

Global CCD Back Drilling Machine Market Growth 2026-2032

<https://marketpublishers.com/r/G75454B8BA06EN.html>

Date: July 2026

Pages: 133

Price: US\$ 3,660.00 (Single User License)

ID: G75454B8BA06EN

Abstracts

The global CCD Back Drilling Machine market size is predicted to grow from US\$ 372 million in 2025 to US\$ 725 million in 2032; it is expected to grow at a CAGR of 10.1% from 2026 to 2032.

In 2025, global CCD Back Drilling Machine production reached approximately 1.5k units, with an average global market price of around US\$250k per unit.

CCD Back Drilling Machine is a high-precision CNC drilling system used in printed circuit board (PCB) manufacturing and advanced electronics production. It is specifically designed for back drilling operations on plated through holes (PTHs) to remove unused copper stubs remaining inside vias after multilayer PCB fabrication. By eliminating these residual stubs, the machine helps reduce impedance discontinuities, signal reflections, crosstalk, and insertion losses in high-speed signal transmission environments. The equipment is typically equipped with a high-resolution CCD vision alignment system, high-speed electric spindle, precision motion control platform, and automatic compensation software. Through CCD image recognition and positioning technology, the machine can automatically calibrate drilling locations and correct alignment deviations, ensuring high drilling accuracy and depth control required for high-layer-count, high-density, and high-speed PCB production. CCD back drilling machines are widely used in the manufacturing of servers, data center switches, 5G communication equipment, AI computing hardware, aerospace electronics, automotive electronics, and high-performance computing systems, making them essential processing equipment for high-frequency and high-speed PCB fabrication.

The upstream segment of the CCD back drilling machine industry includes suppliers of high-precision electric spindles, CCD industrial cameras, optical lenses, linear motors,

ball screws, precision guideways, servo drive systems, motion controllers, industrial computers, drill bits, and CNC control systems. Representative suppliers include FANUC, Mitsubishi Electric, Yaskawa, THK, HIWIN, Bosch Rexroth, Basler, Cognex, KEYENCE, Schneider Electric, and Siemens. The midstream sector consists of PCB drilling equipment manufacturers and back drilling machine producers responsible for system integration, software development, vision alignment systems, and complete machine assembly. Downstream customers mainly include manufacturers of high-layer-count PCBs, high-speed PCBs, HDI boards, and advanced packaging substrates, such as Pengding Holdings, Dongshan Precision, Shennan Circuits, WUS Printed Circuit, TTM Technologies, Unimicron, Compeq, and Unitech. End-use applications cover AI servers, data center switches, 5G communication equipment, automotive electronics, aerospace electronics, and high-performance computing systems. As high-speed signal transmission requirements continue to increase, the importance of back drilling technology is growing rapidly.

The CCD back drilling machine market is an important segment within the advanced PCB manufacturing equipment industry and is closely linked to AI servers, high-speed switches, data centers, 5G communications, automotive electronics, and advanced packaging technologies. As signal transmission speeds continue to increase, the impact of via stubs on signal integrity has become more significant, making back drilling a critical process for high-layer-count and high-frequency PCB production. The market is moving toward higher precision, faster spindle speeds, enhanced vision recognition capabilities, and greater manufacturing intelligence. CCD vision alignment systems have become a key technology for improving yield and processing efficiency. In addition, investments in AI computing infrastructure, demand for high-performance servers, and advances in semiconductor packaging technologies continue to support equipment upgrades. However, the industry also faces challenges such as high R&D costs, dependence on advanced core components, lengthy customer qualification processes, and cyclical fluctuations in the PCB industry. Future competition will focus on machining accuracy, automation levels, software algorithm capabilities, and comprehensive manufacturing solutions.

LP Information, Inc. (LPI) ' newest research report, the "CCD Back Drilling Machine Industry Forecast" looks at past sales and reviews total world CCD Back Drilling Machine sales in 2025, providing a comprehensive analysis by region and market sector of projected CCD Back Drilling Machine sales for 2026 through 2032. With CCD Back Drilling Machine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world CCD Back Drilling Machine industry.

This Insight Report provides a comprehensive analysis of the global CCD Back Drilling Machine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on CCD Back Drilling Machine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global CCD Back Drilling Machine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for CCD Back Drilling Machine and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global CCD Back Drilling Machine.

