

Global CNC Machine Encoder Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G66635CAFBB3EN.html>

Date: February 2026

Pages: 141

Price: US\$ 2,980.00 (Single User License)

ID: G66635CAFBB3EN

Abstracts

A CNC Machine Encoder is a crucial component in computer numerical control (CNC) machinery. It is a device that converts the physical motion of machine elements, such as the rotation of a spindle or the linear movement of a slide, into digital signals. These digital signals are then fed back to the CNC control system, allowing it to precisely monitor and control the position, speed, and direction of the machine's movements. The encoder provides accurate and real-time information, enabling the CNC machine to operate with high precision and repeatability, which is essential for manufacturing complex parts with tight tolerances in various industries like aerospace, automotive, and machining.

The global CNC Machine Encoder market size was estimated at USD 1448.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 5.30% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global CNC Machine Encoder market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global CNC

Machine Encoder market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the CNC Machine Encoder market.

Global CNC Machine Encoder Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Quantum Devices
Heidenhain
Dynapar
Renishaw
Fagor
Changchun Rongde Optics Co., Ltd.(ROUNDSS)
Shanghai Hengxiang Optical Electronics Co., Ltd.
ZS Instruments
Kwangwoo
Lasertex
Sensata Technologies

Market Segmentation (by Type)

Incremental Encoders

Absolute Encoders

Market Segmentation (by Application)

Position Control

Speed Control

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the CNC Machine Encoder Market

Overview of the regional outlook of the CNC Machine Encoder Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the CNC Machine Encoder Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of CNC Machine Encoder, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of CNC Machine Encoder
- 1.2 Key Market Segments
 - 1.2.1 CNC Machine Encoder Segment by Type
 - 1.2.2 CNC Machine Encoder Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 CNC MACHINE ENCODER MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global CNC Machine Encoder Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global CNC Machine Encoder Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 CNC MACHINE ENCODER MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global CNC Machine Encoder Product Life Cycle
- 3.3 Global CNC Machine Encoder Sales by Manufacturers (2020-2025)
- 3.4 Global CNC Machine Encoder Revenue Market Share by Manufacturers (2020-2025)
- 3.5 CNC Machine Encoder Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global CNC Machine Encoder Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 CNC Machine Encoder Market Competitive Situation and Trends
 - 3.8.1 CNC Machine Encoder Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest CNC Machine Encoder Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 CNC MACHINE ENCODER INDUSTRY CHAIN ANALYSIS

- 4.1 CNC Machine Encoder Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF CNC MACHINE ENCODER MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global CNC Machine Encoder Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to CNC Machine Encoder Market
- 5.7 ESG Ratings of Leading Companies

6 CNC MACHINE ENCODER MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global CNC Machine Encoder Sales Market Share by Type (2020-2025)
- 6.3 Global CNC Machine Encoder Market Size by Type (2020-2025)
- 6.4 Global CNC Machine Encoder Price by Type (2020-2025)

7 CNC MACHINE ENCODER MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

- 7.2 Global CNC Machine Encoder Market Sales by Application (2020-2025)
- 7.3 Global CNC Machine Encoder Market Size (M USD) by Application (2020-2025)
- 7.4 Global CNC Machine Encoder Sales Growth Rate by Application (2020-2025)

8 CNC MACHINE ENCODER MARKET SALES BY REGION

- 8.1 Global CNC Machine Encoder Sales by Region
 - 8.1.1 Global CNC Machine Encoder Sales by Region
 - 8.1.2 Global CNC Machine Encoder Sales Market Share by Region
- 8.2 Global CNC Machine Encoder Market Size by Region
 - 8.2.1 Global CNC Machine Encoder Market Size by Region
 - 8.2.2 Global CNC Machine Encoder Market Size by Region
- 8.3 North America
 - 8.3.1 North America CNC Machine Encoder Sales by Country
 - 8.3.2 North America CNC Machine Encoder Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe CNC Machine Encoder Sales by Country
 - 8.4.2 Europe CNC Machine Encoder Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific CNC Machine Encoder Sales by Region
 - 8.5.2 Asia Pacific CNC Machine Encoder Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America CNC Machine Encoder Sales by Country
 - 8.6.2 South America CNC Machine Encoder Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa CNC Machine Encoder Sales by Region

8.7.2 Middle East and Africa CNC Machine Encoder Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 CNC MACHINE ENCODER MARKET PRODUCTION BY REGION

9.1 Global Production of CNC Machine Encoder by Region(2020-2025)

9.2 Global CNC Machine Encoder Revenue Market Share by Region (2020-2025)

9.3 Global CNC Machine Encoder Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America CNC Machine Encoder Production

