

# Global 3D Excavator Control Systems Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G4F6C9FFDCE8EN.html>

Date: October 2023

Pages: 100

Price: US\$ 3,480.00 (Single User License)

ID: G4F6C9FFDCE8EN

## Abstracts

According to our (Global Info Research) latest study, the global 3D Excavator Control Systems market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

3D Excavator Control Systems, also known as 3D machine control systems or 3D guidance systems for excavators, are advanced technology solutions used in the construction and excavation industry. These systems integrate various sensors, GPS (Global Positioning System) technology, and software to enhance the precision, efficiency, and accuracy of excavating and earthmoving operations.

The market for 3D Excavator Control Systems is driven by several factors that reflect the growing demand for advanced technology solutions in the construction and excavation industry. These drivers include:

**Increased Construction Activity:** The global construction industry is experiencing robust growth, driven by infrastructure development, urbanization, and housing projects. This has led to a higher demand for construction equipment and technology, including 3D Excavator Control Systems.

**Efficiency and Productivity:** Construction companies are increasingly focused on improving efficiency and productivity to meet project deadlines and budgets. 3D Excavator Control Systems enable operators to work more efficiently and accurately, reducing rework and project delays.

**Precision and Accuracy:** The demand for precise excavation and grading has grown

significantly. 3D Excavator Control Systems offer a high level of precision and accuracy, ensuring that construction projects meet design specifications and quality standards.

**Cost Savings:** By minimizing rework, optimizing material usage, and improving productivity, 3D Excavator Control Systems contribute to cost savings for construction companies, making them a cost-effective investment.

**Regulatory Compliance:** Stringent regulations and standards in the construction industry require companies to adhere to precise grading and excavation specifications. 3D control systems help construction firms meet these regulatory requirements.

**Safety:** Improved precision and guidance offered by these systems enhance safety on construction sites. Operators can work more confidently, reducing the risk of accidents and injuries.

**Technological Advancements:** Ongoing advancements in GNSS (Global Navigation Satellite Systems), sensor technology, and software algorithms have made 3D Excavator Control Systems more accurate, user-friendly, and cost-effective.

**Infrastructure Development:** Investments in infrastructure projects, such as roads, bridges, airports, and utilities, create a strong demand for 3D Excavator Control Systems to ensure precise construction and excavation.

The Global Info Research report includes an overview of the development of the 3D Excavator Control Systems industry chain, the market status of Municipal Engineering (3 cm and Below, 3 cm Above), Real Estate (3 cm and Below, 3 cm Above), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 3D Excavator Control Systems.

Regionally, the report analyzes the 3D Excavator Control Systems markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 3D Excavator Control Systems market, with robust domestic demand, supportive policies, and a strong manufacturing base.

**Key Features:**

The report presents comprehensive understanding of the 3D Excavator Control Systems market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 3D Excavator Control Systems industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Accuracy (e.g., 3 cm and Below, 3 cm Above).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 3D Excavator Control Systems market.

**Regional Analysis:** The report involves examining the 3D Excavator Control Systems market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the 3D Excavator Control Systems market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 3D Excavator Control Systems:

**Company Analysis:** Report covers individual 3D Excavator Control Systems manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards 3D Excavator Control Systems This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Municipal Engineering, Real Estate).

**Technology Analysis:** Report covers specific technologies relevant to 3D Excavator

Control Systems. It assesses the current state, advancements, and potential future developments in 3D Excavator Control Systems areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 3D Excavator Control Systems market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

3D Excavator Control Systems market is split by Accuracy and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Accuracy, and by Application in terms of volume and value.

#### Market segment by Accuracy

- 3 cm and Below

- 3 cm Above

#### Market segment by Application

- Municipal Engineering

- Real Estate

- Others

#### Major players covered

- Topcon

- Leica Geosystems (Hexagon)

Trimble

Unicontrol

MOBA Mobile Automation

DigPilot 3D (Gundersen & L?ken AS)

L5 Navigation Systems

Shanghai Huace Navigation Technology

Guangzhou Hi-Target Navigation Tech

Beijing Unistrong Science & Technology

FJ Dynamics Technology

Beijing Qingbo Big data Technology

Tianji Keji

Scnav

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 3D Excavator Control Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Excavator Control Systems, with price, sales, revenue and global market share of 3D Excavator Control Systems from 2018 to 2023.

