

# Global Handwheel Valve Interlock Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Handwheel Valve Interlock market size is expected to reach \$ 144 million by 2032, rising at a market growth of 4.4% CAGR during the forecast period (2026-2032).

Handwheel-operated valve interlocks are mechanical safety devices installed on handwheel-operated valves. By utilizing keys, lock cylinders, or sequential interlocking mechanisms, they restrict the steps involved in opening and closing valves, thereby preventing accidental operation, unauthorized access, and erroneous switching. This ensures that high-risk process workflows operate safely and strictly according to a predetermined sequence.

The upstream supply chain primarily comprises suppliers of materials?such as stainless steel, carbon steel, copper alloys, and engineering plastics?as well as components including lock cylinders, springs, fasteners, castings, forgings, and providers of machining and surface treatment services. The downstream market targets industries with stringent process safety requirements?including oil and gas, chemicals, electric power, LNG, pharmaceuticals, shipbuilding, and water treatment.

Globally, the average unit price for handwheel-operated valve interlocks stands at \$1,766 per unit, with an annual sales volume of approximately 59,000 units. The global production capacity is 65,000 units, and the industry profit margin is 18%.

In the future, the global market for handwheel-operated valve interlocks is expected to evolve toward higher safety standardization, enhanced resistance to corrosion and extreme operating conditions, modular customization, and intelligent auxiliary capabilities. On one hand, high-risk sectors?such as petrochemicals, energy, LNG, and fine chemicals?are continuously raising their standards for intrinsic safety and

operational compliance; this trend will drive an increased penetration rate of interlocking devices in both new construction projects and the retrofitting of existing facilities. On the other hand, products will place greater emphasis on adaptability to various valve types, operating conditions, and process workflows, thereby improving ease of installation and maintenance efficiency. Concurrently, some manufacturers will integrate status indication, electronic monitoring, and digital management tools, fostering a trend wherein mechanical interlocking systems evolve in synergy with intelligent safety management solutions.

This report studies the global Handwheel Valve Interlock production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Handwheel Valve Interlock and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Handwheel Valve Interlock that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Handwheel Valve Interlock total production and demand, 2021-2032, (Units)

Global Handwheel Valve Interlock total production value, 2021-2032, (USD Million)

Global Handwheel Valve Interlock production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Handwheel Valve Interlock consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Handwheel Valve Interlock domestic production, consumption, key domestic manufacturers and share

Global Handwheel Valve Interlock production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Handwheel Valve Interlock production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Handwheel Valve Interlock production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Handwheel Valve Interlock market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Halma Group, Haake Technik, Alcatraz Interlocks, ENEX GROUP, Gloazure, Brooksbank Valves, Shanghai Kalyan Mechanical

Equipment, SECUMS INTERLOCKS, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Handwheel Valve Interlock market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Handwheel Valve Interlock Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Handwheel Valve Interlock Market, Segmentation by Type:

