

Automatic Bending Machine Market By Type (Automatic, Semiautomatic), By Technology (Electric, Hydraulic, Pneumatic, Induction), By Application (Tube/Pipe, Metal Sheet, Bar): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

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The global automatic bending machine market size was valued at \$2,109.7 million in 2021 and is projected to reach \$3,620.6 million by 2031, registering a CAGR of 5.6% from 2022 to 2031.

An automatic bending machine consists of an electric motor, a coupling, a circular plate, a worm gear drive, and an extended shaft. An electric motor transmits power to a gearbox, which decreases speed and increases torque. A circular plate bends the bar using this gearbox. Automatic bending machines are used to bend tubes, pipes, metal sheets, and bars. These machines are used in a variety of industries, including automotive, aviation, and shipbuilding. Moreover, bar bending machines are usually used for accuracy of bending angles. The machine is suitable for bending wide variety of TMT, reinforcement, and steel bars used in construction and infrastructure activities.

Automatic bending machines are widely used in shipbuilding and aviation industry. Ship profiles are bent using an automatic bending machine to create ship frames. □ The parts to be produced are heavy and require precision, which can be achieved by bending machines. Stierli-Bieger offers SE series bending machines which are specially designed for shipbuilding. Furthermore, these machines can be used as pipe bending and for straitening.

Surge in demand for high-precision production process requirements is expected to increase the demand for automatic bending machines and help the market grow. Due to rapid industrialization and government investments in developmental projects, the global construction sector is growing rapidly. This □ is anticipated to increase the demand for automatic bending machines, which will lead to growth in automatic bending machine market. However, high cost of automatic bending machines is one of the factors that hinders the market growth.

Majority of the population is concentrated in emerging economies such as Brazil, China, India, and Eastern European nations. This makes the automatic bending machine market play a crucial role as these regions witness continuous development of

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infrastructure and manufacturing sectors. Growth in the construction industry and increase in number of infrastructure activities are major factors that drive the automatic bending machine market growth. Moreover, expansion of automotive sector and aviation sector are accelerating the market growth. Major players in the industry provide specialized bending machines for use in automotive industry. For instance, in April 2021, AMOB launched the new Fully Electric CNC Tube Bending Machine eMOB Super Heavy-Duty Series. These are fully electric tube bending machines, with the ability to bend tubes up to 225mm in diameter. Such factors are providing lucrative growth opportunities in the market.

The automatic bending machine market is segmented on the basis of type, technology, application, and region. By type, the market is categorized into automatic and semi-automatic. Depending on technology, it is fragmented into electric, hydraulic, pneumatic, and induction. On the basis of application, it is categorized into tube/pipe, metal sheet, and bar. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the automatic bending machine market analysis from 2021 to 2031 to identify the prevailing automatic bending 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 automatic bending 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 automatic bending machine market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Type

- Automatic
- Capacity
- Upto 10 ton
- 10-20 ton
- More than 20 ton
- Semiautomatic

By Technology

- Electric
- Hydraulic
- Pneumatic
- Induction

By Application

- Tube/Pipe
- Metal Sheet
- Bar

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany

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- France
- UK
- Italy
- Spain
- Russia
- Poland
- Netherlands
- Sweden
- Rest Of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Thailand
- Indonesia
- Vietnam
- Rest Of Asia-Pacific
- LAMEA
- Brazil
- Argentina
- Saudi Arabia
- UAE
- South Africa
- Nigeria
- Rest Of LAMEA
- Key Market Players
- Amada Co. Ltd
- AMOB
- Baileigh Industries, Inc.
- BLM Group
- Bystronic
- Danobatgroup
- Euromac
- HACO
- Horn Machines Tools, Inc.
- PEDAX GmbH
- Pines Engineering & H&H Tooling
- Prima Industrie S.p.A.
- Shuz Tung Machinery Industrial Co., Ltd
- Soco Machinery
- Transfluid Maschinenbau GmbH
- TRUMPF
- WAFIOS AG

