

# Global 3D Truss Manipulator Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GF584F89ACE2EN.html>

Date: October 2025

Pages: 132

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

ID: GF584F89ACE2EN

## Abstracts

According to our (Global Info Research) latest study, the global 3D Truss Manipulator market size was valued at US\$ 229 million in 2024 and is forecast to a readjusted size of USD 416 million by 2031 with a CAGR of 9.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

The 3D truss manipulator is an industrial robot widely used in automated production lines, usually for various tasks such as handling, assembly, welding, and packaging. Its main feature is that it has three-dimensional freedom and can move flexibly in three directions to adapt to different working environments and task requirements. The 3D truss manipulator uses a truss structure design to ensure that it can complete its work efficiently and stably within a large range.

This report is a detailed and comprehensive analysis for global 3D Truss Manipulator market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 3D Truss Manipulator market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Truss Manipulator market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Truss Manipulator market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Truss Manipulator market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 3D Truss Manipulator

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 3D Truss Manipulator market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Felsomat, Zollern Group, KUKA, FANUC, ABB, Yaskawa, Huashine Intelligent Technology, Litan Electromechanical Equipment, Fuyujin Intelligent Equipment, Yisite Machinery Automation Equipment, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

3D Truss Manipulator market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Straight

Rotary

#### Market segment by Application

Automobile Manufacturing

Metallurgy

Metal Processing

Aerospace

Ships

Others

#### Major players covered

Felsomat

Zollern Group

KUKA

FANUC

ABB

Yaskawa

Huashine Intelligent Technology

Litian Electromechanical Equipment

Fuyujin Intelligent Equipment

Yisite Machinery Automation Equipment

Tongli Industrial

Shenchong Forging Machine

Shuaike Automation Technology

Chuangheng Machinery Technology

Dacarat Automation Technology

Wisdom In Sensor

Weida Heavy Industry

Tankin Robot

Hanfeng CNC Technology

Aierman Automation Technology

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 Truss Manipulator product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Truss Manipulator, with price, sales quantity, revenue, and global market share of 3D Truss Manipulator from 2020 to 2025.

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

Chapter 4, the 3D Truss Manipulator breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and 3D Truss Manipulator market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Truss Manipulator.

Chapter 14 and 15, to describe 3D Truss Manipulator sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global 3D Truss Manipulator Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Straight

