

# **Broaching Machine Market By Machine Type (Verticle, Horizontal, Others), By Application (Internal Broaching, External Broaching), By End User Industry (Automobile Aerospace, Genral and Precision Machinery, Electric Electronics, Metal Goods Manufacturing, Others): Global Opportunity Analysis and Industry Forecast, 2024-2033**

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## **Abstracts**

A broaching machine is an industrial tool designed especially for cutting or shaping material from a workpiece. Broaching is a process wherein a multi-toothed tool, called a broach, passes over the workpiece to remove a small layer of material with each tooth. This one-pass process is used for precise creation of complex shapes. Broaching machine is used in automobile & aerospace, general and precision machinery, electric & electronics, metal, and other sectors, which require high-precision parts. There are vertical and horizontal broaching machines available in the market. The vertical one is used to cut large workpieces. It is majorly used for cutting gears and splines.

The broaching machine market is driven by the increase in demand for precise and complex components across automotive, aerospace, and heavy equipment manufacturing industries. These machines are known to produce complex, high-precision parts, which are essential for modern engineering standards. In addition, advancements in machine automation and CNC technology enhance operational efficiency and accuracy of broaching machines, which help manufacturers streamline production processes.

However, high initial investment cost associated with acquiring and setting up these machines limits the market growth. Broaching machines, particularly CNC-equipped

models, are expensive, and often require substantial capital outlays that can be prohibitive for small and medium-sized enterprises. In addition, regular maintenance and specialized training for operators further add to the operational costs. Nevertheless, rise in smart manufacturing practices is projected to make way for lucrative growth opportunities for the broaching machine market. Manufacturers are focusing on integrating IoT-enabled broaching machines into their production lines to enable data-driven decision-making along with real-time monitoring and predictive maintenance. This is anticipated to foster the growth of the market during the forecast period.

The broaching machine market is segmented on the basis of machine type, application, end user industry, and region.

Depending on machine type, the market is segregated into vertical, horizontal, and others. The vertical segment held the largest market share in 2023, and is anticipated to grow with a higher CAGR during the forecast period. Vertical type broaching machine exhibits the ability to handle heavier and larger workpieces. In addition, the machine also exhibits flexibility for complex internal broaching, which increases its demand in the market.

By application, the market is bifurcated into internal broaching and external broaching. The internal broaching segment held the largest market share in 2023. Internal broaching is majorly used in manufacturing complex internal geometries, such as keyways, splines, and internal holes, which are majorly used in the aerospace, automotive, and machinery industries.

By end user industry, the market is categorized into automobile & aerospace, general and precision machinery, electric & electronics, metal, and others. The automobile and aerospace segment held the largest market share in 2023 owing to surge in demand for precisely manufactured components like gears, shafts, and other intricate parts essential for vehicle and aircraft performance.

By region, the market is analyzed across North America, Europe, Asia-Pacific, Latin America and Middle East & Africa. Asia-Pacific held the highest market share in 2023. The region exhibits a strong manufacturing base, particularly in automotive, aerospace, and heavy machinery sectors across countries like China, Japan, and India.

Major players profiled in the broaching machine market report include American Broach & Machine Company, Apex Broaching Systems, Broaching Machine Specialties (BMS), Colonial Tool Group Inc., General Broach Company, Hexagon Manufacturing

Intelligence, Ohio Broach & Machine Co., Pioneer Broach Co., The Ohio Broach & Machine Company, Wentworth Engineering Ltd., Tecton Industries, Inc., BMS Burns, Broaching Technologies, LLC, Precihole Machine Tools Private Limited, and Axsys Automation Ltd. These players have adopted acquisition and product launch as their key developmental strategies to improve their product portfolio in the market.

### Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the broaching machine market analysis from 2023 to 2033 to identify the prevailing broaching machine market opportunities.

The market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the broaching machine market segmentation assists to determine the prevailing market opportunities.

Major countries in each region are mapped according to their revenue contribution to the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global broaching machine market trends, key players, market segments, application areas, and market growth strategies.

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Pain Point Analysis

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Average Selling Price Analysis / Price Point Analysis

Brands Share Analysis

Criss-cross segment analysis- market size and forecast

Expanded list for Company Profiles

Historic market data

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

List of customers/consumers/raw material suppliers- value chain analysis

Market share analysis of players at global/region/country level

SWOT Analysis

Volume Market Size and Forecast

Key Market Segments

By Machine Type

Verticle

Horizontal

Others

By Application

Internal Broaching

External Broaching

By End User Industry

Automobile Aerospace

Genral and Precision Machinery

Electric Electronics

Metal Goods Manufacturing

Others

## By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

UK

Rest of Europe

Asia-Pacific

China

India

South Korea

Japan

Rest of Asia-Pacific

Latin America

Brazil

Argentina

Colombia

Rest of Latin America

Middle East and Africa

Saudi Arabia

UAE

South Africa

Nigeria

Rest of Middle East And Africa

Key Market Players

Colonial Tool Group Inc.

American Broach and Machine Company

The Ohio Broach and Machine Company

Nachi-Fujikoshi Corp.

Mitsubishi Heavy Industries Machine Tool Co., Ltd.

Schwanog Siegfried G?ntert GmbH

Stenhoj Hydraulik A/S

Elmass (Technologies) GmbH

Klink Group

Danish Broach Company

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