Table of Contents:

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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.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning
- 3.5.Market dynamics
 - 3.5.1.Drivers
 - 3.5.2.Restraints
 - 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market

CHAPTER 4: AUTOMATIC BENDING MACHINE MARKET, BY TYPE

- 4.1 Overview
 - 4.1.1 Market size and forecast
- 4.2 Automatic
 - 4.2.1 Key market trends, growth factors and opportunities
 - 4.2.2 Market size and forecast, by region
 - 4.2.3 Market analysis by country
 - 4.2.4 Automatic Automatic Bending Machine Market by Capacity
 - 4.2.4.1 Upto 10 ton Market size and forecast, by region
 - 4.2.4.2 10-20 ton Market size and forecast, by region
 - 4.2.4.3 More than 20 ton Market size and forecast, by region
- 4.3 Semiautomatic
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market analysis by country

CHAPTER 5: AUTOMATIC BENDING MACHINE MARKET, BY TECHNOLOGY

- 5.1 Overview
 - 5.1.1 Market size and forecast
- 5.2 Electric
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market analysis by country
- 5.3 Hydraulic
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region

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- 5.3.3 Market analysis by country
- 5.4 Pneumatic
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market analysis by country
- 5.5 Induction
 - 5.5.1 Key market trends, growth factors and opportunities
 - 5.5.2 Market size and forecast, by region
 - 5.5.3 Market analysis by country

CHAPTER 6: AUTOMATIC BENDING MACHINE MARKET, BY APPLICATION

- 6.1 Overview
 - 6.1.1 Market size and forecast
- 6.2 Tube/Pipe
 - 6.2.1 Key market trends, growth factors and opportunities
 - 6.2.2 Market size and forecast, by region
 - 6.2.3 Market analysis by country
- 6.3 Metal Sheet
 - 6.3.1 Key market trends, growth factors and opportunities
 - 6.3.2 Market size and forecast, by region
 - 6.3.3 Market analysis by country
- 6.4 Bar
 - 6.4.1 Key market trends, growth factors and opportunities
 - 6.4.2 Market size and forecast, by region
 - 6.4.3 Market analysis by country

CHAPTER 7: AUTOMATIC BENDING MACHINE MARKET, BY REGION

- 7.1 Overview
 - 7.1.1 Market size and forecast
- 7.2 North America
 - 7.2.1 Key trends and opportunities
 - 7.2.2 North America Market size and forecast, by Type
 - 7.2.2.1 North America Automatic Automatic Bending Machine Market by Capacity
 - 7.2.3 North America Market size and forecast, by Technology
 - 7.2.4 North America Market size and forecast, by Application
 - 7.2.5 North America Market size and forecast, by country
 - 7.2.5.1 U.S.
 - 7.2.5.1.1 Market size and forecast, by Type
 - 7.2.5.1.2 Market size and forecast, by Technology
 - 7.2.5.1.3 Market size and forecast, by Application
 - 7.2.5.2 Canada
 - 7.2.5.2.1 Market size and forecast, by Type
 - 7.2.5.2.2 Market size and forecast, by Technology
 - 7.2.5.2.3 Market size and forecast, by Application
 - 7.2.5.3 Mexico
 - 7.2.5.3.1 Market size and forecast, by Type
 - 7.2.5.3.2 Market size and forecast, by Technology
 - 7.2.5.3.3 Market size and forecast, by Application
- 7.3 Europe