1.3.3 Rotary

1.4 Market Analysis by Application

1.4.1 Overview: Global 3D Truss Manipulator Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Automobile Manufacturing

1.4.3 Metallurgy

1.4.4 Metal Processing

1.4.5 Aerospace

1.4.6 Ships

1.4.7 Others

1.5 Global 3D Truss Manipulator Market Size & Forecast

1.5.1 Global 3D Truss Manipulator Consumption Value (2020 & 2024 & 2031)

1.5.2 Global 3D Truss Manipulator Sales Quantity (2020-2031)

1.5.3 Global 3D Truss Manipulator Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Felsomat

2.1.1 Felsomat Details

2.1.2 Felsomat Major Business

2.1.3 Felsomat 3D Truss Manipulator Product and Services

2.1.4 Felsomat 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Felsomat Recent Developments/Updates

2.2 Zollern Group

2.2.1 Zollern Group Details

2.2.2 Zollern Group Major Business

2.2.3 Zollern Group 3D Truss Manipulator Product and Services

2.2.4 Zollern Group 3D Truss Manipulator Sales Quantity, Average Price, Revenue,

## Gross Margin and Market Share (2020-2025)

### 2.2.5 Zollern Group Recent Developments/Updates

## 2.3 KUKA

### 2.3.1 KUKA Details

### 2.3.2 KUKA Major Business

### 2.3.3 KUKA 3D Truss Manipulator Product and Services

### 2.3.4 KUKA 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 KUKA Recent Developments/Updates

## 2.4 FANUC

### 2.4.1 FANUC Details

### 2.4.2 FANUC Major Business

### 2.4.3 FANUC 3D Truss Manipulator Product and Services

### 2.4.4 FANUC 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 FANUC Recent Developments/Updates

## 2.5 ABB

### 2.5.1 ABB Details

### 2.5.2 ABB Major Business

### 2.5.3 ABB 3D Truss Manipulator Product and Services

### 2.5.4 ABB 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 ABB Recent Developments/Updates

## 2.6 Yaskawa

### 2.6.1 Yaskawa Details

### 2.6.2 Yaskawa Major Business

### 2.6.3 Yaskawa 3D Truss Manipulator Product and Services

### 2.6.4 Yaskawa 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 Yaskawa Recent Developments/Updates

## 2.7 Huashine Intelligent Technology

### 2.7.1 Huashine Intelligent Technology Details

### 2.7.2 Huashine Intelligent Technology Major Business

### 2.7.3 Huashine Intelligent Technology 3D Truss Manipulator Product and Services

### 2.7.4 Huashine Intelligent Technology 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 Huashine Intelligent Technology Recent Developments/Updates

## 2.8 Litian Electromechanical Equipment

### 2.8.1 Litian Electromechanical Equipment Details

- 2.8.2 Litian Electromechanical Equipment Major Business
- 2.8.3 Litian Electromechanical Equipment 3D Truss Manipulator Product and Services
- 2.8.4 Litian Electromechanical Equipment 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Litian Electromechanical Equipment Recent Developments/Updates
- 2.9 Fuyujin Intelligent Equipment
  - 2.9.1 Fuyujin Intelligent Equipment Details
  - 2.9.2 Fuyujin Intelligent Equipment Major Business
  - 2.9.3 Fuyujin Intelligent Equipment 3D Truss Manipulator Product and Services
  - 2.9.4 Fuyujin Intelligent Equipment 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Fuyujin Intelligent Equipment Recent Developments/Updates
- 2.10 Yisite Machinery Automation Equipment
  - 2.10.1 Yisite Machinery Automation Equipment Details
  - 2.10.2 Yisite Machinery Automation Equipment Major Business
  - 2.10.3 Yisite Machinery Automation Equipment 3D Truss Manipulator Product and Services
  - 2.10.4 Yisite Machinery Automation Equipment 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 Yisite Machinery Automation Equipment Recent Developments/Updates
- 2.11 Tongli Industrial
  - 2.11.1 Tongli Industrial Details
  - 2.11.2 Tongli Industrial Major Business
  - 2.11.3 Tongli Industrial 3D Truss Manipulator Product and Services
  - 2.11.4 Tongli Industrial 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.11.5 Tongli Industrial Recent Developments/Updates
- 2.12 Shenchong Forging Machine
  - 2.12.1 Shenchong Forging Machine Details
  - 2.12.2 Shenchong Forging Machine Major Business
  - 2.12.3 Shenchong Forging Machine 3D Truss Manipulator Product and Services
  - 2.12.4 Shenchong Forging Machine 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.12.5 Shenchong Forging Machine Recent Developments/Updates
- 2.13 Shuaike Automation Technology
  - 2.13.1 Shuaike Automation Technology Details
  - 2.13.2 Shuaike Automation Technology Major Business
  - 2.13.3 Shuaike Automation Technology 3D Truss Manipulator Product and Services
  - 2.13.4 Shuaike Automation Technology 3D Truss Manipulator Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Shuaike Automation Technology Recent Developments/Updates

2.14 Chuangheng Machinery Technology

2.14.1 Chuangheng Machinery Technology Details

2.14.2 Chuangheng Machinery Technology Major Business

2.14.3 Chuangheng Machinery Technology 3D Truss Manipulator Product and Services

2.14.4 Chuangheng Machinery Technology 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Chuangheng Machinery Technology Recent Developments/Updates

2.15 Dacarat Automation Technology

2.15.1 Dacarat Automation Technology Details

2.15.2 Dacarat Automation Technology Major Business

2.15.3 Dacarat Automation Technology 3D Truss Manipulator Product and Services

2.15.4 Dacarat Automation Technology 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 Dacarat Automation Technology Recent Developments/Updates

2.16 Wisdom In Sensor

2.16.1 Wisdom In Sensor Details

2.16.2 Wisdom In Sensor Major Business

2.16.3 Wisdom In Sensor 3D Truss Manipulator Product and Services

2.16.4 Wisdom In Sensor 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Wisdom In Sensor Recent Developments/Updates