Gate Valve Interlock

Globe Valve Interlock

Ball Valve Interlock

Butterfly Valve Interlock

Other

#### Global Handwheel Valve Interlock Market, Segmentation by Material:

Carbon Steel

Stainless Steel

Copper Alloy

Aluminum Alloy

Composite Material

#### Global Handwheel Valve Interlock Market, Segmentation by Interlock Logic:

Single-Valve Independent Interlock

Dual-Valve Interlock

Multi-Valve Process Interlock

Master-Slave Interlock

Other

#### Global Handwheel Valve Interlock Market, Segmentation by Application:

Oil and Gas

Power

Chemical

Water Treatment

Others

#### Companies Profiled:

Halma Group

Haake Technik

Alcatraz Interlocks

ENEX GROUP

Gloazure

Brooksbank Valves

Shanghai Kalyan Mechanical Equipment

SECUMS INTERLOCKS

#### Key Questions Answered:

1. How big is the global Handwheel Valve Interlock market?
2. What is the demand of the global Handwheel Valve Interlock market?
3. What is the year over year growth of the global Handwheel Valve Interlock market?
4. What is the production and production value of the global Handwheel Valve Interlock market?
5. Who are the key producers in the global Handwheel Valve Interlock market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Handwheel Valve Interlock Introduction
- 1.2 World Handwheel Valve Interlock Supply & Forecast
  - 1.2.1 World Handwheel Valve Interlock Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Handwheel Valve Interlock Production (2021-2032)
  - 1.2.3 World Handwheel Valve Interlock Pricing Trends (2021-2032)
- 1.3 World Handwheel Valve Interlock Production by Region (Based on Production Site)
  - 1.3.1 World Handwheel Valve Interlock Production Value by Region (2021-2032)
  - 1.3.2 World Handwheel Valve Interlock Production by Region (2021-2032)
  - 1.3.3 World Handwheel Valve Interlock Average Price by Region (2021-2032)
  - 1.3.4 North America Handwheel Valve Interlock Production (2021-2032)
  - 1.3.5 Europe Handwheel Valve Interlock Production (2021-2032)
  - 1.3.6 China Handwheel Valve Interlock Production (2021-2032)
  - 1.3.7 Japan Handwheel Valve Interlock Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Handwheel Valve Interlock Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Handwheel Valve Interlock Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Handwheel Valve Interlock Demand (2021-2032)
- 2.2 World Handwheel Valve Interlock Consumption by Region
  - 2.2.1 World Handwheel Valve Interlock Consumption by Region (2021-2026)
  - 2.2.2 World Handwheel Valve Interlock Consumption Forecast by Region (2027-2032)
- 2.3 United States Handwheel Valve Interlock Consumption (2021-2032)
- 2.4 China Handwheel Valve Interlock Consumption (2021-2032)
- 2.5 Europe Handwheel Valve Interlock Consumption (2021-2032)
- 2.6 Japan Handwheel Valve Interlock Consumption (2021-2032)
- 2.7 South Korea Handwheel Valve Interlock Consumption (2021-2032)
- 2.8 ASEAN Handwheel Valve Interlock Consumption (2021-2032)
- 2.9 India Handwheel Valve Interlock Consumption (2021-2032)

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Handwheel Valve Interlock Production Value by Manufacturer (2021-2026)

- 3.2 World Handwheel Valve Interlock Production by Manufacturer (2021-2026)
- 3.3 World Handwheel Valve Interlock Average Price by Manufacturer (2021-2026)
- 3.4 Handwheel Valve Interlock Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Handwheel Valve Interlock Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Handwheel Valve Interlock in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Handwheel Valve Interlock in 2025
- 3.6 Handwheel Valve Interlock Market: Overall Company Footprint Analysis
  - 3.6.1 Handwheel Valve Interlock Market: Region Footprint
  - 3.6.2 Handwheel Valve Interlock Market: Company Product Type Footprint
  - 3.6.3 Handwheel Valve Interlock Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Handwheel Valve Interlock Production Value Comparison
  - 4.1.1 United States VS China: Handwheel Valve Interlock Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Handwheel Valve Interlock Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Handwheel Valve Interlock Production Comparison
  - 4.2.1 United States VS China: Handwheel Valve Interlock Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Handwheel Valve Interlock Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Handwheel Valve Interlock Consumption Comparison
  - 4.3.1 United States VS China: Handwheel Valve Interlock Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Handwheel Valve Interlock Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Handwheel Valve Interlock Manufacturers and Market Share, 2021-2026
  - 4.4.1 United States Based Handwheel Valve Interlock Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Handwheel Valve Interlock Production Value (2021-2026)

4.4.3 United States Based Manufacturers Handwheel Valve Interlock Production (2021-2026)

4.5 China Based Handwheel Valve Interlock Manufacturers and Market Share

4.5.1 China Based Handwheel Valve Interlock Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Handwheel Valve Interlock Production Value (2021-2026)