This report presents a comprehensive overview, market shares, and growth opportunities of CCD Back Drilling Machine market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Worktable

Dual Worktable

Segmentation by Number of Spindles:

Single Spindle

Dual Spindle

Quadruple Spindle

Others

Segmentation by Drilling Diameter:

0.05-0.10 mm

0.10-0.20 mm

0.20-0.30 mm

0.30-0.40 mm

0.40-0.50 mm

Others

Segmentation by Application:

Printed Circuit Board

Flexible Circuit Board

Copper Clad Laminate

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Schmoll Maschinen

Via Mechanics

MURAKI

Bungard Elektronik

Intectiv

Fortex Engineering

Pluritec

Ta Liang

Tongtai

Bill Ben Company

Shin Gang Automation

Hans CNC

Vega CNC

Victory Giant Technology

Crild Technology

Sunus Electronic

Key Questions Addressed in this Report

What is the 10-year outlook for the global CCD Back Drilling Machine market?

What factors are driving CCD Back Drilling Machine market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do CCD Back Drilling Machine market opportunities vary by end market size?

How does CCD Back Drilling Machine break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

2.1.1 Global CCD Back Drilling Machine Annual Sales 2021-2032

2.1.2 World Current & Future Analysis for CCD Back Drilling Machine by Geographic Region, 2021, 2025 & 2032

2.1.3 World Current & Future Analysis for CCD Back Drilling Machine by Country/Region, 2021, 2025 & 2032

2.2 CCD Back Drilling Machine Segment by Type

2.2.1 Single Worktable

2.2.2 Dual Worktable

2.2.3 CCD Back Drilling Machine Sales by Type

2.2.3.1 Global CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

2.2.3.2 Global CCD Back Drilling Machine Revenue and Market Share by Type (2021-2026)

2.2.3.3 Global CCD Back Drilling Machine Sale Price by Type (2021-2026)

2.3 CCD Back Drilling Machine Segment by Number of Spindles

2.3.1 Single Spindle

2.3.2 Dual Spindle

2.3.3 Quadruple Spindle

2.3.4 Others

2.3.5 CCD Back Drilling Machine Sales by Number of Spindles

2.3.5.1 Global CCD Back Drilling Machine Sales Market Share by Number of Spindles (2021-2026)

2.3.5.2 Global CCD Back Drilling Machine Revenue and Market Share by Number of Spindles (2021-2026)

2.3.5.3 Global CCD Back Drilling Machine Sale Price by Number of Spindles
(2021-2026)

2.4 CCD Back Drilling Machine Segment by Drilling Diameter

2.4.1 0.05-0.10 mm

2.4.2 0.10-0.20 mm

2.4.3 0.20-0.30 mm

2.4.4 0.30-0.40 mm

2.4.5 0.40-0.50 mm

2.4.6 Others

2.4.7 CCD Back Drilling Machine Sales by Drilling Diameter

2.4.7.1 Global CCD Back Drilling Machine Sales Market Share by Drilling Diameter
(2021-2026)

2.4.7.2 Global CCD Back Drilling Machine Revenue and Market Share by Drilling
Diameter (2021-2026)

2.4.7.3 Global CCD Back Drilling Machine Sale Price by Drilling Diameter
(2021-2026)

2.5 CCD Back Drilling Machine Segment by Application

2.5.1 Printed Circuit Board

2.5.2 Flexible Circuit Board

2.5.3 Copper Clad Laminate

2.5.4 Others

2.5.5 CCD Back Drilling Machine Sales by Application

2.5.5.1 Global CCD Back Drilling Machine Sale Market Share by Application
(2021-2026)

2.5.5.2 Global CCD Back Drilling Machine Revenue and Market Share by Application
(2021-2026)

2.5.5.3 Global CCD Back Drilling Machine Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global CCD Back Drilling Machine Breakdown Data by Company

3.1.1 Global CCD Back Drilling Machine Annual Sales by Company (2021-2026)

3.1.2 Global CCD Back Drilling Machine Sales Market Share by Company (2021-2026)

3.2 Global CCD Back Drilling Machine Annual Revenue by Company (2021-2026)

3.2.1 Global CCD Back Drilling Machine Revenue by Company (2021-2026)

3.2.2 Global CCD Back Drilling Machine Revenue Market Share by Company
(2021-2026)

3.3 Global CCD Back Drilling Machine Sale Price by Company

3.4 Key Manufacturers CCD Back Drilling Machine Producing Area Distribution, Sales

Area, Product Type

- 3.4.1 Key Manufacturers CCD Back Drilling Machine Product Location Distribution
- 3.4.2 Players CCD Back Drilling Machine Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR CCD BACK DRILLING MACHINE BY GEOGRAPHIC REGION