2.17 Weida Heavy Industry

2.17.1 Weida Heavy Industry Details

2.17.2 Weida Heavy Industry Major Business

2.17.3 Weida Heavy Industry 3D Truss Manipulator Product and Services

2.17.4 Weida Heavy Industry 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.17.5 Weida Heavy Industry Recent Developments/Updates

2.18 Tankin Robot

2.18.1 Tankin Robot Details

2.18.2 Tankin Robot Major Business

2.18.3 Tankin Robot 3D Truss Manipulator Product and Services

2.18.4 Tankin Robot 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Tankin Robot Recent Developments/Updates

2.19 Hanfeng CNC Technology

- 2.19.1 Hanfeng CNC Technology Details
- 2.19.2 Hanfeng CNC Technology Major Business
- 2.19.3 Hanfeng CNC Technology 3D Truss Manipulator Product and Services
- 2.19.4 Hanfeng CNC Technology 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.19.5 Hanfeng CNC Technology Recent Developments/Updates
- 2.20 Aierman Automation Technology
  - 2.20.1 Aierman Automation Technology Details
  - 2.20.2 Aierman Automation Technology Major Business
  - 2.20.3 Aierman Automation Technology 3D Truss Manipulator Product and Services
  - 2.20.4 Aierman Automation Technology 3D Truss Manipulator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.20.5 Aierman Automation Technology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: 3D TRUSS MANIPULATOR BY MANUFACTURER**

- 3.1 Global 3D Truss Manipulator Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global 3D Truss Manipulator Revenue by Manufacturer (2020-2025)
- 3.3 Global 3D Truss Manipulator Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
  - 3.4.1 Producer Shipments of 3D Truss Manipulator by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 3D Truss Manipulator Manufacturer Market Share in 2024
  - 3.4.3 Top 6 3D Truss Manipulator Manufacturer Market Share in 2024
- 3.5 3D Truss Manipulator Market: Overall Company Footprint Analysis
  - 3.5.1 3D Truss Manipulator Market: Region Footprint
  - 3.5.2 3D Truss Manipulator Market: Company Product Type Footprint
  - 3.5.3 3D Truss Manipulator 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 Truss Manipulator Market Size by Region
  - 4.1.1 Global 3D Truss Manipulator Sales Quantity by Region (2020-2031)
  - 4.1.2 Global 3D Truss Manipulator Consumption Value by Region (2020-2031)
  - 4.1.3 Global 3D Truss Manipulator Average Price by Region (2020-2031)
- 4.2 North America 3D Truss Manipulator Consumption Value (2020-2031)
- 4.3 Europe 3D Truss Manipulator Consumption Value (2020-2031)

- 4.4 Asia-Pacific 3D Truss Manipulator Consumption Value (2020-2031)
- 4.5 South America 3D Truss Manipulator Consumption Value (2020-2031)
- 4.6 Middle East & Africa 3D Truss Manipulator Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global 3D Truss Manipulator Sales Quantity by Type (2020-2031)
- 5.2 Global 3D Truss Manipulator Consumption Value by Type (2020-2031)
- 5.3 Global 3D Truss Manipulator Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global 3D Truss Manipulator Sales Quantity by Application (2020-2031)
- 6.2 Global 3D Truss Manipulator Consumption Value by Application (2020-2031)
- 6.3 Global 3D Truss Manipulator Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America 3D Truss Manipulator Sales Quantity by Type (2020-2031)
- 7.2 North America 3D Truss Manipulator Sales Quantity by Application (2020-2031)
- 7.3 North America 3D Truss Manipulator Market Size by Country
  - 7.3.1 North America 3D Truss Manipulator Sales Quantity by Country (2020-2031)
  - 7.3.2 North America 3D Truss Manipulator Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe 3D Truss Manipulator Sales Quantity by Type (2020-2031)
- 8.2 Europe 3D Truss Manipulator Sales Quantity by Application (2020-2031)
- 8.3 Europe 3D Truss Manipulator Market Size by Country
  - 8.3.1 Europe 3D Truss Manipulator Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe 3D Truss Manipulator Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)