4.5.3 China Based Manufacturers Handwheel Valve Interlock Production (2021-2026)

4.6 Rest of World Based Handwheel Valve Interlock Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Handwheel Valve Interlock Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Handwheel Valve Interlock Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Handwheel Valve Interlock Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Handwheel Valve Interlock Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Gate Valve Interlock

5.2.2 Globe Valve Interlock

5.2.3 Ball Valve Interlock

5.2.4 Butterfly Valve Interlock

5.2.5 Other

5.3 Market Segment by Type

5.3.1 World Handwheel Valve Interlock Production by Type (2021-2032)

5.3.2 World Handwheel Valve Interlock Production Value by Type (2021-2032)

5.3.3 World Handwheel Valve Interlock Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY MATERIAL**

6.1 World Handwheel Valve Interlock Market Size Overview by Material: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Material

- 6.2.1 Carbon Steel
- 6.2.2 Stainless Steel
- 6.2.3 Copper Alloy
- 6.2.4 Aluminum Alloy
- 6.2.5 Composite Material
- 6.3 Market Segment by Material
  - 6.3.1 World Handwheel Valve Interlock Production by Material (2021-2032)
  - 6.3.2 World Handwheel Valve Interlock Production Value by Material (2021-2032)
  - 6.3.3 World Handwheel Valve Interlock Average Price by Material (2021-2032)

## **7 MARKET ANALYSIS BY INTERLOCK LOGIC**

- 7.1 World Handwheel Valve Interlock Market Size Overview by Interlock Logic: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Interlock Logic
  - 7.2.1 Single-Valve Independent Interlock
  - 7.2.2 Dual-Valve Interlock
  - 7.2.3 Multi-Valve Process Interlock
  - 7.2.4 Master-Slave Interlock
  - 7.2.5 Other
- 7.3 Market Segment by Interlock Logic
  - 7.3.1 World Handwheel Valve Interlock Production by Interlock Logic (2021-2032)
  - 7.3.2 World Handwheel Valve Interlock Production Value by Interlock Logic (2021-2032)
  - 7.3.3 World Handwheel Valve Interlock Average Price by Interlock Logic (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

- 8.1 World Handwheel Valve Interlock Market Size Overview by Application: 2021 VS 2025 VS 2032
- 8.2 Segment Introduction by Application
  - 8.2.1 Oil and Gas
  - 8.2.2 Power
  - 8.2.3 Chemical
  - 8.2.4 Water Treatment
  - 8.2.5 Others
- 8.3 Market Segment by Application
  - 8.3.1 World Handwheel Valve Interlock Production by Application (2021-2032)
  - 8.3.2 World Handwheel Valve Interlock Production Value by Application (2021-2032)

### 8.3.3 World Handwheel Valve Interlock Average Price by Application (2021-2032)

## 9 COMPANY PROFILES

### 9.1 Halma Group

#### 9.1.1 Halma Group Details

#### 9.1.2 Halma Group Major Business

#### 9.1.3 Halma Group Handwheel Valve Interlock Product and Services

#### 9.1.4 Halma Group Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.1.5 Halma Group Recent Developments/Updates

#### 9.1.6 Halma Group Competitive Strengths & Weaknesses

### 9.2 Haake Technik

#### 9.2.1 Haake Technik Details

#### 9.2.2 Haake Technik Major Business

#### 9.2.3 Haake Technik Handwheel Valve Interlock Product and Services

#### 9.2.4 Haake Technik Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.2.5 Haake Technik Recent Developments/Updates

#### 9.2.6 Haake Technik Competitive Strengths & Weaknesses

### 9.3 Alcatraz Interlocks

#### 9.3.1 Alcatraz Interlocks Details

#### 9.3.2 Alcatraz Interlocks Major Business

#### 9.3.3 Alcatraz Interlocks Handwheel Valve Interlock Product and Services

#### 9.3.4 Alcatraz Interlocks Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.3.5 Alcatraz Interlocks Recent Developments/Updates