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- 7.3.1 Key trends and opportunities
- 7.3.2 Europe Market size and forecast, by Type
 - 7.3.2.1 Europe Automatic Automatic Bending Machine Market by Capacity
- 7.3.3 Europe Market size and forecast, by Technology
- 7.3.4 Europe Market size and forecast, by Application
- 7.3.5 Europe Market size and forecast, by country
 - 7.3.5.1 Germany
 - 7.3.5.1.1 Market size and forecast, by Type
 - 7.3.5.1.2 Market size and forecast, by Technology
 - 7.3.5.1.3 Market size and forecast, by Application
 - 7.3.5.2 France
 - 7.3.5.2.1 Market size and forecast, by Type
 - 7.3.5.2.2 Market size and forecast, by Technology
 - 7.3.5.2.3 Market size and forecast, by Application
 - 7.3.5.3 UK
 - 7.3.5.3.1 Market size and forecast, by Type
 - 7.3.5.3.2 Market size and forecast, by Technology
 - 7.3.5.3.3 Market size and forecast, by Application
 - 7.3.5.4 Italy
 - 7.3.5.4.1 Market size and forecast, by Type
 - 7.3.5.4.2 Market size and forecast, by Technology
 - 7.3.5.4.3 Market size and forecast, by Application
 - 7.3.5.5 Spain
 - 7.3.5.5.1 Market size and forecast, by Type
 - 7.3.5.5.2 Market size and forecast, by Technology
 - 7.3.5.5.3 Market size and forecast, by Application
 - 7.3.5.6 Russia
 - 7.3.5.6.1 Market size and forecast, by Type
 - 7.3.5.6.2 Market size and forecast, by Technology
 - 7.3.5.6.3 Market size and forecast, by Application
 - 7.3.5.7 Poland
 - 7.3.5.7.1 Market size and forecast, by Type
 - 7.3.5.7.2 Market size and forecast, by Technology
 - 7.3.5.7.3 Market size and forecast, by Application
 - 7.3.5.8 Netherlands
 - 7.3.5.8.1 Market size and forecast, by Type
 - 7.3.5.8.2 Market size and forecast, by Technology
 - 7.3.5.8.3 Market size and forecast, by Application
 - 7.3.5.9 Sweden
 - 7.3.5.9.1 Market size and forecast, by Type
 - 7.3.5.9.2 Market size and forecast, by Technology
 - 7.3.5.9.3 Market size and forecast, by Application
 - 7.3.5.10 Rest of Europe
 - 7.3.5.10.1 Market size and forecast, by Type
 - 7.3.5.10.2 Market size and forecast, by Technology
 - 7.3.5.10.3 Market size and forecast, by Application
- 7.4 Asia-Pacific

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- 7.4.1 Key trends and opportunities
- 7.4.2 Asia-Pacific Market size and forecast, by Type
 - 7.4.2.1 Asia-Pacific Automatic Automatic Bending Machine Market by Capacity
- 7.4.3 Asia-Pacific Market size and forecast, by Technology
- 7.4.4 Asia-Pacific Market size and forecast, by Application
- 7.4.5 Asia-Pacific Market size and forecast, by country
 - 7.4.5.1 China
 - 7.4.5.1.1 Market size and forecast, by Type
 - 7.4.5.1.2 Market size and forecast, by Technology
 - 7.4.5.1.3 Market size and forecast, by Application
 - 7.4.5.2 India
 - 7.4.5.2.1 Market size and forecast, by Type
 - 7.4.5.2.2 Market size and forecast, by Technology
 - 7.4.5.2.3 Market size and forecast, by Application
 - 7.4.5.3 Japan
 - 7.4.5.3.1 Market size and forecast, by Type
 - 7.4.5.3.2 Market size and forecast, by Technology
 - 7.4.5.3.3 Market size and forecast, by Application
 - 7.4.5.4 South Korea
 - 7.4.5.4.1 Market size and forecast, by Type
 - 7.4.5.4.2 Market size and forecast, by Technology
 - 7.4.5.4.3 Market size and forecast, by Application
 - 7.4.5.5 Australia
 - 7.4.5.5.1 Market size and forecast, by Type
 - 7.4.5.5.2 Market size and forecast, by Technology
 - 7.4.5.5.3 Market size and forecast, by Application
 - 7.4.5.6 Thailand
 - 7.4.5.6.1 Market size and forecast, by Type
 - 7.4.5.6.2 Market size and forecast, by Technology
 - 7.4.5.6.3 Market size and forecast, by Application
 - 7.4.5.7 Indonesia
 - 7.4.5.7.1 Market size and forecast, by Type
 - 7.4.5.7.2 Market size and forecast, by Technology
 - 7.4.5.7.3 Market size and forecast, by Application
 - 7.4.5.8 Vietnam
 - 7.4.5.8.1 Market size and forecast, by Type
 - 7.4.5.8.2 Market size and forecast, by Technology
 - 7.4.5.8.3 Market size and forecast, by Application
 - 7.4.5.9 Rest of Asia-Pacific
 - 7.4.5.9.1 Market size and forecast, by Type
 - 7.4.5.9.2 Market size and forecast, by Technology
 - 7.4.5.9.3 Market size and forecast, by Application
- 7.5 LAMEA
 - 7.5.1 Key trends and opportunities
 - 7.5.2 LAMEA Market size and forecast, by Type
 - 7.5.2.1 LAMEA Automatic Automatic Bending Machine Market by Capacity
 - 7.5.3 LAMEA Market size and forecast, by Technology