### 8.3.7 Italy Market Size and Forecast (2020-2031)

## 9 ASIA-PACIFIC

### 9.1 Asia-Pacific 3D Truss Manipulator Sales Quantity by Type (2020-2031)

### 9.2 Asia-Pacific 3D Truss Manipulator Sales Quantity by Application (2020-2031)

### 9.3 Asia-Pacific 3D Truss Manipulator Market Size by Region

#### 9.3.1 Asia-Pacific 3D Truss Manipulator Sales Quantity by Region (2020-2031)

#### 9.3.2 Asia-Pacific 3D Truss Manipulator Consumption Value by Region (2020-2031)

#### 9.3.3 China Market Size and Forecast (2020-2031)

#### 9.3.4 Japan Market Size and Forecast (2020-2031)

#### 9.3.5 South Korea Market Size and Forecast (2020-2031)

#### 9.3.6 India Market Size and Forecast (2020-2031)

#### 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

#### 9.3.8 Australia Market Size and Forecast (2020-2031)

## 10 SOUTH AMERICA

### 10.1 South America 3D Truss Manipulator Sales Quantity by Type (2020-2031)

### 10.2 South America 3D Truss Manipulator Sales Quantity by Application (2020-2031)

### 10.3 South America 3D Truss Manipulator Market Size by Country

#### 10.3.1 South America 3D Truss Manipulator Sales Quantity by Country (2020-2031)

#### 10.3.2 South America 3D Truss Manipulator Consumption Value by Country (2020-2031)

#### 10.3.3 Brazil Market Size and Forecast (2020-2031)

#### 10.3.4 Argentina Market Size and Forecast (2020-2031)

## 11 MIDDLE EAST & AFRICA

### 11.1 Middle East & Africa 3D Truss Manipulator Sales Quantity by Type (2020-2031)

### 11.2 Middle East & Africa 3D Truss Manipulator Sales Quantity by Application (2020-2031)

### 11.3 Middle East & Africa 3D Truss Manipulator Market Size by Country

#### 11.3.1 Middle East & Africa 3D Truss Manipulator Sales Quantity by Country (2020-2031)

#### 11.3.2 Middle East & Africa 3D Truss Manipulator Consumption Value by Country (2020-2031)

#### 11.3.3 Turkey Market Size and Forecast (2020-2031)

#### 11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 3D Truss Manipulator Market Drivers

12.2 3D Truss Manipulator Market Restraints

12.3 3D Truss Manipulator 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 Truss Manipulator and Key Manufacturers

13.2 Manufacturing Costs Percentage of 3D Truss Manipulator

13.3 3D Truss Manipulator Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 3D Truss Manipulator Typical Distributors

14.3 3D Truss Manipulator 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 Truss Manipulator Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global 3D Truss Manipulator Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Felsomat Basic Information, Manufacturing Base and Competitors

Table 4. Felsomat Major Business

Table 5. Felsomat 3D Truss Manipulator Product and Services

Table 6. Felsomat 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Felsomat Recent Developments/Updates

Table 8. Zollern Group Basic Information, Manufacturing Base and Competitors

Table 9. Zollern Group Major Business

Table 10. Zollern Group 3D Truss Manipulator Product and Services

Table 11. Zollern Group 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Zollern Group Recent Developments/Updates

Table 13. KUKA Basic Information, Manufacturing Base and Competitors

Table 14. KUKA Major Business

Table 15. KUKA 3D Truss Manipulator Product and Services

Table 16. KUKA 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. KUKA Recent Developments/Updates

Table 18. FANUC Basic Information, Manufacturing Base and Competitors

Table 19. FANUC Major Business

Table 20. FANUC 3D Truss Manipulator Product and Services

Table 21. FANUC 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. FANUC Recent Developments/Updates

Table 23. ABB Basic Information, Manufacturing Base and Competitors

Table 24. ABB Major Business

Table 25. ABB 3D Truss Manipulator Product and Services

Table 26. ABB 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. ABB Recent Developments/Updates

Table 28. Yaskawa Basic Information, Manufacturing Base and Competitors

Table 29. Yaskawa Major Business

Table 30. Yaskawa 3D Truss Manipulator Product and Services

Table 31. Yaskawa 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Yaskawa Recent Developments/Updates

Table 33. Huashine Intelligent Technology Basic Information, Manufacturing Base and Competitors

Table 34. Huashine Intelligent Technology Major Business

Table 35. Huashine Intelligent Technology 3D Truss Manipulator Product and Services