#### 9.3.6 Alcatraz Interlocks Competitive Strengths & Weaknesses

### 9.4 ENEX GROUP

#### 9.4.1 ENEX GROUP Details

#### 9.4.2 ENEX GROUP Major Business

#### 9.4.3 ENEX GROUP Handwheel Valve Interlock Product and Services

#### 9.4.4 ENEX GROUP Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)

#### 9.4.5 ENEX GROUP Recent Developments/Updates

#### 9.4.6 ENEX GROUP Competitive Strengths & Weaknesses

### 9.5 Gloazure

#### 9.5.1 Gloazure Details

#### 9.5.2 Gloazure Major Business

- 9.5.3 Gloazure Handwheel Valve Interlock Product and Services
- 9.5.4 Gloazure Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.5.5 Gloazure Recent Developments/Updates
- 9.5.6 Gloazure Competitive Strengths & Weaknesses
- 9.6 Brooksbank Valves
  - 9.6.1 Brooksbank Valves Details
  - 9.6.2 Brooksbank Valves Major Business
  - 9.6.3 Brooksbank Valves Handwheel Valve Interlock Product and Services
  - 9.6.4 Brooksbank Valves Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.6.5 Brooksbank Valves Recent Developments/Updates
  - 9.6.6 Brooksbank Valves Competitive Strengths & Weaknesses
- 9.7 Shanghai Kalyan Mechanical Equipment
  - 9.7.1 Shanghai Kalyan Mechanical Equipment Details
  - 9.7.2 Shanghai Kalyan Mechanical Equipment Major Business
  - 9.7.3 Shanghai Kalyan Mechanical Equipment Handwheel Valve Interlock Product and Services
  - 9.7.4 Shanghai Kalyan Mechanical Equipment Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Shanghai Kalyan Mechanical Equipment Recent Developments/Updates
  - 9.7.6 Shanghai Kalyan Mechanical Equipment Competitive Strengths & Weaknesses
- 9.8 SECUMS INTERLOCKS
  - 9.8.1 SECUMS INTERLOCKS Details
  - 9.8.2 SECUMS INTERLOCKS Major Business
  - 9.8.3 SECUMS INTERLOCKS Handwheel Valve Interlock Product and Services
  - 9.8.4 SECUMS INTERLOCKS Handwheel Valve Interlock Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 SECUMS INTERLOCKS Recent Developments/Updates
  - 9.8.6 SECUMS INTERLOCKS Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Handwheel Valve Interlock Industry Chain
- 10.2 Handwheel Valve Interlock Upstream Analysis
  - 10.2.1 Handwheel Valve Interlock Core Raw Materials
  - 10.2.2 Main Manufacturers of Handwheel Valve Interlock Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis

10.5 Handwheel Valve Interlock Production Mode

10.6 Handwheel Valve Interlock Procurement Model

10.7 Handwheel Valve Interlock Industry Sales Model and Sales Channels

10.7.1 Handwheel Valve Interlock Sales Model

10.7.2 Handwheel Valve Interlock Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Handwheel Valve Interlock Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Handwheel Valve Interlock Production Value by Region (2021-2026) & (USD Million)

Table 3. World Handwheel Valve Interlock Production Value by Region (2027-2032) & (USD Million)

Table 4. World Handwheel Valve Interlock Production Value Market Share by Region (2021-2026)

Table 5. World Handwheel Valve Interlock Production Value Market Share by Region (2027-2032)

Table 6. World Handwheel Valve Interlock Production by Region (2021-2026) & (Units)

Table 7. World Handwheel Valve Interlock Production by Region (2027-2032) & (Units)

Table 8. World Handwheel Valve Interlock Production Market Share by Region (2021-2026)

Table 9. World Handwheel Valve Interlock Production Market Share by Region (2027-2032)

Table 10. World Handwheel Valve Interlock Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Handwheel Valve Interlock Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Handwheel Valve Interlock Major Market Trends

Table 13. World Handwheel Valve Interlock Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Handwheel Valve Interlock Consumption by Region (2021-2026) & (Units)

Table 15. World Handwheel Valve Interlock Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Handwheel Valve Interlock Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Handwheel Valve Interlock Producers in 2025