- 4.1 World Historic CCD Back Drilling Machine Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global CCD Back Drilling Machine Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global CCD Back Drilling Machine Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic CCD Back Drilling Machine Market Size by Country/Region (2021-2026)
 - 4.2.1 Global CCD Back Drilling Machine Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global CCD Back Drilling Machine Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas CCD Back Drilling Machine Sales Growth
- 4.4 APAC CCD Back Drilling Machine Sales Growth
- 4.5 Europe CCD Back Drilling Machine Sales Growth
- 4.6 Middle East & Africa CCD Back Drilling Machine Sales Growth

5 AMERICAS

- 5.1 Americas CCD Back Drilling Machine Sales by Country
 - 5.1.1 Americas CCD Back Drilling Machine Sales by Country (2021-2026)
 - 5.1.2 Americas CCD Back Drilling Machine Revenue by Country (2021-2026)
- 5.2 Americas CCD Back Drilling Machine Sales by Type (2021-2026)
- 5.3 Americas CCD Back Drilling Machine Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC CCD Back Drilling Machine Sales by Region

6.1.1 APAC CCD Back Drilling Machine Sales by Region (2021-2026)

6.1.2 APAC CCD Back Drilling Machine Revenue by Region (2021-2026)

6.2 APAC CCD Back Drilling Machine Sales by Type (2021-2026)

6.3 APAC CCD Back Drilling Machine Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe CCD Back Drilling Machine by Country

7.1.1 Europe CCD Back Drilling Machine Sales by Country (2021-2026)

7.1.2 Europe CCD Back Drilling Machine Revenue by Country (2021-2026)

7.2 Europe CCD Back Drilling Machine Sales by Type (2021-2026)

7.3 Europe CCD Back Drilling Machine Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa CCD Back Drilling Machine by Country

8.1.1 Middle East & Africa CCD Back Drilling Machine Sales by Country (2021-2026)

8.1.2 Middle East & Africa CCD Back Drilling Machine Revenue by Country (2021-2026)

8.2 Middle East & Africa CCD Back Drilling Machine Sales by Type (2021-2026)

8.3 Middle East & Africa CCD Back Drilling Machine Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of CCD Back Drilling Machine

10.3 Manufacturing Process Analysis of CCD Back Drilling Machine

10.4 Industry Chain Structure of CCD Back Drilling Machine

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 CCD Back Drilling Machine Distributors

11.3 CCD Back Drilling Machine Customer

12 WORLD FORECAST REVIEW FOR CCD BACK DRILLING MACHINE BY GEOGRAPHIC REGION

12.1 Global CCD Back Drilling Machine Market Size Forecast by Region

12.1.1 Global CCD Back Drilling Machine Forecast by Region (2027-2032)

12.1.2 Global CCD Back Drilling Machine Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global CCD Back Drilling Machine Forecast by Type (2027-2032)

12.7 Global CCD Back Drilling Machine Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Schmoll Maschinen

13.1.1 Schmoll Maschinen Company Information

13.1.2 Schmoll Maschinen CCD Back Drilling Machine Product Portfolios and Specifications

13.1.3 Schmoll Maschinen CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Schmoll Maschinen Main Business Overview

13.1.5 Schmoll Maschinen Latest Developments

13.2 Via Mechanics

13.2.1 Via Mechanics Company Information

13.2.2 Via Mechanics CCD Back Drilling Machine Product Portfolios and Specifications

13.2.3 Via Mechanics CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Via Mechanics Main Business Overview

13.2.5 Via Mechanics Latest Developments

13.3 MURAKI

13.3.1 MURAKI Company Information

13.3.2 MURAKI CCD Back Drilling Machine Product Portfolios and Specifications

13.3.3 MURAKI CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 MURAKI Main Business Overview

13.3.5 MURAKI Latest Developments

13.4 Bungard Elektronik

13.4.1 Bungard Elektronik Company Information

13.4.2 Bungard Elektronik CCD Back Drilling Machine Product Portfolios and Specifications

13.4.3 Bungard Elektronik CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Bungard Elektronik Main Business Overview