Table 36. Huashine Intelligent Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Huashine Intelligent Technology Recent Developments/Updates

Table 38. Litian Electromechanical Equipment Basic Information, Manufacturing Base and Competitors

Table 39. Litian Electromechanical Equipment Major Business

Table 40. Litian Electromechanical Equipment 3D Truss Manipulator Product and Services

Table 41. Litian Electromechanical Equipment 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Litian Electromechanical Equipment Recent Developments/Updates

Table 43. Fuyujin Intelligent Equipment Basic Information, Manufacturing Base and Competitors

Table 44. Fuyujin Intelligent Equipment Major Business

Table 45. Fuyujin Intelligent Equipment 3D Truss Manipulator Product and Services

Table 46. Fuyujin Intelligent Equipment 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Fuyujin Intelligent Equipment Recent Developments/Updates

Table 48. Yisite Machinery Automation Equipment Basic Information, Manufacturing Base and Competitors

Table 49. Yisite Machinery Automation Equipment Major Business

Table 50. Yisite Machinery Automation Equipment 3D Truss Manipulator Product and Services

Table 51. Yisite Machinery Automation Equipment 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Yisite Machinery Automation Equipment Recent Developments/Updates

Table 53. Tongli Industrial Basic Information, Manufacturing Base and Competitors

Table 54. Tongli Industrial Major Business

Table 55. Tongli Industrial 3D Truss Manipulator Product and Services

Table 56. Tongli Industrial 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Tongli Industrial Recent Developments/Updates

Table 58. Shenchong Forging Machine Basic Information, Manufacturing Base and Competitors

Table 59. Shenchong Forging Machine Major Business

Table 60. Shenchong Forging Machine 3D Truss Manipulator Product and Services

Table 61. Shenchong Forging Machine 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Shenchong Forging Machine Recent Developments/Updates

Table 63. Shuaike Automation Technology Basic Information, Manufacturing Base and Competitors

Table 64. Shuaike Automation Technology Major Business

Table 65. Shuaike Automation Technology 3D Truss Manipulator Product and Services

Table 66. Shuaike Automation Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Shuaike Automation Technology Recent Developments/Updates

Table 68. Chuangheng Machinery Technology Basic Information, Manufacturing Base and Competitors

Table 69. Chuangheng Machinery Technology Major Business

Table 70. Chuangheng Machinery Technology 3D Truss Manipulator Product and Services

Table 71. Chuangheng Machinery Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Chuangheng Machinery Technology Recent Developments/Updates

Table 73. Dacarat Automation Technology Basic Information, Manufacturing Base and Competitors

Table 74. Dacarat Automation Technology Major Business

Table 75. Dacarat Automation Technology 3D Truss Manipulator Product and Services

Table 76. Dacarat Automation Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Dacarat Automation Technology Recent Developments/Updates

Table 78. Wisdom In Sensor Basic Information, Manufacturing Base and Competitors

Table 79. Wisdom In Sensor Major Business

Table 80. Wisdom In Sensor 3D Truss Manipulator Product and Services

Table 81. Wisdom In Sensor 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Wisdom In Sensor Recent Developments/Updates

Table 83. Weida Heavy Industry Basic Information, Manufacturing Base and Competitors

Table 84. Weida Heavy Industry Major Business

Table 85. Weida Heavy Industry 3D Truss Manipulator Product and Services

Table 86. Weida Heavy Industry 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Weida Heavy Industry Recent Developments/Updates

Table 88. Tankin Robot Basic Information, Manufacturing Base and Competitors

Table 89. Tankin Robot Major Business

Table 90. Tankin Robot 3D Truss Manipulator Product and Services

Table 91. Tankin Robot 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Tankin Robot Recent Developments/Updates

Table 93. Hanfeng CNC Technology Basic Information, Manufacturing Base and Competitors

Table 94. Hanfeng CNC Technology Major Business

Table 95. Hanfeng CNC Technology 3D Truss Manipulator Product and Services

Table 96. Hanfeng CNC Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Hanfeng CNC Technology Recent Developments/Updates

Table 98. Aierman Automation Technology Basic Information, Manufacturing Base and Competitors

