adaptive control systems, and reduced downtime through predictive maintenance. CNC

grinding machines experienced notable traction, especially in Europe and Asia-Pacific, where manufacturing output surged post-pandemic. Sustainability also emerged as a key theme, with manufacturers incorporating eco-friendly coolant systems and energy-efficient motors to meet regulatory and corporate ESG goals. Additionally, collaborations between machine tool manufacturers and software developers increased, aiming to enhance user interfaces and digital capabilities. Demand for high-speed and multi-process grinding machines also grew, particularly in automotive and defense industries, where component complexity is rising. The aftermarket segment saw expansion too, as industries sought retrofitting solutions to extend machine lifespan and optimize capital expenditures.

The grinding machines market is expected to accelerate toward innovation-led growth, characterized by deeper integration of AI, IoT, and robotics into machine tool operations. The push toward autonomous machining environments will drive investment in self-learning systems that adapt to varying materials and specifications in real time. Emerging applications in electric vehicle (EV) components, aerospace composites, and renewable energy infrastructure are set to redefine the landscape, requiring higher precision and flexibility. Geographically, Asia-Pacific is poised for the fastest growth due to expanding industrialization, government incentives for manufacturing, and robust export-oriented markets. Simultaneously, North America and Europe will focus on smart factory ecosystems and sustainable manufacturing practices. Global supply chain realignment, particularly reshoring and nearshoring trends, will also contribute to the installation of high-performance grinding equipment. Overall, the market's future will be marked by advanced customization, digital transformation, and a rising need for scalable, high-efficiency grinding systems.

Key Insights Grinding Machines Market

Integration of AI and machine learning is enhancing predictive maintenance and adaptive machining, improving efficiency and minimizing unplanned downtimes in smart manufacturing setups.

Increasing demand for multi-functional grinding machines capable of handling multiple operations in one setup is streamlining production lines and reducing operational costs.

Adoption of eco-friendly technologies, such as dry grinding and energy-efficient motors, is rising due to environmental regulations and sustainability commitments.

Rise in custom-engineered grinding solutions tailored for specific sectors like EV and aerospace reflects a shift toward niche precision applications.

Growth in cloud-based monitoring and control systems is enabling remote diagnostics and real-time performance tracking for improved machine utilization.

Rapid growth in the electric vehicle industry is driving the need for ultra-precise grinding machines for components such as battery housings and drive systems.

Expansion of the aerospace sector is demanding high-tolerance grinding for complex alloys and composite materials used in turbine blades and airframe structures.

Automation and Industry 4.0 initiatives are promoting the adoption of CNC and digitally integrated grinding machines in modern production facilities.

Rising labor costs and a shortage of skilled machinists are encouraging the shift toward automated grinding solutions to maintain productivity and quality.

High initial investment and operational costs of advanced grinding machines remain a significant barrier for small and medium-sized enterprises, limiting their ability to adopt the latest technologies.

Grinding Machines Market Segmentation

By Type

Conventional

CNC

Cylindrical

Surface

Gear

Other Types

By Sales Channel

Franchised Outlets

Specialty Stores

Modern Trade

Online Channels

By End-User Industry

Automotive

Maritime Industry

Aerospace and Defense

Construction

Industrial Manufacturing

Electrical and Electronics

Other End-User Industries

Key Companies Analysed

Amada Holdings Co Ltd.

3M Company

JTEKT Toyoda Americas Corporation

Junker Group

L. Kellenberger & Co. AG

ANCA Pty Ltd.

DANOBAT Group

Koyo Machinery Industry Co. Ltd.

Okuma Corporation

K?rber AG

Falcon Machine Tools Co. Ltd

United Grinding North America

Makino Milling Machine Co. Ltd.

Chevalier Machinery Inc.

ELB-SCHLIFF Werkzeugmaschinen GmbH

Glebar Company

Heinz Berger Maschinenfabrik GmbH & Co. KG

Komatsu Ltd.

KNUTH Machine Tools SA

Studer

C. & E. Fein GmbH

Satisloh

Tacchella Elektra

Willis Machinery

Robert Bosch Power Tools GmbH

Makita Corporation

Stanley Black & Decker Inc.

Husqvarna Group

Xingyi Stone Caring Tools Co. Ltd.

Hardinge Kellenberger

Grinding Machines Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Grinding Machines Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory

landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Grinding Machines market data and outlook to 2034

United States

Canada

Mexico

Europe — Grinding Machines market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Grinding Machines market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Grinding Machines market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Grinding Machines market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Grinding Machines value chain with secondary data from associations, government publications, trade

databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Grinding Machines industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Grinding Machines Market Report

Global Grinding Machines market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Grinding Machines trade, costs, and supply chains

Grinding Machines market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Grinding Machines market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Grinding Machines market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Grinding Machines supply chain analysis

Grinding Machines trade analysis, Grinding Machines market price analysis, and Grinding Machines supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Grinding Machines market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL GRINDING MACHINES MARKET SUMMARY, 2025

- 2.1 Grinding Machines Industry Overview
 - 2.1.1 Global Grinding Machines Market Revenues (In US\$ billion)
- 2.2 Grinding Machines Market Scope
- 2.3 Research Methodology