13.4.5 Bungard Elektronik Latest Developments

13.5 Intectiv

13.5.1 Intectiv Company Information

13.5.2 Intectiv CCD Back Drilling Machine Product Portfolios and Specifications

13.5.3 Intectiv CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Intectiv Main Business Overview

- 13.5.5 Intectiv Latest Developments
- 13.6 Fortex Engineering
 - 13.6.1 Fortex Engineering Company Information
 - 13.6.2 Fortex Engineering CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.6.3 Fortex Engineering CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Fortex Engineering Main Business Overview
 - 13.6.5 Fortex Engineering Latest Developments
- 13.7 Pluritec
 - 13.7.1 Pluritec Company Information
 - 13.7.2 Pluritec CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.7.3 Pluritec CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Pluritec Main Business Overview
 - 13.7.5 Pluritec Latest Developments
- 13.8 Ta Liang
 - 13.8.1 Ta Liang Company Information
 - 13.8.2 Ta Liang CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.8.3 Ta Liang CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Ta Liang Main Business Overview
 - 13.8.5 Ta Liang Latest Developments
- 13.9 Tongtai
 - 13.9.1 Tongtai Company Information
 - 13.9.2 Tongtai CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.9.3 Tongtai CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Tongtai Main Business Overview
 - 13.9.5 Tongtai Latest Developments
- 13.10 Bill Ben Company
 - 13.10.1 Bill Ben Company Company Information
 - 13.10.2 Bill Ben Company CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.10.3 Bill Ben Company CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Bill Ben Company Main Business Overview
 - 13.10.5 Bill Ben Company Latest Developments
- 13.11 Shin Gang Automation

- 13.11.1 Shin Gang Automation Company Information
- 13.11.2 Shin Gang Automation CCD Back Drilling Machine Product Portfolios and Specifications
- 13.11.3 Shin Gang Automation CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.11.4 Shin Gang Automation Main Business Overview
- 13.11.5 Shin Gang Automation Latest Developments
- 13.12 Hans CNC
 - 13.12.1 Hans CNC Company Information
 - 13.12.2 Hans CNC CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.12.3 Hans CNC CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Hans CNC Main Business Overview
 - 13.12.5 Hans CNC Latest Developments
- 13.13 Vega CNC
 - 13.13.1 Vega CNC Company Information
 - 13.13.2 Vega CNC CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.13.3 Vega CNC CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Vega CNC Main Business Overview
 - 13.13.5 Vega CNC Latest Developments
- 13.14 Victory Giant Technology
 - 13.14.1 Victory Giant Technology Company Information
 - 13.14.2 Victory Giant Technology CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.14.3 Victory Giant Technology CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Victory Giant Technology Main Business Overview
 - 13.14.5 Victory Giant Technology Latest Developments
- 13.15 Crild Technology
 - 13.15.1 Crild Technology Company Information
 - 13.15.2 Crild Technology CCD Back Drilling Machine Product Portfolios and Specifications
 - 13.15.3 Crild Technology CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 Crild Technology Main Business Overview
 - 13.15.5 Crild Technology Latest Developments
- 13.16 Sunus Electronic
 - 13.16.1 Sunus Electronic Company Information

13.16.2 Sunus Electronic CCD Back Drilling Machine Product Portfolios and Specifications

13.16.3 Sunus Electronic CCD Back Drilling Machine Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Sunus Electronic Main Business Overview

13.16.5 Sunus Electronic Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. CCD Back Drilling Machine Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. CCD Back Drilling Machine Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Single Worktable

Table 4. Major Players of Dual Worktable

Table 5. Global CCD Back Drilling Machine Sales by Type (2021-2026) & (Units)

Table 6. Global CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

Table 7. Global CCD Back Drilling Machine Revenue by Type (2021-2026) & (\$ million)

Table 8. Global CCD Back Drilling Machine Revenue Market Share by Type (2021-2026)

Table 9. Global CCD Back Drilling Machine Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Major Players of Single Spindle

Table 11. Major Players of Dual Spindle

Table 12. Major Players of Quadruple Spindle

Table 13. Major Players of Others

Table 14. Global CCD Back Drilling Machine Sales by Number of Spindles (2021-2026) & (Units)

Table 15. Global CCD Back Drilling Machine Sales Market Share by Number of Spindles (2021-2026)

Table 16. Global CCD Back Drilling Machine Revenue by Number of Spindles (2021-2026) & (\$ million)