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- 7.5.4 LAMEA Market size and forecast, by Application
- 7.5.5 LAMEA Market size and forecast, by country
 - 7.5.5.1 Brazil
 - 7.5.5.1.1 Market size and forecast, by Type
 - 7.5.5.1.2 Market size and forecast, by Technology
 - 7.5.5.1.3 Market size and forecast, by Application
 - 7.5.5.2 Argentina
 - 7.5.5.2.1 Market size and forecast, by Type
 - 7.5.5.2.2 Market size and forecast, by Technology
 - 7.5.5.2.3 Market size and forecast, by Application
 - 7.5.5.3 Saudi Arabia
 - 7.5.5.3.1 Market size and forecast, by Type
 - 7.5.5.3.2 Market size and forecast, by Technology
 - 7.5.5.3.3 Market size and forecast, by Application
 - 7.5.5.4 UAE
 - 7.5.5.4.1 Market size and forecast, by Type
 - 7.5.5.4.2 Market size and forecast, by Technology
 - 7.5.5.4.3 Market size and forecast, by Application
 - 7.5.5.5 South Africa
 - 7.5.5.5.1 Market size and forecast, by Type
 - 7.5.5.5.2 Market size and forecast, by Technology
 - 7.5.5.5.3 Market size and forecast, by Application
 - 7.5.5.6 Nigeria
 - 7.5.5.6.1 Market size and forecast, by Type
 - 7.5.5.6.2 Market size and forecast, by Technology
 - 7.5.5.6.3 Market size and forecast, by Application
 - 7.5.5.7 Rest of LAMEA
 - 7.5.5.7.1 Market size and forecast, by Type
 - 7.5.5.7.2 Market size and forecast, by Technology
 - 7.5.5.7.3 Market size and forecast, by Application

CHAPTER 8: COMPANY LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Key developments

CHAPTER 9: COMPANY PROFILES

- 9.1 Amada Co. Ltd
 - 9.1.1 Company overview
 - 9.1.2 Company snapshot
 - 9.1.3 Operating business segments
 - 9.1.4 Product portfolio
 - 9.1.5 Business performance
 - 9.1.6 Key strategic moves and developments
- 9.2 AMOB
 - 9.2.1 Company overview