Chapter 3, the 3D Excavator Control Systems competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3D Excavator Control Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Accuracy and application, with sales market share and growth rate by accuracy, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and 3D Excavator Control Systems market forecast, by regions, accuracy and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 3D Excavator Control Systems.

Chapter 14 and 15, to describe 3D Excavator Control Systems sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of 3D Excavator Control Systems
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Accuracy
  - 1.3.1 Overview: Global 3D Excavator Control Systems Consumption Value by Accuracy: 2018 Versus 2022 Versus 2029
  - 1.3.2 3 cm and Below
  - 1.3.3 3 cm Above
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global 3D Excavator Control Systems Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Municipal Engineering
  - 1.4.3 Real Estate
  - 1.4.4 Others
- 1.5 Global 3D Excavator Control Systems Market Size & Forecast
  - 1.5.1 Global 3D Excavator Control Systems Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global 3D Excavator Control Systems Sales Quantity (2018-2029)
  - 1.5.3 Global 3D Excavator Control Systems Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Topcon
  - 2.1.1 Topcon Details
  - 2.1.2 Topcon Major Business
  - 2.1.3 Topcon 3D Excavator Control Systems Product and Services
  - 2.1.4 Topcon 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Topcon Recent Developments/Updates
- 2.2 Leica Geosystems (Hexagon)
  - 2.2.1 Leica Geosystems (Hexagon) Details
  - 2.2.2 Leica Geosystems (Hexagon) Major Business
  - 2.2.3 Leica Geosystems (Hexagon) 3D Excavator Control Systems Product and Services
  - 2.2.4 Leica Geosystems (Hexagon) 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.2.5 Leica Geosystems (Hexagon) Recent Developments/Updates

## 2.3 Trimble

### 2.3.1 Trimble Details

### 2.3.2 Trimble Major Business

### 2.3.3 Trimble 3D Excavator Control Systems Product and Services

### 2.3.4 Trimble 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.3.5 Trimble Recent Developments/Updates

## 2.4 Unicontrol

### 2.4.1 Unicontrol Details

### 2.4.2 Unicontrol Major Business

### 2.4.3 Unicontrol 3D Excavator Control Systems Product and Services

### 2.4.4 Unicontrol 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.4.5 Unicontrol Recent Developments/Updates

## 2.5 MOBA Mobile Automation

### 2.5.1 MOBA Mobile Automation Details

### 2.5.2 MOBA Mobile Automation Major Business

### 2.5.3 MOBA Mobile Automation 3D Excavator Control Systems Product and Services

### 2.5.4 MOBA Mobile Automation 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.5.5 MOBA Mobile Automation Recent Developments/Updates

## 2.6 DigPilot 3D (Gundersen & L?ken AS)

### 2.6.1 DigPilot 3D (Gundersen & L?ken AS) Details

### 2.6.2 DigPilot 3D (Gundersen & L?ken AS) Major Business

### 2.6.3 DigPilot 3D (Gundersen & L?ken AS) 3D Excavator Control Systems Product and Services

### 2.6.4 DigPilot 3D (Gundersen & L?ken AS) 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.6.5 DigPilot 3D (Gundersen & L?ken AS) Recent Developments/Updates

## 2.7 L5 Navigation Systems

### 2.7.1 L5 Navigation Systems Details

### 2.7.2 L5 Navigation Systems Major Business

### 2.7.3 L5 Navigation Systems 3D Excavator Control Systems Product and Services

### 2.7.4 L5 Navigation Systems 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.7.5 L5 Navigation Systems Recent Developments/Updates

## 2.8 Shanghai Huace Navigation Technology

### 2.8.1 Shanghai Huace Navigation Technology Details

### 2.8.2 Shanghai Huace Navigation Technology Major Business



2.8.3 Shanghai Huace Navigation Technology 3D Excavator Control Systems Product and Services

2.8.4 Shanghai Huace Navigation Technology 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Shanghai Huace Navigation Technology Recent Developments/Updates