3. GRINDING MACHINES MARKET INSIGHTS, 2024-2034

- 3.1 Grinding Machines Market Drivers
- 3.2 Grinding Machines Market Restraints
- 3.3 Grinding Machines Market Opportunities
- 3.4 Grinding Machines Market Challenges
- 3.5 Tariff Impact on Global Grinding Machines Supply Chain Patterns

4. GRINDING MACHINES MARKET ANALYTICS

- 4.1 Grinding Machines Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Grinding Machines Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Grinding Machines Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Grinding Machines Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Grinding Machines Market
 - 4.5.1 Grinding Machines Industry Attractiveness Index, 2025
 - 4.5.2 Grinding Machines Supplier Intelligence
 - 4.5.3 Grinding Machines Buyer Intelligence
 - 4.5.4 Grinding Machines Competition Intelligence
 - 4.5.5 Grinding Machines Product Alternatives and Substitutes Intelligence
 - 4.5.6 Grinding Machines Market Entry Intelligence

5. GLOBAL GRINDING MACHINES MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Grinding Machines Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Grinding Machines Sales Outlook and CAGR Growth By Type, 2024- 2034 (\$ billion)

5.2 Global Grinding Machines Sales Outlook and CAGR Growth By Sales Channel, 2024- 2034 (\$ billion)

5.3 Global Grinding Machines Sales Outlook and CAGR Growth By End-User Industry, 2024- 2034 (\$ billion)

5.4 Global Grinding Machines Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC GRINDING MACHINES INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Grinding Machines Market Insights, 2025

6.2 Asia Pacific Grinding Machines Market Revenue Forecast By Type, 2024- 2034 (USD billion)

6.3 Asia Pacific Grinding Machines Market Revenue Forecast By Sales Channel, 2024- 2034 (USD billion)

6.4 Asia Pacific Grinding Machines Market Revenue Forecast By End-User Industry, 2024- 2034 (USD billion)

6.5 Asia Pacific Grinding Machines Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Grinding Machines Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Grinding Machines Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Grinding Machines Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Grinding Machines Market Size, Opportunities, Growth 2024- 2034

7. EUROPE GRINDING MACHINES MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Grinding Machines Market Key Findings, 2025

7.2 Europe Grinding Machines Market Size and Percentage Breakdown By Type, 2024- 2034 (USD billion)

7.3 Europe Grinding Machines Market Size and Percentage Breakdown By Sales Channel, 2024- 2034 (USD billion)

7.4 Europe Grinding Machines Market Size and Percentage Breakdown By End-User Industry, 2024- 2034 (USD billion)

7.5 Europe Grinding Machines Market Size and Percentage Breakdown by Country,

2024- 2034 (USD billion)

7.5.1 Germany Grinding Machines Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Grinding Machines Market Size, Trends, Growth Outlook to 2034

7.5.2 France Grinding Machines Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Grinding Machines Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Grinding Machines Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA GRINDING MACHINES MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Grinding Machines Market Analysis and Outlook By Type, 2024- 2034 (\$ billion)

8.3 North America Grinding Machines Market Analysis and Outlook By Sales Channel, 2024- 2034 (\$ billion)

8.4 North America Grinding Machines Market Analysis and Outlook By End-User Industry, 2024- 2034 (\$ billion)

8.5 North America Grinding Machines Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Grinding Machines Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Grinding Machines Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Grinding Machines Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA GRINDING MACHINES MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Grinding Machines Market Data, 2025

9.2 Latin America Grinding Machines Market Future By Type, 2024- 2034 (\$ billion)

9.3 Latin America Grinding Machines Market Future By Sales Channel, 2024- 2034 (\$ billion)

9.4 Latin America Grinding Machines Market Future By End-User Industry, 2024- 2034 (\$ billion)

9.5 Latin America Grinding Machines Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Grinding Machines Market Size, Share and Opportunities to 2034

9.5.2 Argentina Grinding Machines Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA GRINDING MACHINES MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Grinding Machines Market Statistics By Type, 2024- 2034 (USD billion)

10.3 Middle East Africa Grinding Machines Market Statistics By Sales Channel, 2024- 2034 (USD billion)

10.4 Middle East Africa Grinding Machines Market Statistics By End-User Industry, 2024- 2034 (USD billion)

10.5 Middle East Africa Grinding Machines Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Grinding Machines Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Grinding Machines Market Value, Trends, Growth Forecasts to 2034

11. GRINDING MACHINES MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Grinding Machines Industry

11.2 Grinding Machines Business Overview

11.3 Grinding Machines Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Grinding Machines Market Volume (Tons)

12.1 Global Grinding Machines Trade and Price Analysis

12.2 Grinding Machines Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Grinding Machines Industry Report Sources and Methodology

I would like to order

Product name: Grinding Machines Market Outlook 2025-2034: Market Share, and Growth Analysis By Type(Conventional, CNC, Cylindrical, Surface, Gear, Other Types), By Sales Channel(Franchised Outlets, Specialty Stores, Modern Trade, Online Channels), By End-User Industry

Product link: <https://marketpublishers.com/r/GE303C73C609EN.html>

Price: US\$ 3,950.00 (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/GE303C73C609EN.html>