Table 17. Global CCD Back Drilling Machine Revenue Market Share by Number of Spindles (2021-2026)

Table 18. Global CCD Back Drilling Machine Sale Price by Number of Spindles (2021-2026) & (US\$/Unit)

Table 19. Major Players of 0.05-0.10 mm

Table 20. Major Players of 0.10-0.20 mm

Table 21. Major Players of 0.20-0.30 mm

Table 22. Major Players of 0.30-0.40 mm

Table 23. Major Players of 0.40-0.50 mm

Table 24. Major Players of Others

Table 25. Global CCD Back Drilling Machine Sales by Drilling Diameter (2021-2026) & (Units)

Table 26. Global CCD Back Drilling Machine Sales Market Share by Drilling Diameter (2021-2026)

Table 27. Global CCD Back Drilling Machine Revenue by Drilling Diameter (2021-2026) & (\$ million)

Table 28. Global CCD Back Drilling Machine Revenue Market Share by Drilling Diameter (2021-2026)

Table 29. Global CCD Back Drilling Machine Sale Price by Drilling Diameter (2021-2026) & (US\$/Unit)

Table 30. Global CCD Back Drilling Machine Sale by Application (2021-2026) & (Units)

Table 31. Global CCD Back Drilling Machine Sale Market Share by Application (2021-2026)

Table 32. Global CCD Back Drilling Machine Revenue by Application (2021-2026) & (\$ million)

Table 33. Global CCD Back Drilling Machine Revenue Market Share by Application (2021-2026)

Table 34. Global CCD Back Drilling Machine Sale Price by Application (2021-2026) & (US\$/Unit)

Table 35. Global CCD Back Drilling Machine Sales by Company (2021-2026) & (Units)

Table 36. Global CCD Back Drilling Machine Sales Market Share by Company (2021-2026)

Table 37. Global CCD Back Drilling Machine Revenue by Company (2021-2026) & (\$ millions)

Table 38. Global CCD Back Drilling Machine Revenue Market Share by Company (2021-2026)

Table 39. Global CCD Back Drilling Machine Sale Price by Company (2021-2026) & (US\$/Unit)

Table 40. Key Manufacturers CCD Back Drilling Machine Producing Area Distribution and Sales Area

Table 41. Players CCD Back Drilling Machine Products Offered

Table 42. CCD Back Drilling Machine Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 43. New Products and Potential Entrants

Table 44. Market M&A Activity & Strategy

Table 45. Global CCD Back Drilling Machine Sales by Geographic Region (2021-2026) & (Units)

Table 46. Global CCD Back Drilling Machine Sales Market Share Geographic Region (2021-2026)

Table 47. Global CCD Back Drilling Machine Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 48. Global CCD Back Drilling Machine Revenue Market Share by Geographic Region (2021-2026)

Table 49. Global CCD Back Drilling Machine Sales by Country/Region (2021-2026) & (Units)

Table 50. Global CCD Back Drilling Machine Sales Market Share by Country/Region (2021-2026)

Table 51. Global CCD Back Drilling Machine Revenue by Country/Region (2021-2026) & (\$ millions)

Table 52. Global CCD Back Drilling Machine Revenue Market Share by Country/Region (2021-2026)

Table 53. Americas CCD Back Drilling Machine Sales by Country (2021-2026) & (Units)

Table 54. Americas CCD Back Drilling Machine Sales Market Share by Country (2021-2026)

Table 55. Americas CCD Back Drilling Machine Revenue by Country (2021-2026) & (\$ millions)

Table 56. Americas CCD Back Drilling Machine Sales by Type (2021-2026) & (Units)

Table 57. Americas CCD Back Drilling Machine Sales by Application (2021-2026) & (Units)

Table 58. APAC CCD Back Drilling Machine Sales by Region (2021-2026) & (Units)

Table 59. APAC CCD Back Drilling Machine Sales Market Share by Region (2021-2026)

Table 60. APAC CCD Back Drilling Machine Revenue by Region (2021-2026) & (\$ millions)

Table 61. APAC CCD Back Drilling Machine Sales by Type (2021-2026) & (Units)

Table 62. APAC CCD Back Drilling Machine Sales by Application (2021-2026) & (Units)

Table 63. Europe CCD Back Drilling Machine Sales by Country (2021-2026) & (Units)