2.9 Guangzhou Hi-Target Navigation Tech

2.9.1 Guangzhou Hi-Target Navigation Tech Details

2.9.2 Guangzhou Hi-Target Navigation Tech Major Business

2.9.3 Guangzhou Hi-Target Navigation Tech 3D Excavator Control Systems Product and Services

2.9.4 Guangzhou Hi-Target Navigation Tech 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Guangzhou Hi-Target Navigation Tech Recent Developments/Updates

2.10 Beijing Unistrong Science & Technology

2.10.1 Beijing Unistrong Science & Technology Details

2.10.2 Beijing Unistrong Science & Technology Major Business

2.10.3 Beijing Unistrong Science & Technology 3D Excavator Control Systems Product and Services

2.10.4 Beijing Unistrong Science & Technology 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Beijing Unistrong Science & Technology Recent Developments/Updates

2.11 FJ Dynamics Technology

2.11.1 FJ Dynamics Technology Details

2.11.2 FJ Dynamics Technology Major Business

2.11.3 FJ Dynamics Technology 3D Excavator Control Systems Product and Services

2.11.4 FJ Dynamics Technology 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 FJ Dynamics Technology Recent Developments/Updates

2.12 Beijing Qingbo Big data Technology

2.12.1 Beijing Qingbo Big data Technology Details

2.12.2 Beijing Qingbo Big data Technology Major Business

2.12.3 Beijing Qingbo Big data Technology 3D Excavator Control Systems Product and Services

2.12.4 Beijing Qingbo Big data Technology 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Beijing Qingbo Big data Technology Recent Developments/Updates

2.13 Tianji Keji

2.13.1 Tianji Keji Details

2.13.2 Tianji Keji Major Business

- 2.13.3 Tianji Keji 3D Excavator Control Systems Product and Services
- 2.13.4 Tianji Keji 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Tianji Keji Recent Developments/Updates
- 2.14 Scnav
  - 2.14.1 Scnav Details
  - 2.14.2 Scnav Major Business
  - 2.14.3 Scnav 3D Excavator Control Systems Product and Services
  - 2.14.4 Scnav 3D Excavator Control Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.14.5 Scnav Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: 3D EXCAVATOR CONTROL SYSTEMS BY MANUFACTURER**

- 3.1 Global 3D Excavator Control Systems Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global 3D Excavator Control Systems Revenue by Manufacturer (2018-2023)
- 3.3 Global 3D Excavator Control Systems Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of 3D Excavator Control Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 3D Excavator Control Systems Manufacturer Market Share in 2022
  - 3.4.2 Top 6 3D Excavator Control Systems Manufacturer Market Share in 2022
- 3.5 3D Excavator Control Systems Market: Overall Company Footprint Analysis
  - 3.5.1 3D Excavator Control Systems Market: Region Footprint
  - 3.5.2 3D Excavator Control Systems Market: Company Product Type Footprint
  - 3.5.3 3D Excavator Control Systems Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global 3D Excavator Control Systems Market Size by Region
  - 4.1.1 Global 3D Excavator Control Systems Sales Quantity by Region (2018-2029)
  - 4.1.2 Global 3D Excavator Control Systems Consumption Value by Region (2018-2029)
  - 4.1.3 Global 3D Excavator Control Systems Average Price by Region (2018-2029)
- 4.2 North America 3D Excavator Control Systems Consumption Value (2018-2029)
- 4.3 Europe 3D Excavator Control Systems Consumption Value (2018-2029)

- 4.4 Asia-Pacific 3D Excavator Control Systems Consumption Value (2018-2029)
- 4.5 South America 3D Excavator Control Systems Consumption Value (2018-2029)
- 4.6 Middle East and Africa 3D Excavator Control Systems Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY ACCURACY**

- 5.1 Global 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)
- 5.2 Global 3D Excavator Control Systems Consumption Value by Accuracy (2018-2029)
- 5.3 Global 3D Excavator Control Systems Average Price by Accuracy (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global 3D Excavator Control Systems Sales Quantity by Application (2018-2029)
- 6.2 Global 3D Excavator Control Systems Consumption Value by Application (2018-2029)
- 6.3 Global 3D Excavator Control Systems Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)
- 7.2 North America 3D Excavator Control Systems Sales Quantity by Application (2018-2029)
- 7.3 North America 3D Excavator Control Systems Market Size by Country
  - 7.3.1 North America 3D Excavator Control Systems Sales Quantity by Country (2018-2029)
  - 7.3.2 North America 3D Excavator Control Systems Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)
- 8.2 Europe 3D Excavator Control Systems Sales Quantity by Application (2018-2029)
- 8.3 Europe 3D Excavator Control Systems Market Size by Country
  - 8.3.1 Europe 3D Excavator Control Systems Sales Quantity by Country (2018-2029)