9.4.1 North America CNC Machine Encoder Production Growth Rate (2020-2025)

9.4.2 North America CNC Machine Encoder Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe CNC Machine Encoder Production

9.5.1 Europe CNC Machine Encoder Production Growth Rate (2020-2025)

9.5.2 Europe CNC Machine Encoder Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan CNC Machine Encoder Production (2020-2025)

9.6.1 Japan CNC Machine Encoder Production Growth Rate (2020-2025)

9.6.2 Japan CNC Machine Encoder Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China CNC Machine Encoder Production (2020-2025)

9.7.1 China CNC Machine Encoder Production Growth Rate (2020-2025)

9.7.2 China CNC Machine Encoder Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Quantum Devices

10.1.1 Quantum Devices Basic Information

10.1.2 Quantum Devices CNC Machine Encoder Product Overview

10.1.3 Quantum Devices CNC Machine Encoder Product Market Performance

- 10.1.4 Quantum Devices Business Overview
- 10.1.5 Quantum Devices SWOT Analysis
- 10.1.6 Quantum Devices Recent Developments
- 10.2 Heidenhain
 - 10.2.1 Heidenhain Basic Information
 - 10.2.2 Heidenhain CNC Machine Encoder Product Overview
 - 10.2.3 Heidenhain CNC Machine Encoder Product Market Performance
 - 10.2.4 Heidenhain Business Overview
 - 10.2.5 Heidenhain SWOT Analysis
 - 10.2.6 Heidenhain Recent Developments
- 10.3 Dynapar
 - 10.3.1 Dynapar Basic Information
 - 10.3.2 Dynapar CNC Machine Encoder Product Overview
 - 10.3.3 Dynapar CNC Machine Encoder Product Market Performance
 - 10.3.4 Dynapar Business Overview
 - 10.3.5 Dynapar SWOT Analysis
 - 10.3.6 Dynapar Recent Developments
- 10.4 Renishaw
 - 10.4.1 Renishaw Basic Information
 - 10.4.2 Renishaw CNC Machine Encoder Product Overview
 - 10.4.3 Renishaw CNC Machine Encoder Product Market Performance
 - 10.4.4 Renishaw Business Overview
 - 10.4.5 Renishaw Recent Developments
- 10.5 Fagor
 - 10.5.1 Fagor Basic Information
 - 10.5.2 Fagor CNC Machine Encoder Product Overview
 - 10.5.3 Fagor CNC Machine Encoder Product Market Performance
 - 10.5.4 Fagor Business Overview
 - 10.5.5 Fagor Recent Developments
- 10.6 Changchun Rongde Optics Co., Ltd.(ROUNDSS)
 - 10.6.1 Changchun Rongde Optics Co., Ltd.(ROUNDSS) Basic Information
 - 10.6.2 Changchun Rongde Optics Co., Ltd.(ROUNDSS) CNC Machine Encoder Product Overview
 - 10.6.3 Changchun Rongde Optics Co., Ltd.(ROUNDSS) CNC Machine Encoder Product Market Performance
 - 10.6.4 Changchun Rongde Optics Co., Ltd.(ROUNDSS) Business Overview
 - 10.6.5 Changchun Rongde Optics Co., Ltd.(ROUNDSS) Recent Developments
- 10.7 Shanghai Hengxiang Optical Electronics Co., Ltd.
 - 10.7.1 Shanghai Hengxiang Optical Electronics Co., Ltd. Basic Information