Table 99. Aierman Automation Technology Major Business

Table 100. Aierman Automation Technology 3D Truss Manipulator Product and Services

Table 101. Aierman Automation Technology 3D Truss Manipulator Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. Aierman Automation Technology Recent Developments/Updates

Table 103. Global 3D Truss Manipulator Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 104. Global 3D Truss Manipulator Revenue by Manufacturer (2020-2025) & (USD Million)

Table 105. Global 3D Truss Manipulator Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 106. Market Position of Manufacturers in 3D Truss Manipulator, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 107. Head Office and 3D Truss Manipulator Production Site of Key Manufacturer

Table 108. 3D Truss Manipulator Market: Company Product Type Footprint

Table 109. 3D Truss Manipulator Market: Company Product Application Footprint

Table 110. 3D Truss Manipulator New Market Entrants and Barriers to Market Entry

Table 111. 3D Truss Manipulator Mergers, Acquisition, Agreements, and Collaborations

Table 112. Global 3D Truss Manipulator Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 113. Global 3D Truss Manipulator Sales Quantity by Region (2020-2025) & (K Units)

Table 114. Global 3D Truss Manipulator Sales Quantity by Region (2026-2031) & (K Units)

Table 115. Global 3D Truss Manipulator Consumption Value by Region (2020-2025) & (USD Million)

Table 116. Global 3D Truss Manipulator Consumption Value by Region (2026-2031) & (USD Million)

Table 117. Global 3D Truss Manipulator Average Price by Region (2020-2025) & (US\$/Unit)

Table 118. Global 3D Truss Manipulator Average Price by Region (2026-2031) & (US\$/Unit)

Table 119. Global 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 120. Global 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 121. Global 3D Truss Manipulator Consumption Value by Type (2020-2025) & (USD Million)

Table 122. Global 3D Truss Manipulator Consumption Value by Type (2026-2031) & (USD Million)

Table 123. Global 3D Truss Manipulator Average Price by Type (2020-2025) & (US\$/Unit)

Table 124. Global 3D Truss Manipulator Average Price by Type (2026-2031) & (US\$/Unit)

Table 125. Global 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 126. Global 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 127. Global 3D Truss Manipulator Consumption Value by Application (2020-2025) & (USD Million)

Table 128. Global 3D Truss Manipulator Consumption Value by Application (2026-2031) & (USD Million)

Table 129. Global 3D Truss Manipulator Average Price by Application (2020-2025) & (US\$/Unit)

Table 130. Global 3D Truss Manipulator Average Price by Application (2026-2031) & (US\$/Unit)

Table 131. North America 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 132. North America 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 133. North America 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 134. North America 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 135. North America 3D Truss Manipulator Sales Quantity by Country (2020-2025) & (K Units)

Table 136. North America 3D Truss Manipulator Sales Quantity by Country (2026-2031) & (K Units)

Table 137. North America 3D Truss Manipulator Consumption Value by Country (2020-2025) & (USD Million)

Table 138. North America 3D Truss Manipulator Consumption Value by Country (2026-2031) & (USD Million)

Table 139. Europe 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 140. Europe 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 141. Europe 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 142. Europe 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 143. Europe 3D Truss Manipulator Sales Quantity by Country (2020-2025) & (K Units)

Table 144. Europe 3D Truss Manipulator Sales Quantity by Country (2026-2031) & (K Units)

Table 145. Europe 3D Truss Manipulator Consumption Value by Country (2020-2025) &

(USD Million)

Table 146. Europe 3D Truss Manipulator Consumption Value by Country (2026-2031) & (USD Million)

Table 147. Asia-Pacific 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 148. Asia-Pacific 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 149. Asia-Pacific 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 150. Asia-Pacific 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 151. Asia-Pacific 3D Truss Manipulator Sales Quantity by Region (2020-2025) & (K Units)

Table 152. Asia-Pacific 3D Truss Manipulator Sales Quantity by Region (2026-2031) & (K Units)

Table 153. Asia-Pacific 3D Truss Manipulator Consumption Value by Region (2020-2025) & (USD Million)

Table 154. Asia-Pacific 3D Truss Manipulator Consumption Value by Region (2026-2031) & (USD Million)

Table 155. South America 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 156. South America 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 157. South America 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 158. South America 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 159. South America 3D Truss Manipulator Sales Quantity by Country (2020-2025) & (K Units)