8.3.2 Europe 3D Excavator Control Systems Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)

9.2 Asia-Pacific 3D Excavator Control Systems Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific 3D Excavator Control Systems Market Size by Region

9.3.1 Asia-Pacific 3D Excavator Control Systems Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific 3D Excavator Control Systems Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)

10.2 South America 3D Excavator Control Systems Sales Quantity by Application (2018-2029)

10.3 South America 3D Excavator Control Systems Market Size by Country

10.3.1 South America 3D Excavator Control Systems Sales Quantity by Country (2018-2029)

10.3.2 South America 3D Excavator Control Systems Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2029)

11.2 Middle East & Africa 3D Excavator Control Systems Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa 3D Excavator Control Systems Market Size by Country

11.3.1 Middle East & Africa 3D Excavator Control Systems Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa 3D Excavator Control Systems Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

12.1 3D Excavator Control Systems Market Drivers

12.2 3D Excavator Control Systems Market Restraints

12.3 3D Excavator Control Systems Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of 3D Excavator Control Systems and Key Manufacturers

13.2 Manufacturing Costs Percentage of 3D Excavator Control Systems

13.3 3D Excavator Control Systems Production Process

13.4 3D Excavator Control Systems Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 3D Excavator Control Systems Typical Distributors

14.3 3D Excavator Control Systems Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global 3D Excavator Control Systems Consumption Value by Accuracy, (USD Million), 2018 & 2022 & 2029
- Table 2. Global 3D Excavator Control Systems Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Topcon Basic Information, Manufacturing Base and Competitors
- Table 4. Topcon Major Business
- Table 5. Topcon 3D Excavator Control Systems Product and Services
- Table 6. Topcon 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Topcon Recent Developments/Updates
- Table 8. Leica Geosystems (Hexagon) Basic Information, Manufacturing Base and Competitors
- Table 9. Leica Geosystems (Hexagon) Major Business
- Table 10. Leica Geosystems (Hexagon) 3D Excavator Control Systems Product and Services
- Table 11. Leica Geosystems (Hexagon) 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Leica Geosystems (Hexagon) Recent Developments/Updates
- Table 13. Trimble Basic Information, Manufacturing Base and Competitors
- Table 14. Trimble Major Business
- Table 15. Trimble 3D Excavator Control Systems Product and Services
- Table 16. Trimble 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Trimble Recent Developments/Updates
- Table 18. Unicontrol Basic Information, Manufacturing Base and Competitors
- Table 19. Unicontrol Major Business
- Table 20. Unicontrol 3D Excavator Control Systems Product and Services
- Table 21. Unicontrol 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 22. Unicontrol Recent Developments/Updates
- Table 23. MOBA Mobile Automation Basic Information, Manufacturing Base and Competitors
- Table 24. MOBA Mobile Automation Major Business
- Table 25. MOBA Mobile Automation 3D Excavator Control Systems Product and

## Services

Table 26. MOBA Mobile Automation 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. MOBA Mobile Automation Recent Developments/Updates

Table 28. DigPilot 3D (Gundersen & L?ken AS) Basic Information, Manufacturing Base and Competitors

Table 29. DigPilot 3D (Gundersen & L?ken AS) Major Business

Table 30. DigPilot 3D (Gundersen & L?ken AS) 3D Excavator Control Systems Product and Services

Table 31. DigPilot 3D (Gundersen & L?ken AS) 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. DigPilot 3D (Gundersen & L?ken AS) Recent Developments/Updates

Table 33. L5 Navigation Systems Basic Information, Manufacturing Base and Competitors

Table 34. L5 Navigation Systems Major Business

Table 35. L5 Navigation Systems 3D Excavator Control Systems Product and Services

Table 36. L5 Navigation Systems 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. L5 Navigation Systems Recent Developments/Updates

Table 38. Shanghai Huace Navigation Technology Basic Information, Manufacturing Base and Competitors