10.7.2 Shanghai Hengxiang Optical Electronics Co., Ltd. CNC Machine Encoder Product Overview

10.7.3 Shanghai Hengxiang Optical Electronics Co., Ltd. CNC Machine Encoder Product Market Performance

10.7.4 Shanghai Hengxiang Optical Electronics Co., Ltd. Business Overview

10.7.5 Shanghai Hengxiang Optical Electronics Co., Ltd. Recent Developments

10.8 ZS Instruments

10.8.1 ZS Instruments Basic Information

10.8.2 ZS Instruments CNC Machine Encoder Product Overview

10.8.3 ZS Instruments CNC Machine Encoder Product Market Performance

10.8.4 ZS Instruments Business Overview

10.8.5 ZS Instruments Recent Developments

10.9 Kwangwoo

10.9.1 Kwangwoo Basic Information

10.9.2 Kwangwoo CNC Machine Encoder Product Overview

10.9.3 Kwangwoo CNC Machine Encoder Product Market Performance

10.9.4 Kwangwoo Business Overview

10.9.5 Kwangwoo Recent Developments

10.10 Lasertex

10.10.1 Lasertex Basic Information

10.10.2 Lasertex CNC Machine Encoder Product Overview

10.10.3 Lasertex CNC Machine Encoder Product Market Performance

10.10.4 Lasertex Business Overview

10.10.5 Lasertex Recent Developments

10.11 Sensata Technologies

10.11.1 Sensata Technologies Basic Information

10.11.2 Sensata Technologies CNC Machine Encoder Product Overview

10.11.3 Sensata Technologies CNC Machine Encoder Product Market Performance

10.11.4 Sensata Technologies Business Overview

10.11.5 Sensata Technologies Recent Developments

11 CNC MACHINE ENCODER MARKET FORECAST BY REGION

11.1 Global CNC Machine Encoder Market Size Forecast

11.2 Global CNC Machine Encoder Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe CNC Machine Encoder Market Size Forecast by Country

11.2.3 Asia Pacific CNC Machine Encoder Market Size Forecast by Region

11.2.4 South America CNC Machine Encoder Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of CNC Machine Encoder by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global CNC Machine Encoder Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of CNC Machine Encoder by Type (2026-2035)

12.1.2 Global CNC Machine Encoder Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of CNC Machine Encoder by Type (2026-2035)

12.2 Global CNC Machine Encoder Market Forecast by Application (2026-2035)

12.2.1 Global CNC Machine Encoder Sales (K Units) Forecast by Application

12.2.2 Global CNC Machine Encoder Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global CNC Machine Encoder Market Size by Type (M USD)
- Table 4. Global CNC Machine Encoder Market Size by Application
- Table 5. CNC Machine Encoder Market Size Comparison by Region (M USD)
- Table 6. Global CNC Machine Encoder Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global CNC Machine Encoder Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global CNC Machine Encoder Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global CNC Machine Encoder Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in CNC Machine Encoder as of 2025)
- Table 11. Global Market CNC Machine Encoder Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global CNC Machine Encoder Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. CNC Machine Encoder Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global CNC Machine Encoder Sales by Type (K Units)
- Table 27. Global CNC Machine Encoder Market Size by Type (M USD)
- Table 28. Global CNC Machine Encoder Sales (K Units) by Type (2020-2025)
- Table 29. Global CNC Machine Encoder Sales Market Share by Type (2020-2025)

- Table 30. Global CNC Machine Encoder Market Size (M USD) by Type (2020-2025)
- Table 31. Global CNC Machine Encoder Market Share by Type (2020-2025)
- Table 32. Global CNC Machine Encoder Price (USD/Unit) by Type (2020-2025)
- Table 33. Global CNC Machine Encoder Sales (K Units) by Application
- Table 34. Global CNC Machine Encoder Market Size by Application
- Table 35. Global CNC Machine Encoder Sales by Application (2020-2025) & (K Units)
- Table 36. Global CNC Machine Encoder Sales Market Share by Application (2020-2025)
- Table 37. Global CNC Machine Encoder Market Size by Application (2020-2025) & (M USD)
- Table 38. Global CNC Machine Encoder Market Share by Application (2020-2025)
- Table 39. Global CNC Machine Encoder Sales Growth Rate by Application (2020-2025)
- Table 40. Global CNC Machine Encoder Sales by Region (2020-2025) & (K Units)
- Table 41. Global CNC Machine Encoder Sales Market Share by Region (2020-2025)
- Table 42. Global CNC Machine Encoder Market Size by Region (2020-2025) & (M USD)
- Table 43. Global CNC Machine Encoder Market Size by Region (2020-2025)
- Table 44. North America CNC Machine Encoder Sales by Country (2020-2025) & (K Units)
- Table 45. North America CNC Machine Encoder Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe CNC Machine Encoder Sales by Country (2020-2025) & (K Units)
- Table 47. Europe CNC Machine Encoder Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific CNC Machine Encoder Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific CNC Machine Encoder Market Size by Region (2020-2025) & (M USD)
- Table 50. South America CNC Machine Encoder Sales by Country (2020-2025) & (K Units)
- Table 51. South America CNC Machine Encoder Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa CNC Machine Encoder Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa CNC Machine Encoder Market Size by Region (2020-2025) & (M USD)
- Table 54. Global CNC Machine Encoder Production (K Units) by Region(2020-2025)
- Table 55. Global CNC Machine Encoder Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global CNC Machine Encoder Revenue Market Share by Region (2020-2025)
- Table 57. Global CNC Machine Encoder Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America CNC Machine Encoder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe CNC Machine Encoder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan CNC Machine Encoder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China CNC Machine Encoder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Quantum Devices Basic Information