Table 64. Europe CCD Back Drilling Machine Revenue by Country (2021-2026) & (\$ millions)

Table 65. Europe CCD Back Drilling Machine Sales by Type (2021-2026) & (Units)

Table 66. Europe CCD Back Drilling Machine Sales by Application (2021-2026) & (Units)

Table 67. Middle East & Africa CCD Back Drilling Machine Sales by Country (2021-2026) & (Units)

Table 68. Middle East & Africa CCD Back Drilling Machine Revenue Market Share by Country (2021-2026)

Table 69. Middle East & Africa CCD Back Drilling Machine Sales by Type (2021-2026) & (Units)

Table 70. Middle East & Africa CCD Back Drilling Machine Sales by Application (2021-2026) & (Units)

Table 71. Key Market Drivers & Growth Opportunities of CCD Back Drilling Machine

Table 72. Key Market Challenges & Risks of CCD Back Drilling Machine

Table 73. Key Industry Trends of CCD Back Drilling Machine

Table 74. CCD Back Drilling Machine Raw Material

Table 75. Key Suppliers of Raw Materials

Table 76. CCD Back Drilling Machine Distributors List

Table 77. CCD Back Drilling Machine Customer List

Table 78. Global CCD Back Drilling Machine Sales Forecast by Region (2027-2032) & (Units)

Table 79. Global CCD Back Drilling Machine Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Americas CCD Back Drilling Machine Sales Forecast by Country (2027-2032) & (Units)

Table 81. Americas CCD Back Drilling Machine Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. APAC CCD Back Drilling Machine Sales Forecast by Region (2027-2032) & (Units)

Table 83. APAC CCD Back Drilling Machine Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 84. Europe CCD Back Drilling Machine Sales Forecast by Country (2027-2032) & (Units)

Table 85. Europe CCD Back Drilling Machine Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 86. Middle East & Africa CCD Back Drilling Machine Sales Forecast by Country (2027-2032) & (Units)

Table 87. Middle East & Africa CCD Back Drilling Machine Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 88. Global CCD Back Drilling Machine Sales Forecast by Type (2027-2032) & (Units)

Table 89. Global CCD Back Drilling Machine Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 90. Global CCD Back Drilling Machine Sales Forecast by Application (2027-2032) & (Units)

Table 91. Global CCD Back Drilling Machine Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 92. Schmolli Maschinen Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 93. Schmolli Maschinen CCD Back Drilling Machine Product Portfolios and Specifications

Table 94. Schmoll Maschinen CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 95. Schmoll Maschinen Main Business

Table 96. Schmoll Maschinen Latest Developments

Table 97. Via Mechanics Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 98. Via Mechanics CCD Back Drilling Machine Product Portfolios and Specifications

Table 99. Via Mechanics CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 100. Via Mechanics Main Business

Table 101. Via Mechanics Latest Developments

Table 102. MURAKI Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 103. MURAKI CCD Back Drilling Machine Product Portfolios and Specifications

Table 104. MURAKI CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 105. MURAKI Main Business

Table 106. MURAKI Latest Developments

Table 107. Bungard Elektronik Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 108. Bungard Elektronik CCD Back Drilling Machine Product Portfolios and Specifications

Table 109. Bungard Elektronik CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 110. Bungard Elektronik Main Business

Table 111. Bungard Elektronik Latest Developments

Table 112. Intectiv Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 113. Intectiv CCD Back Drilling Machine Product Portfolios and Specifications

Table 114. Intectiv CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 115. Intectiv Main Business

Table 116. Intectiv Latest Developments

Table 117. Fortex Engineering Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 118. Fortex Engineering CCD Back Drilling Machine Product Portfolios and Specifications

Table 119. Fortex Engineering CCD Back Drilling Machine Sales (Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 120. Fortex Engineering Main Business

Table 121. Fortex Engineering Latest Developments

Table 122. Pluritec Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 123. Pluritec CCD Back Drilling Machine Product Portfolios and Specifications

Table 124. Pluritec CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 125. Pluritec Main Business

Table 126. Pluritec Latest Developments

Table 127. Ta Liang Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 128. Ta Liang CCD Back Drilling Machine Product Portfolios and Specifications

Table 129. Ta Liang CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 130. Ta Liang Main Business

Table 131. Ta Liang Latest Developments

Table 132. Tongtai Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 133. Tongtai CCD Back Drilling Machine Product Portfolios and Specifications