Table 39. Shanghai Huace Navigation Technology Major Business

Table 40. Shanghai Huace Navigation Technology 3D Excavator Control Systems Product and Services

Table 41. Shanghai Huace Navigation Technology 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Shanghai Huace Navigation Technology Recent Developments/Updates

Table 43. Guangzhou Hi-Target Navigation Tech Basic Information, Manufacturing Base and Competitors

Table 44. Guangzhou Hi-Target Navigation Tech Major Business

Table 45. Guangzhou Hi-Target Navigation Tech 3D Excavator Control Systems Product and Services

Table 46. Guangzhou Hi-Target Navigation Tech 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



- Table 47. Guangzhou Hi-Target Navigation Tech Recent Developments/Updates
- Table 48. Beijing Unistrong Science & Technology Basic Information, Manufacturing Base and Competitors
- Table 49. Beijing Unistrong Science & Technology Major Business
- Table 50. Beijing Unistrong Science & Technology 3D Excavator Control Systems Product and Services
- Table 51. Beijing Unistrong Science & Technology 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Beijing Unistrong Science & Technology Recent Developments/Updates
- Table 53. FJ Dynamics Technology Basic Information, Manufacturing Base and Competitors
- Table 54. FJ Dynamics Technology Major Business
- Table 55. FJ Dynamics Technology 3D Excavator Control Systems Product and Services
- Table 56. FJ Dynamics Technology 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. FJ Dynamics Technology Recent Developments/Updates
- Table 58. Beijing Qingbo Big data Technology Basic Information, Manufacturing Base and Competitors
- Table 59. Beijing Qingbo Big data Technology Major Business
- Table 60. Beijing Qingbo Big data Technology 3D Excavator Control Systems Product and Services
- Table 61. Beijing Qingbo Big data Technology 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Beijing Qingbo Big data Technology Recent Developments/Updates
- Table 63. Tianji Keji Basic Information, Manufacturing Base and Competitors
- Table 64. Tianji Keji Major Business
- Table 65. Tianji Keji 3D Excavator Control Systems Product and Services
- Table 66. Tianji Keji 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. Tianji Keji Recent Developments/Updates
- Table 68. Scnav Basic Information, Manufacturing Base and Competitors
- Table 69. Scnav Major Business
- Table 70. Scnav 3D Excavator Control Systems Product and Services
- Table 71. Scnav 3D Excavator Control Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Scnav Recent Developments/Updates

Table 73. Global 3D Excavator Control Systems Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 74. Global 3D Excavator Control Systems Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global 3D Excavator Control Systems Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 76. Market Position of Manufacturers in 3D Excavator Control Systems, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and 3D Excavator Control Systems Production Site of Key Manufacturer

Table 78. 3D Excavator Control Systems Market: Company Product Type Footprint

Table 79. 3D Excavator Control Systems Market: Company Product Application Footprint

Table 80. 3D Excavator Control Systems New Market Entrants and Barriers to Market Entry

Table 81. 3D Excavator Control Systems Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global 3D Excavator Control Systems Sales Quantity by Region (2018-2023) & (K Units)

Table 83. Global 3D Excavator Control Systems Sales Quantity by Region (2024-2029) & (K Units)

Table 84. Global 3D Excavator Control Systems Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global 3D Excavator Control Systems Consumption Value by Region (2024-2029) & (USD Million)

Table 86. Global 3D Excavator Control Systems Average Price by Region (2018-2023) & (US\$/Unit)

Table 87. Global 3D Excavator Control Systems Average Price by Region (2024-2029) & (US\$/Unit)

Table 88. Global 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2023) & (K Units)

Table 89. Global 3D Excavator Control Systems Sales Quantity by Accuracy (2024-2029) & (K Units)

Table 90. Global 3D Excavator Control Systems Consumption Value by Accuracy (2018-2023) & (USD Million)

Table 91. Global 3D Excavator Control Systems Consumption Value by Accuracy (2024-2029) & (USD Million)

Table 92. Global 3D Excavator Control Systems Average Price by Accuracy

(2018-2023) & (US\$/Unit)

Table 93. Global 3D Excavator Control Systems Average Price by Accuracy

(2024-2029) & (US\$/Unit)