Table 63. Quantum Devices CNC Machine Encoder Product Overview

Table 64. Quantum Devices CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Quantum Devices Business Overview

Table 66. Quantum Devices SWOT Analysis

Table 67. Quantum Devices Recent Developments

Table 68. Heidenhain Basic Information

Table 69. Heidenhain CNC Machine Encoder Product Overview

Table 70. Heidenhain CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Heidenhain Business Overview

Table 72. Heidenhain SWOT Analysis

Table 73. Heidenhain Recent Developments

Table 74. Dynapar Basic Information

Table 75. Dynapar CNC Machine Encoder Product Overview

Table 76. Dynapar CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Dynapar Business Overview

Table 78. Dynapar SWOT Analysis

Table 79. Dynapar Recent Developments

Table 80. Renishaw Basic Information

Table 81. Renishaw CNC Machine Encoder Product Overview

Table 82. Renishaw CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Renishaw Business Overview

Table 84. Renishaw Recent Developments

Table 85. Fagor Basic Information

Table 86. Fagor CNC Machine Encoder Product Overview

Table 87. Fagor CNC Machine Encoder Sales (K Units), Revenue (M USD), Price

(USD/Unit) and Gross Margin (2020-2025)

Table 88. Fagor Business Overview

Table 89. Fagor Recent Developments

Table 90. Changchun Rongde Optics Co., Ltd.(ROUNDSS) Basic Information

Table 91. Changchun Rongde Optics Co., Ltd.(ROUNDSS) CNC Machine Encoder Product Overview

Table 92. Changchun Rongde Optics Co., Ltd.(ROUNDSS) CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Changchun Rongde Optics Co., Ltd.(ROUNDSS) Business Overview

Table 94. Changchun Rongde Optics Co., Ltd.(ROUNDSS) Recent Developments

Table 95. Shanghai Hengxiang Optical Electronics Co., Ltd. Basic Information

Table 96. Shanghai Hengxiang Optical Electronics Co., Ltd. CNC Machine Encoder Product Overview

Table 97. Shanghai Hengxiang Optical Electronics Co., Ltd. CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Shanghai Hengxiang Optical Electronics Co., Ltd. Business Overview

Table 99. Shanghai Hengxiang Optical Electronics Co., Ltd. Recent Developments

Table 100. ZS Instruments Basic Information

Table 101. ZS Instruments CNC Machine Encoder Product Overview

Table 102. ZS Instruments CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. ZS Instruments Business Overview

Table 104. ZS Instruments Recent Developments

Table 105. Kwangwoo Basic Information

Table 106. Kwangwoo CNC Machine Encoder Product Overview

Table 107. Kwangwoo CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Kwangwoo Business Overview

Table 109. Kwangwoo Recent Developments

Table 110. Lasertex Basic Information

Table 111. Lasertex CNC Machine Encoder Product Overview

Table 112. Lasertex CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Lasertex Business Overview

Table 114. Lasertex Recent Developments

Table 115. Sensata Technologies Basic Information

Table 116. Sensata Technologies CNC Machine Encoder Product Overview

Table 117. Sensata Technologies CNC Machine Encoder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