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- 9.2.2 Company snapshot
- 9.2.3 Operating business segments
- 9.2.4 Product portfolio
- 9.2.5 Business performance
- 9.2.6 Key strategic moves and developments
- 9.3 Baileigh Industries, Inc.
- 9.3.1 Company overview
- 9.3.2 Company snapshot
- 9.3.3 Operating business segments
- 9.3.4 Product portfolio
- 9.3.5 Business performance
- 9.3.6 Key strategic moves and developments
- 9.4 BLM Group
- 9.4.1 Company overview
- 9.4.2 Company snapshot
- 9.4.3 Operating business segments
- 9.4.4 Product portfolio
- 9.4.5 Business performance
- 9.4.6 Key strategic moves and developments
- 9.5 Bystronic
- 9.5.1 Company overview
- 9.5.2 Company snapshot
- 9.5.3 Operating business segments
- 9.5.4 Product portfolio
- 9.5.5 Business performance
- 9.5.6 Key strategic moves and developments
- 9.6 Danobatgroup
- 9.6.1 Company overview
- 9.6.2 Company snapshot
- 9.6.3 Operating business segments
- 9.6.4 Product portfolio
- 9.6.5 Business performance
- 9.6.6 Key strategic moves and developments
- 9.7 Euromac
- 9.7.1 Company overview
- 9.7.2 Company snapshot
- 9.7.3 Operating business segments
- 9.7.4 Product portfolio
- 9.7.5 Business performance
- 9.7.6 Key strategic moves and developments
- 9.8 HACO
- 9.8.1 Company overview
- 9.8.2 Company snapshot
- 9.8.3 Operating business segments
- 9.8.4 Product portfolio
- 9.8.5 Business performance
- 9.8.6 Key strategic moves and developments

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- 9.9 Horn Machines Tools, Inc.
 - 9.9.1 Company overview
 - 9.9.2 Company snapshot
 - 9.9.3 Operating business segments
 - 9.9.4 Product portfolio
 - 9.9.5 Business performance
 - 9.9.6 Key strategic moves and developments
- 9.10 PEDAX GmbH
 - 9.10.1 Company overview
 - 9.10.2 Company snapshot
 - 9.10.3 Operating business segments
 - 9.10.4 Product portfolio
 - 9.10.5 Business performance
 - 9.10.6 Key strategic moves and developments
- 9.11 Pines Engineering & H&H Tooling
 - 9.11.1 Company overview
 - 9.11.2 Company snapshot
 - 9.11.3 Operating business segments
 - 9.11.4 Product portfolio
 - 9.11.5 Business performance
 - 9.11.6 Key strategic moves and developments
- 9.12 Prima Industrie S.p.A.
 - 9.12.1 Company overview
 - 9.12.2 Company snapshot
 - 9.12.3 Operating business segments
 - 9.12.4 Product portfolio
 - 9.12.5 Business performance
 - 9.12.6 Key strategic moves and developments
- 9.13 Shuz Tung Machinery Industrial Co., Ltd
 - 9.13.1 Company overview
 - 9.13.2 Company snapshot
 - 9.13.3 Operating business segments
 - 9.13.4 Product portfolio
 - 9.13.5 Business performance
 - 9.13.6 Key strategic moves and developments
- 9.14 Soco Machinery
 - 9.14.1 Company overview
 - 9.14.2 Company snapshot
 - 9.14.3 Operating business segments
 - 9.14.4 Product portfolio
 - 9.14.5 Business performance
 - 9.14.6 Key strategic moves and developments
- 9.15 Transfluid Maschinenbau GmbH
 - 9.15.1 Company overview
 - 9.15.2 Company snapshot
 - 9.15.3 Operating business segments
 - 9.15.4 Product portfolio

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- 9.15.5 Business performance
- 9.15.6 Key strategic moves and developments
- 9.16 TRUMPF
 - 9.16.1 Company overview
 - 9.16.2 Company snapshot
 - 9.16.3 Operating business segments
 - 9.16.4 Product portfolio
 - 9.16.5 Business performance
 - 9.16.6 Key strategic moves and developments
- 9.17 WAFIOS AG
 - 9.17.1 Company overview
 - 9.17.2 Company snapshot
 - 9.17.3 Operating business segments
 - 9.17.4 Product portfolio
 - 9.17.5 Business performance
 - 9.17.6 Key strategic moves and developments

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