Table 18. World Handwheel Valve Interlock Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Handwheel Valve Interlock Producers in 2025

Table 20. World Handwheel Valve Interlock Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Handwheel Valve Interlock Company Evaluation Quadrant

Table 22. World Handwheel Valve Interlock Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Handwheel Valve Interlock Production Site of Key Manufacturer

Table 24. Handwheel Valve Interlock Market: Company Product Type Footprint

Table 25. Handwheel Valve Interlock Market: Company Product Application Footprint

Table 26. Handwheel Valve Interlock Competitive Factors

Table 27. Handwheel Valve Interlock New Entrant and Capacity Expansion Plans

Table 28. Handwheel Valve Interlock Mergers & Acquisitions Activity

Table 29. United States VS China Handwheel Valve Interlock Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Handwheel Valve Interlock Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Handwheel Valve Interlock Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Handwheel Valve Interlock Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Handwheel Valve Interlock Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Handwheel Valve Interlock Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Handwheel Valve Interlock Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Handwheel Valve Interlock Production Market Share (2021-2026)

Table 37. China Based Handwheel Valve Interlock Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Handwheel Valve Interlock Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Handwheel Valve Interlock Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Handwheel Valve Interlock Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Handwheel Valve Interlock Production Market Share (2021-2026)

Table 42. Rest of World Based Handwheel Valve Interlock Manufacturers,

Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Handwheel Valve Interlock Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Handwheel Valve Interlock Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Handwheel Valve Interlock Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Handwheel Valve Interlock Production Market Share (2021-2026)

Table 47. World Handwheel Valve Interlock Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Handwheel Valve Interlock Production by Type (2021-2026) & (Units)

Table 49. World Handwheel Valve Interlock Production by Type (2027-2032) & (Units)

Table 50. World Handwheel Valve Interlock Production Value by Type (2021-2026) & (USD Million)

Table 51. World Handwheel Valve Interlock Production Value by Type (2027-2032) & (USD Million)

Table 52. World Handwheel Valve Interlock Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Handwheel Valve Interlock Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Handwheel Valve Interlock Production Value by Material, (USD Million), 2021 & 2025 & 2032

Table 55. World Handwheel Valve Interlock Production by Material (2021-2026) & (Units)

Table 56. World Handwheel Valve Interlock Production by Material (2027-2032) & (Units)

Table 57. World Handwheel Valve Interlock Production Value by Material (2021-2026) & (USD Million)

Table 58. World Handwheel Valve Interlock Production Value by Material (2027-2032) & (USD Million)

Table 59. World Handwheel Valve Interlock Average Price by Material (2021-2026) & (US\$/Unit)

Table 60. World Handwheel Valve Interlock Average Price by Material (2027-2032) & (US\$/Unit)

Table 61. World Handwheel Valve Interlock Production Value by Interlock Logic, (USD Million), 2021 & 2025 & 2032

Table 62. World Handwheel Valve Interlock Production by Interlock Logic (2021-2026) & (Units)

Table 63. World Handwheel Valve Interlock Production by Interlock Logic (2027-2032) & (Units)

Table 64. World Handwheel Valve Interlock Production Value by Interlock Logic (2021-2026) & (USD Million)

Table 65. World Handwheel Valve Interlock Production Value by Interlock Logic (2027-2032) & (USD Million)

Table 66. World Handwheel Valve Interlock Average Price by Interlock Logic (2021-2026) & (US\$/Unit)

Table 67. World Handwheel Valve Interlock Average Price by Interlock Logic (2027-2032) & (US\$/Unit)

Table 68. World Handwheel Valve Interlock Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Handwheel Valve Interlock Production by Application (2021-2026) & (Units)

Table 70. World Handwheel Valve Interlock Production by Application (2027-2032) & (Units)

Table 71. World Handwheel Valve Interlock Production Value by Application (2021-2026) & (USD Million)

Table 72. World Handwheel Valve Interlock Production Value by Application (2027-2032) & (USD Million)