Table 94. Global 3D Excavator Control Systems Sales Quantity by Application

(2018-2023) & (K Units)

Table 95. Global 3D Excavator Control Systems Sales Quantity by Application

(2024-2029) & (K Units)

Table 96. Global 3D Excavator Control Systems Consumption Value by Application

(2018-2023) & (USD Million)

Table 97. Global 3D Excavator Control Systems Consumption Value by Application

(2024-2029) & (USD Million)

Table 98. Global 3D Excavator Control Systems Average Price by Application

(2018-2023) & (US\$/Unit)

Table 99. Global 3D Excavator Control Systems Average Price by Application

(2024-2029) & (US\$/Unit)

Table 100. North America 3D Excavator Control Systems Sales Quantity by Accuracy

(2018-2023) & (K Units)

Table 101. North America 3D Excavator Control Systems Sales Quantity by Accuracy

(2024-2029) & (K Units)

Table 102. North America 3D Excavator Control Systems Sales Quantity by Application

(2018-2023) & (K Units)

Table 103. North America 3D Excavator Control Systems Sales Quantity by Application

(2024-2029) & (K Units)

Table 104. North America 3D Excavator Control Systems Sales Quantity by Country

(2018-2023) & (K Units)

Table 105. North America 3D Excavator Control Systems Sales Quantity by Country

(2024-2029) & (K Units)

Table 106. North America 3D Excavator Control Systems Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America 3D Excavator Control Systems Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2023) & (K Units)

Table 109. Europe 3D Excavator Control Systems Sales Quantity by Accuracy (2024-2029) & (K Units)

Table 110. Europe 3D Excavator Control Systems Sales Quantity by Application (2018-2023) & (K Units)

Table 111. Europe 3D Excavator Control Systems Sales Quantity by Application (2024-2029) & (K Units)

Table 112. Europe 3D Excavator Control Systems Sales Quantity by Country (2018-2023) & (K Units)

Table 113. Europe 3D Excavator Control Systems Sales Quantity by Country (2024-2029) & (K Units)

Table 114. Europe 3D Excavator Control Systems Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe 3D Excavator Control Systems Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2023) & (K Units)

Table 117. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Accuracy (2024-2029) & (K Units)

Table 118. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Application (2018-2023) & (K Units)

Table 119. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Application (2024-2029) & (K Units)

Table 120. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Region (2018-2023) & (K Units)

Table 121. Asia-Pacific 3D Excavator Control Systems Sales Quantity by Region (2024-2029) & (K Units)

Table 122. Asia-Pacific 3D Excavator Control Systems Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific 3D Excavator Control Systems Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2023) & (K Units)

Table 125. South America 3D Excavator Control Systems Sales Quantity by Accuracy (2024-2029) & (K Units)

Table 126. South America 3D Excavator Control Systems Sales Quantity by Application (2018-2023) & (K Units)

Table 127. South America 3D Excavator Control Systems Sales Quantity by Application (2024-2029) & (K Units)

Table 128. South America 3D Excavator Control Systems Sales Quantity by Country (2018-2023) & (K Units)

Table 129. South America 3D Excavator Control Systems Sales Quantity by Country (2024-2029) & (K Units)

Table 130. South America 3D Excavator Control Systems Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America 3D Excavator Control Systems Consumption Value by

Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Accuracy (2018-2023) & (K Units)

Table 133. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Accuracy (2024-2029) & (K Units)

Table 134. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Application (2018-2023) & (K Units)

Table 135. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Application (2024-2029) & (K Units)

Table 136. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Region (2018-2023) & (K Units)

Table 137. Middle East & Africa 3D Excavator Control Systems Sales Quantity by Region (2024-2029) & (K Units)

Table 138. Middle East & Africa 3D Excavator Control Systems Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa 3D Excavator Control Systems Consumption Value by Region (2024-2029) & (USD Million)

Table 140. 3D Excavator Control Systems Raw Material

Table 141. Key Manufacturers of 3D Excavator Control Systems Raw Materials

Table 142. 3D Excavator Control Systems Typical Distributors

Table 143. 3D Excavator Control Systems Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D Excavator Control Systems Picture

Figure 2. Global 3D Excavator Control Systems Consumption Value by Accuracy, (USD Million), 2018 & 2022 & 2029