Table 134. Tongtai CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 135. Tongtai Main Business

Table 136. Tongtai Latest Developments

Table 137. Bill Ben Company Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 138. Bill Ben Company CCD Back Drilling Machine Product Portfolios and Specifications

Table 139. Bill Ben Company CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 140. Bill Ben Company Main Business

Table 141. Bill Ben Company Latest Developments

Table 142. Shin Gang Automation Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors

Table 143. Shin Gang Automation CCD Back Drilling Machine Product Portfolios and Specifications

Table 144. Shin Gang Automation CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 145. Shin Gang Automation Main Business

Table 146. Shin Gang Automation Latest Developments
Table 147. Hans CNC Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors
Table 148. Hans CNC CCD Back Drilling Machine Product Portfolios and Specifications
Table 149. Hans CNC CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 150. Hans CNC Main Business
Table 151. Hans CNC Latest Developments
Table 152. Vega CNC Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors
Table 153. Vega CNC CCD Back Drilling Machine Product Portfolios and Specifications
Table 154. Vega CNC CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 155. Vega CNC Main Business
Table 156. Vega CNC Latest Developments
Table 157. Victory Giant Technology Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors
Table 158. Victory Giant Technology CCD Back Drilling Machine Product Portfolios and Specifications
Table 159. Victory Giant Technology CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 160. Victory Giant Technology Main Business
Table 161. Victory Giant Technology Latest Developments
Table 162. Crild Technology Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors
Table 163. Crild Technology CCD Back Drilling Machine Product Portfolios and Specifications
Table 164. Crild Technology CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 165. Crild Technology Main Business
Table 166. Crild Technology Latest Developments
Table 167. Sunus Electronic Basic Information, CCD Back Drilling Machine Manufacturing Base, Sales Area and Its Competitors
Table 168. Sunus Electronic CCD Back Drilling Machine Product Portfolios and Specifications
Table 169. Sunus Electronic CCD Back Drilling Machine Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 170. Sunus Electronic Main Business
Table 171. Sunus Electronic Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of CCD Back Drilling Machine

Figure 2. CCD Back Drilling Machine Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global CCD Back Drilling Machine Sales Growth Rate 2021-2032 (Units)

Figure 7. Global CCD Back Drilling Machine Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. CCD Back Drilling Machine Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. CCD Back Drilling Machine Sales Market Share by Country/Region (2025)

Figure 10. CCD Back Drilling Machine Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Single Worktable

Figure 12. Product Picture of Dual Worktable

Figure 13. Global CCD Back Drilling Machine Sales Market Share by Type in 2026

Figure 14. Global CCD Back Drilling Machine Revenue Market Share by Type (2021-2026)

Figure 15. Product Picture of Single Spindle

Figure 16. Product Picture of Dual Spindle

Figure 17. Product Picture of Quadruple Spindle

Figure 18. Product Picture of Others

Figure 19. Global CCD Back Drilling Machine Sales Market Share by Number of Spindles in 2026

Figure 20. Global CCD Back Drilling Machine Revenue Market Share by Number of Spindles (2021-2026)

Figure 21. Product Picture of 0.05-0.10 mm

Figure 22. Product Picture of 0.10-0.20 mm

Figure 23. Product Picture of 0.20-0.30 mm

Figure 24. Product Picture of 0.30-0.40 mm

Figure 25. Product Picture of 0.40-0.50 mm

Figure 26. Product Picture of Others

Figure 27. Global CCD Back Drilling Machine Sales Market Share by Drilling Diameter in 2026

Figure 28. Global CCD Back Drilling Machine Revenue Market Share by Drilling

Diameter (2021-2026)

Figure 29. CCD Back Drilling Machine Consumed in Printed Circuit Board

Figure 30. Global CCD Back Drilling Machine Market: Printed Circuit Board (2021-2026) & (Units)

Figure 31. CCD Back Drilling Machine Consumed in Flexible Circuit Board

Figure 32. Global CCD Back Drilling Machine Market: Flexible Circuit Board (2021-2026) & (Units)

Figure 33. CCD Back Drilling Machine Consumed in Copper Clad Laminate

Figure 34. Global CCD Back Drilling Machine Market: Copper Clad Laminate (2021-2026) & (Units)

Figure 35. CCD Back Drilling Machine Consumed in Others

Figure 36. Global CCD Back Drilling Machine Market: Others (2021-2026) & (Units)