Table 73. World Handwheel Valve Interlock Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Handwheel Valve Interlock Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Halma Group Basic Information, Manufacturing Base and Competitors

Table 76. Halma Group Major Business

Table 77. Halma Group Handwheel Valve Interlock Product and Services

Table 78. Halma Group Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Halma Group Recent Developments/Updates

Table 80. Halma Group Competitive Strengths & Weaknesses

Table 81. Haake Technik Basic Information, Manufacturing Base and Competitors

Table 82. Haake Technik Major Business

Table 83. Haake Technik Handwheel Valve Interlock Product and Services

Table 84. Haake Technik Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Haake Technik Recent Developments/Updates

Table 86. Haake Technik Competitive Strengths & Weaknesses

Table 87. Alcatraz Interlocks Basic Information, Manufacturing Base and Competitors

Table 88. Alcatraz Interlocks Major Business

Table 89. Alcatraz Interlocks Handwheel Valve Interlock Product and Services

Table 90. Alcatraz Interlocks Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Alcatraz Interlocks Recent Developments/Updates

Table 92. Alcatraz Interlocks Competitive Strengths & Weaknesses

Table 93. ENEX GROUP Basic Information, Manufacturing Base and Competitors

Table 94. ENEX GROUP Major Business

Table 95. ENEX GROUP Handwheel Valve Interlock Product and Services

Table 96. ENEX GROUP Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. ENEX GROUP Recent Developments/Updates

Table 98. ENEX GROUP Competitive Strengths & Weaknesses

Table 99. Gloazure Basic Information, Manufacturing Base and Competitors

Table 100. Gloazure Major Business

Table 101. Gloazure Handwheel Valve Interlock Product and Services

Table 102. Gloazure Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Gloazure Recent Developments/Updates

Table 104. Gloazure Competitive Strengths & Weaknesses

Table 105. Brooksbank Valves Basic Information, Manufacturing Base and Competitors

Table 106. Brooksbank Valves Major Business

Table 107. Brooksbank Valves Handwheel Valve Interlock Product and Services

Table 108. Brooksbank Valves Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Brooksbank Valves Recent Developments/Updates

Table 110. Brooksbank Valves Competitive Strengths & Weaknesses

Table 111. Shanghai Kalyan Mechanical Equipment Basic Information, Manufacturing Base and Competitors

Table 112. Shanghai Kalyan Mechanical Equipment Major Business

Table 113. Shanghai Kalyan Mechanical Equipment Handwheel Valve Interlock Product and Services

Table 114. Shanghai Kalyan Mechanical Equipment Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Shanghai Kalyan Mechanical Equipment Recent Developments/Updates

Table 116. Shanghai Kalyan Mechanical Equipment Competitive Strengths & Weaknesses

Table 117. SECUMS INTERLOCKS Basic Information, Manufacturing Base and Competitors

Table 118. SECUMS INTERLOCKS Major Business

Table 119. SECUMS INTERLOCKS Handwheel Valve Interlock Product and Services

Table 120. SECUMS INTERLOCKS Handwheel Valve Interlock Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. SECUMS INTERLOCKS Recent Developments/Updates

Table 122. SECUMS INTERLOCKS Competitive Strengths & Weaknesses

Table 123. Global Key Players of Handwheel Valve Interlock Upstream (Raw Materials)