- Table 118. Sensata Technologies Business Overview
- Table 119. Sensata Technologies Recent Developments
- Table 120. Global CNC Machine Encoder Sales Forecast by Region (2026-2035) & (K Units)
- Table 121. Global CNC Machine Encoder Market Size Forecast by Region (2026-2035) & (M USD)
- Table 122. North America CNC Machine Encoder Sales Forecast by Country (2026-2035) & (K Units)
- Table 123. North America CNC Machine Encoder Market Size Forecast by Country (2026-2035) & (M USD)
- Table 124. Europe CNC Machine Encoder Sales Forecast by Country (2026-2035) & (K Units)
- Table 125. Europe CNC Machine Encoder Market Size Forecast by Country (2026-2035) & (M USD)
- Table 126. Asia Pacific CNC Machine Encoder Sales Forecast by Region (2026-2035) & (K Units)
- Table 127. Asia Pacific CNC Machine Encoder Market Size Forecast by Region (2026-2035) & (M USD)
- Table 128. South America CNC Machine Encoder Sales Forecast by Country (2026-2035) & (K Units)
- Table 129. South America CNC Machine Encoder Market Size Forecast by Country (2026-2035) & (M USD)
- Table 130. Middle East and Africa CNC Machine Encoder Sales Forecast by Country (2026-2035) & (Units)
- Table 131. Middle East and Africa CNC Machine Encoder Market Size Forecast by Country (2026-2035) & (M USD)
- Table 132. Global CNC Machine Encoder Sales Forecast by Type (2026-2035) & (K Units)
- Table 133. Global CNC Machine Encoder Market Size Forecast by Type (2026-2035) & (M USD)
- Table 134. Global CNC Machine Encoder Price Forecast by Type (2026-2035) & (USD/Unit)
- Table 135. Global CNC Machine Encoder Sales (K Units) Forecast by Application (2026-2035)
- Table 136. Global CNC Machine Encoder Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of CNC Machine Encoder
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global CNC Machine Encoder Market Size (M USD), 2025-2035
- Figure 5. Global CNC Machine Encoder Market Size (M USD) (2020-2035)
- Figure 6. Global CNC Machine Encoder Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. CNC Machine Encoder Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global CNC Machine Encoder Product Life Cycle
- Figure 13. CNC Machine Encoder Sales Share by Manufacturers in 2025
- Figure 14. Global CNC Machine Encoder Revenue Share by Manufacturers in 2025
- Figure 15. CNC Machine Encoder Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market CNC Machine Encoder Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by CNC Machine Encoder Revenue in 2025
- Figure 18. Industry Chain Map of CNC Machine Encoder
- Figure 19. Global CNC Machine Encoder Market PEST Analysis
- Figure 20. Global CNC Machine Encoder Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global CNC Machine Encoder Market Share by Type
- Figure 27. Sales Market Share of CNC Machine Encoder by Type (2020-2025)
- Figure 28. Sales Market Share of CNC Machine Encoder by Type in 2025
- Figure 29. Market Share of CNC Machine Encoder by Type (2020-2025)
- Figure 30. Market Share of CNC Machine Encoder by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global CNC Machine Encoder Market Share by Application

- Figure 33. Global CNC Machine Encoder Sales Market Share by Application (2020-2025)
- Figure 34. Global CNC Machine Encoder Sales Market Share by Application in 2025
- Figure 35. Global CNC Machine Encoder Market Share by Application (2020-2025)
- Figure 36. Global CNC Machine Encoder Market Share by Application in 2025
- Figure 37. Global CNC Machine Encoder Sales Growth Rate by Application (2020-2025)
- Figure 38. Global CNC Machine Encoder Sales Market Share by Region (2020-2025)
- Figure 39. Global CNC Machine Encoder Market Size by Region (2020-2025)
- Figure 40. North America CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America CNC Machine Encoder Sales Market Share by Country in 2024
- Figure 43. North America CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America CNC Machine Encoder Market Size by Country in 2024
- Figure 45. U.S. CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada CNC Machine Encoder Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada CNC Machine Encoder Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico CNC Machine Encoder Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico CNC Machine Encoder Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe CNC Machine Encoder Sales Market Share by Country in 2024
- Figure 53. Europe CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe CNC Machine Encoder Market Size by Country in 2024
- Figure 55. Germany CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K

Units)

Figure 58. France CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific CNC Machine Encoder Sales and Growth Rate (K Units)

Figure 66. Asia Pacific CNC Machine Encoder Sales Market Share by Region in 2024

Figure 67. Asia Pacific CNC Machine Encoder Market Size by Region in 2024

Figure 68. China CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America CNC Machine Encoder Sales and Growth Rate (K Units)

Figure 79. South America CNC Machine Encoder Sales Market Share by Country in 2024

Figure 80. South America CNC Machine Encoder Market Size and Growth Rate (M

USD)

Figure 81. South America CNC Machine Encoder Market Size by Country in 2024

Figure 82. Brazil CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa CNC Machine Encoder Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa CNC Machine Encoder Sales Market Share by Region in 2024

Figure 90. Middle East and Africa CNC Machine Encoder Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa CNC Machine Encoder Market Size by Region in 2024

Figure 92. Saudi Arabia CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa CNC Machine Encoder Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa CNC Machine Encoder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global CNC Machine Encoder Production Market Share by Region (2020-2025)

Figure 103. North America CNC Machine Encoder Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe CNC Machine Encoder Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan CNC Machine Encoder Production (K Units) Growth Rate (2020-2025)

Figure 106. China CNC Machine Encoder Production (K Units) Growth Rate (2020-2025)

Figure 107. Global CNC Machine Encoder Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global CNC Machine Encoder Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global CNC Machine Encoder Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global CNC Machine Encoder Market Share Forecast by Type (2026-2035)

Figure 111. Global CNC Machine Encoder Sales Forecast by Application (2026-2035)

Figure 112. Global CNC Machine Encoder Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global CNC Machine Encoder Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G66635CAFBB3EN.html>

Price: US\$ 2,980.00 (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/G66635CAFBB3EN.html>