Figure 37. Global CCD Back Drilling Machine Sale Market Share by Application (2025)

Figure 38. Global CCD Back Drilling Machine Revenue Market Share by Application in 2025

Figure 39. CCD Back Drilling Machine Sales by Company in 2025 (Units)

Figure 40. Global CCD Back Drilling Machine Sales Market Share by Company in 2025

Figure 41. CCD Back Drilling Machine Revenue by Company in 2025 (\$ millions)

Figure 42. Global CCD Back Drilling Machine Revenue Market Share by Company in 2025

Figure 43. Global CCD Back Drilling Machine Sales Market Share by Geographic Region (2021-2026)

Figure 44. Global CCD Back Drilling Machine Revenue Market Share by Geographic Region in 2025

Figure 45. Americas CCD Back Drilling Machine Sales 2021-2026 (Units)

Figure 46. Americas CCD Back Drilling Machine Revenue 2021-2026 (\$ millions)

Figure 47. APAC CCD Back Drilling Machine Sales 2021-2026 (Units)

Figure 48. APAC CCD Back Drilling Machine Revenue 2021-2026 (\$ millions)

Figure 49. Europe CCD Back Drilling Machine Sales 2021-2026 (Units)

Figure 50. Europe CCD Back Drilling Machine Revenue 2021-2026 (\$ millions)

Figure 51. Middle East & Africa CCD Back Drilling Machine Sales 2021-2026 (Units)

Figure 52. Middle East & Africa CCD Back Drilling Machine Revenue 2021-2026 (\$ millions)

Figure 53. Americas CCD Back Drilling Machine Sales Market Share by Country in 2025

Figure 54. Americas CCD Back Drilling Machine Revenue Market Share by Country (2021-2026)

Figure 55. Americas CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

Figure 56. Americas CCD Back Drilling Machine Sales Market Share by Application (2021-2026)

Figure 57. United States CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 58. Canada CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 59. Mexico CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 60. Brazil CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 61. APAC CCD Back Drilling Machine Sales Market Share by Region in 2025

Figure 62. APAC CCD Back Drilling Machine Revenue Market Share by Region (2021-2026)

Figure 63. APAC CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

Figure 64. APAC CCD Back Drilling Machine Sales Market Share by Application (2021-2026)

Figure 65. China CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 66. Japan CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 67. South Korea CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 68. Southeast Asia CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 69. India CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 70. Australia CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 71. China Taiwan CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 72. Europe CCD Back Drilling Machine Sales Market Share by Country in 2025

Figure 73. Europe CCD Back Drilling Machine Revenue Market Share by Country (2021-2026)

Figure 74. Europe CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

Figure 75. Europe CCD Back Drilling Machine Sales Market Share by Application (2021-2026)

Figure 76. Germany CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 77. France CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 78. UK CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 79. Italy CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 80. Russia CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 81. Middle East & Africa CCD Back Drilling Machine Sales Market Share by Country (2021-2026)

Figure 82. Middle East & Africa CCD Back Drilling Machine Sales Market Share by Type (2021-2026)

Figure 83. Middle East & Africa CCD Back Drilling Machine Sales Market Share by Application (2021-2026)

Figure 84. Egypt CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 85. South Africa CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 86. Israel CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 87. Turkey CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 88. GCC Countries CCD Back Drilling Machine Revenue Growth 2021-2026 (\$ millions)

Figure 89. Manufacturing Cost Structure Analysis of CCD Back Drilling Machine in 2026

Figure 90. Manufacturing Process Analysis of CCD Back Drilling Machine

Figure 91. Industry Chain Structure of CCD Back Drilling Machine

Figure 92. Channels of Distribution

Figure 93. Global CCD Back Drilling Machine Sales Market Forecast by Region (2027-2032)

Figure 94. Global CCD Back Drilling Machine Revenue Market Share Forecast by Region (2027-2032)

Figure 95. Global CCD Back Drilling Machine Sales Market Share Forecast by Type (2027-2032)

Figure 96. Global CCD Back Drilling Machine Revenue Market Share Forecast by Type (2027-2032)

Figure 97. Global CCD Back Drilling Machine Sales Market Share Forecast by Application (2027-2032)

Figure 98. Global CCD Back Drilling Machine Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global CCD Back Drilling Machine Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G75454B8BA06EN.html>

Price: US\$ 3,660.00 (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/G75454B8BA06EN.html>