Table 124. Global Handwheel Valve Interlock Typical Customers

Table 125. Handwheel Valve Interlock Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. Handwheel Valve Interlock Picture
- Figure 2. World Handwheel Valve Interlock Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Handwheel Valve Interlock Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Handwheel Valve Interlock Production (2021-2032) & (Units)
- Figure 5. World Handwheel Valve Interlock Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Handwheel Valve Interlock Production Value Market Share by Region (2021-2032)
- Figure 7. World Handwheel Valve Interlock Production Market Share by Region (2021-2032)
- Figure 8. North America Handwheel Valve Interlock Production (2021-2032) & (Units)
- Figure 9. Europe Handwheel Valve Interlock Production (2021-2032) & (Units)
- Figure 10. China Handwheel Valve Interlock Production (2021-2032) & (Units)
- Figure 11. Japan Handwheel Valve Interlock Production (2021-2032) & (Units)
- Figure 12. Handwheel Valve Interlock Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 15. World Handwheel Valve Interlock Consumption Market Share by Region (2021-2032)
- Figure 16. United States Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 17. China Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 18. Europe Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 19. Japan Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 20. South Korea Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 21. ASEAN Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 22. India Handwheel Valve Interlock Consumption (2021-2032) & (Units)
- Figure 23. Producer Shipments of Handwheel Valve Interlock by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Handwheel Valve Interlock Markets in 2025
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Handwheel Valve Interlock Markets in 2025
- Figure 26. United States VS China: Handwheel Valve Interlock Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Handwheel Valve Interlock Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Handwheel Valve Interlock Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Handwheel Valve Interlock Production Market Share 2025

Figure 30. China Based Manufacturers Handwheel Valve Interlock Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Handwheel Valve Interlock Production Market Share 2025

Figure 32. World Handwheel Valve Interlock Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Handwheel Valve Interlock Production Value Market Share by Type in 2025

Figure 34. Gate Valve Interlock

Figure 35. Globe Valve Interlock

Figure 36. Ball Valve Interlock

Figure 37. Butterfly Valve Interlock

Figure 38. Other

Figure 39. World Handwheel Valve Interlock Production Market Share by Type (2021-2032)

Figure 40. World Handwheel Valve Interlock Production Value Market Share by Type (2021-2032)

Figure 41. World Handwheel Valve Interlock Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. World Handwheel Valve Interlock Production Value by Material, (USD Million), 2021 & 2025 & 2032

Figure 43. World Handwheel Valve Interlock Production Value Market Share by Material in 2025

Figure 44. Carbon Steel

Figure 45. Stainless Steel

Figure 46. Copper Alloy

Figure 47. Aluminum Alloy

Figure 48. Composite Material

Figure 49. World Handwheel Valve Interlock Production Market Share by Material (2021-2032)

Figure 50. World Handwheel Valve Interlock Production Value Market Share by Material (2021-2032)

Figure 51. World Handwheel Valve Interlock Average Price by Material (2021-2032) &

(US\$/Unit)

Figure 52. World Handwheel Valve Interlock Production Value by Interlock Logic, (USD Million), 2021 & 2025 & 2032

Figure 53. World Handwheel Valve Interlock Production Value Market Share by Interlock Logic in 2025

Figure 54. Single-Valve Independent Interlock

Figure 55. Dual-Valve Interlock

Figure 56. Multi-Valve Process Interlock

Figure 57. Master-Slave Interlock

Figure 58. Other

Figure 59. World Handwheel Valve Interlock Production Market Share by Interlock Logic (2021-2032)

Figure 60. World Handwheel Valve Interlock Production Value Market Share by Interlock Logic (2021-2032)

Figure 61. World Handwheel Valve Interlock Average Price by Interlock Logic (2021-2032) & (US\$/Unit)

Figure 62. World Handwheel Valve Interlock Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 63. World Handwheel Valve Interlock Production Value Market Share by Application in 2025

Figure 64. Oli and Gas

Figure 65. Power

Figure 66. Chemical

Figure 67. Water Treatment

Figure 68. Others

Figure 69. World Handwheel Valve Interlock Production Market Share by Application (2021-2032)

Figure 70. World Handwheel Valve Interlock Production Value Market Share by Application (2021-2032)

Figure 71. World Handwheel Valve Interlock Average Price by Application (2021-2032) & (US\$/Unit)

Figure 72. Handwheel Valve Interlock Industry Chain

Figure 73. Handwheel Valve Interlock Procurement Model

Figure 74. Handwheel Valve Interlock Sales Model

Figure 75. Handwheel Valve Interlock Sales Channels, Direct Sales, and Distribution

Figure 76. Methodology

Figure 77. Research Process and Data Source

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