Table 160. South America 3D Truss Manipulator Sales Quantity by Country (2026-2031) & (K Units)

Table 161. South America 3D Truss Manipulator Consumption Value by Country (2020-2025) & (USD Million)

Table 162. South America 3D Truss Manipulator Consumption Value by Country (2026-2031) & (USD Million)

Table 163. Middle East & Africa 3D Truss Manipulator Sales Quantity by Type (2020-2025) & (K Units)

Table 164. Middle East & Africa 3D Truss Manipulator Sales Quantity by Type (2026-2031) & (K Units)

Table 165. Middle East & Africa 3D Truss Manipulator Sales Quantity by Application (2020-2025) & (K Units)

Table 166. Middle East & Africa 3D Truss Manipulator Sales Quantity by Application (2026-2031) & (K Units)

Table 167. Middle East & Africa 3D Truss Manipulator Sales Quantity by Country (2020-2025) & (K Units)

Table 168. Middle East & Africa 3D Truss Manipulator Sales Quantity by Country (2026-2031) & (K Units)

Table 169. Middle East & Africa 3D Truss Manipulator Consumption Value by Country (2020-2025) & (USD Million)

Table 170. Middle East & Africa 3D Truss Manipulator Consumption Value by Country (2026-2031) & (USD Million)

Table 171. 3D Truss Manipulator Raw Material

Table 172. Key Manufacturers of 3D Truss Manipulator Raw Materials

Table 173. 3D Truss Manipulator Typical Distributors

Table 174. 3D Truss Manipulator Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D Truss Manipulator Picture

Figure 2. Global 3D Truss Manipulator Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global 3D Truss Manipulator Revenue Market Share by Type in 2024

Figure 4. Straight Examples

Figure 5. Rotary Examples

Figure 6. Global 3D Truss Manipulator Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global 3D Truss Manipulator Revenue Market Share by Application in 2024

Figure 8. Automobile Manufacturing Examples

Figure 9. Metallurgy Examples

Figure 10. Metal Processing Examples

Figure 11. Aerospace Examples

Figure 12. Ships Examples

Figure 13. Others Examples

Figure 14. Global 3D Truss Manipulator Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global 3D Truss Manipulator Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global 3D Truss Manipulator Sales Quantity (2020-2031) & (K Units)

Figure 17. Global 3D Truss Manipulator Price (2020-2031) & (US\$/Unit)

Figure 18. Global 3D Truss Manipulator Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global 3D Truss Manipulator Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of 3D Truss Manipulator by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 3D Truss Manipulator Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 3D Truss Manipulator Manufacturer (Revenue) Market Share in 2024

Figure 23. Global 3D Truss Manipulator Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global 3D Truss Manipulator Consumption Value Market Share by Region (2020-2031)

Figure 25. North America 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 28. South America 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 30. Global 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global 3D Truss Manipulator Consumption Value Market Share by Type (2020-2031)

Figure 32. Global 3D Truss Manipulator Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global 3D Truss Manipulator Revenue Market Share by Application (2020-2031)

Figure 35. Global 3D Truss Manipulator Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America 3D Truss Manipulator Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America 3D Truss Manipulator Consumption Value Market Share by Country (2020-2031)

Figure 40. United States 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe 3D Truss Manipulator Sales Quantity Market Share by Country

(2020-2031)

Figure 46. Europe 3D Truss Manipulator Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 48. France 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific 3D Truss Manipulator Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific 3D Truss Manipulator Consumption Value Market Share by Region (2020-2031)

Figure 56. China 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 59. India 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 62. South America 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 64. South America 3D Truss Manipulator Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America 3D Truss Manipulator Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa 3D Truss Manipulator Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa 3D Truss Manipulator Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa 3D Truss Manipulator Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa 3D Truss Manipulator Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa 3D Truss Manipulator Consumption Value (2020-2031) & (USD Million)

Figure 76. 3D Truss Manipulator Market Drivers

Figure 77. 3D Truss Manipulator Market Restraints

Figure 78. 3D Truss Manipulator Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of 3D Truss Manipulator in 2024

Figure 81. Manufacturing Process Analysis of 3D Truss Manipulator

Figure 82. 3D Truss Manipulator Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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