Figure 3. Global 3D Excavator Control Systems Consumption Value Market Share by Accuracy in 2022

Figure 4. 3 cm and Below Examples

Figure 5. 3 cm Above Examples

Figure 6. Global 3D Excavator Control Systems Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global 3D Excavator Control Systems Consumption Value Market Share by Application in 2022

Figure 8. Municipal Engineering Examples

Figure 9. Real Estate Examples

Figure 10. Others Examples

Figure 11. Global 3D Excavator Control Systems Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 12. Global 3D Excavator Control Systems Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 13. Global 3D Excavator Control Systems Sales Quantity (2018-2029) & (K Units)

Figure 14. Global 3D Excavator Control Systems Average Price (2018-2029) & (US\$/Unit)

Figure 15. Global 3D Excavator Control Systems Sales Quantity Market Share by Manufacturer in 2022

Figure 16. Global 3D Excavator Control Systems Consumption Value Market Share by Manufacturer in 2022

Figure 17. Producer Shipments of 3D Excavator Control Systems by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 18. Top 3 3D Excavator Control Systems Manufacturer (Consumption Value) Market Share in 2022

Figure 19. Top 6 3D Excavator Control Systems Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Global 3D Excavator Control Systems Sales Quantity Market Share by Region (2018-2029)

Figure 21. Global 3D Excavator Control Systems Consumption Value Market Share by

Region (2018-2029)

Figure 22. North America 3D Excavator Control Systems Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe 3D Excavator Control Systems Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific 3D Excavator Control Systems Consumption Value (2018-2029) & (USD Million)

Figure 25. South America 3D Excavator Control Systems Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa 3D Excavator Control Systems Consumption Value (2018-2029) & (USD Million)

Figure 27. Global 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 28. Global 3D Excavator Control Systems Consumption Value Market Share by Accuracy (2018-2029)

Figure 29. Global 3D Excavator Control Systems Average Price by Accuracy (2018-2029) & (US\$/Unit)

Figure 30. Global 3D Excavator Control Systems Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global 3D Excavator Control Systems Consumption Value Market Share by Application (2018-2029)

Figure 32. Global 3D Excavator Control Systems Average Price by Application (2018-2029) & (US\$/Unit)

Figure 33. North America 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 34. North America 3D Excavator Control Systems Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America 3D Excavator Control Systems Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America 3D Excavator Control Systems Consumption Value Market Share by Country (2018-2029)

Figure 37. United States 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 41. Europe 3D Excavator Control Systems Sales Quantity Market Share by Application (2018-2029)

Figure 42. Europe 3D Excavator Control Systems Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe 3D Excavator Control Systems Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 50. Asia-Pacific 3D Excavator Control Systems Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific 3D Excavator Control Systems Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific 3D Excavator Control Systems Consumption Value Market Share by Region (2018-2029)

Figure 53. China 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 60. South America 3D Excavator Control Systems Sales Quantity Market Share



by Application (2018-2029)

Figure 61. South America 3D Excavator Control Systems Sales Quantity Market Share by Country (2018-2029)

Figure 62. South America 3D Excavator Control Systems Consumption Value Market Share by Country (2018-2029)

Figure 63. Brazil 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Argentina 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Middle East & Africa 3D Excavator Control Systems Sales Quantity Market Share by Accuracy (2018-2029)

Figure 66. Middle East & Africa 3D Excavator Control Systems Sales Quantity Market Share by Application (2018-2029)

Figure 67. Middle East & Africa 3D Excavator Control Systems Sales Quantity Market Share by Region (2018-2029)

Figure 68. Middle East & Africa 3D Excavator Control Systems Consumption Value Market Share by Region (2018-2029)

Figure 69. Turkey 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Egypt 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Saudi Arabia 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. South Africa 3D Excavator Control Systems Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. 3D Excavator Control Systems Market Drivers

Figure 74. 3D Excavator Control Systems Market Restraints

Figure 75. 3D Excavator Control Systems Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of 3D Excavator Control Systems in 2022

Figure 78. Manufacturing Process Analysis of 3D Excavator Control Systems

Figure 79. 3D Excavator Control Systems Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

## I would like to order

Product name: Global 3D Excavator Control Systems Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G4F6C9FFDCE8EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4F6C9FFDCE8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

