

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

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Abstracts

The global Hand Valve Interlock market size is expected to reach \$ 140 million by 2032, rising at a market growth of 3.9% CAGR during the forecast period (2026-2032).

Handle-operated valve interlocks are mechanical safety devices installed on valves operated via a handle. By utilizing keys, locking bolts, or limiting mechanisms, they control the sequence of valve opening and closing operations as well as operational access permissions. This prevents accidental opening or closing, unauthorized operations, and errors during process switching, thereby enhancing both process safety and personnel safety on-site.

The upstream supply chain primarily comprises suppliers of stainless steel, carbon steel, aluminum alloys, engineering plastics, lock cores, springs, fasteners, seals, castings and forgings, as well as providers of machining and surface treatment services. Downstream, these interlocks are predominantly applied in process industries such as oil and gas, chemicals, electric power, LNG, pharmaceuticals, marine engineering, and water treatment.

Globally, the average unit price for handle-operated valve interlocks stands at \$1,856. The annual sales volume is approximately 56,000 units, against a global production capacity of 60,000 units, with the industry maintaining a profit margin of 20%.

Looking ahead, the global market for handle-operated valve interlocks will continue to evolve toward higher safety standardization, modular adaptability, enhanced resistance to corrosion and extreme operating conditions, and intelligent assistance capabilities. As industries such as oil and gas, chemicals, electric power, LNG, and pharmaceuticals increasingly raise their requirements for intrinsic safety, error prevention and control,

and operational compliance, the application of valve interlock products will become more widespread in both new construction projects and the retrofitting of existing facilities. Concurrently, manufacturers will focus on improving compatibility with diverse valve types, handle configurations, and complex process workflows, while also enhancing installation efficiency and ease of maintenance. Furthermore, they will gradually integrate features such as status indication, electronic tracking, and digital management capabilities, thereby fostering a trend toward the synergistic upgrading of mechanical interlocks and intelligent safety management systems.

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

This report is a detailed and comprehensive analysis of the world market for Hand 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 Hand Valve Interlock that contribute to its increasing demand across many markets.

Highlights and key features of the study

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

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

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

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

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

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

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

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

This report profiles key players in the global Hand 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 Hand 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 Hand Valve Interlock Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hand Valve Interlock Market, Segmentation by Type:

Gate Valve Interlock

Globe Valve Interlock

Ball Valve Interlock

Butterfly Valve Interlock

Other

Global Hand Valve Interlock Market, Segmentation by Material:

Carbon Steel

Stainless Steel

Copper Alloy

Aluminum Alloy

Composite Material

Global Hand Valve Interlock Market, Segmentation by Interlock Logic:

Single-Valve Independent Interlock

Dual-Valve Interlock

Multi-Valve Process Interlock

Master-Slave Interlock

Other

Global Hand Valve Interlock Market, Segmentation by Application:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

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

- 3.2 World Hand Valve Interlock Production by Manufacturer (2021-2026)
- 3.3 World Hand Valve Interlock Average Price by Manufacturer (2021-2026)
- 3.4 Hand Valve Interlock Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Hand Valve Interlock Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Hand Valve Interlock in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Hand Valve Interlock in 2025
- 3.6 Hand Valve Interlock Market: Overall Company Footprint Analysis
 - 3.6.1 Hand Valve Interlock Market: Region Footprint
 - 3.6.2 Hand Valve Interlock Market: Company Product Type Footprint
 - 3.6.3 Hand 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: Hand Valve Interlock Production Value Comparison
 - 4.1.1 United States VS China: Hand Valve Interlock Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Hand Valve Interlock Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Hand Valve Interlock Production Comparison
 - 4.2.1 United States VS China: Hand Valve Interlock Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Hand Valve Interlock Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Hand Valve Interlock Consumption Comparison
 - 4.3.1 United States VS China: Hand Valve Interlock Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Hand Valve Interlock Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Hand Valve Interlock Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Hand Valve Interlock Manufacturers, Headquarters and Production Site (States, Country)

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

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

4.5 China Based Hand Valve Interlock Manufacturers and Market Share

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

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

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

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

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

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

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

5 MARKET ANALYSIS BY TYPE

5.1 World Hand 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 Hand Valve Interlock Production by Type (2021-2032)

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

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

6 MARKET ANALYSIS BY MATERIAL

6.1 World Hand 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 Hand Valve Interlock Production by Material (2021-2032)
 - 6.3.2 World Hand Valve Interlock Production Value by Material (2021-2032)
 - 6.3.3 World Hand Valve Interlock Average Price by Material (2021-2032)

7 MARKET ANALYSIS BY INTERLOCK LOGIC

- 7.1 World Hand 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 Hand Valve Interlock Production by Interlock Logic (2021-2032)
 - 7.3.2 World Hand Valve Interlock Production Value by Interlock Logic (2021-2032)
 - 7.3.3 World Hand Valve Interlock Average Price by Interlock Logic (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

- 8.1 World Hand 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 Hand Valve Interlock Production by Application (2021-2032)
 - 8.3.2 World Hand Valve Interlock Production Value by Application (2021-2032)
 - 8.3.3 World Hand 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 Hand Valve Interlock Product and Services

9.1.4 Halma Group Hand 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 Hand Valve Interlock Product and Services

9.2.4 Haake Technik Hand 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 Hand Valve Interlock Product and Services

9.3.4 Alcatraz Interlocks Hand 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 Hand Valve Interlock Product and Services

9.4.4 ENEX GROUP Hand 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 Hand Valve Interlock Product and Services

9.5.4 Gloazure Hand 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 Hand Valve Interlock Product and Services
 - 9.6.4 Brooksbank Valves Hand 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 Hand Valve Interlock Product and Services
 - 9.7.4 Shanghai Kalyan Mechanical Equipment Hand 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 Hand Valve Interlock Product and Services
 - 9.8.4 SECUMS INTERLOCKS Hand 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 Hand Valve Interlock Industry Chain
- 10.2 Hand Valve Interlock Upstream Analysis
 - 10.2.1 Hand Valve Interlock Core Raw Materials
 - 10.2.2 Main Manufacturers of Hand Valve Interlock Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Hand Valve Interlock Production Mode
- 10.6 Hand Valve Interlock Procurement Model
- 10.7 Hand Valve Interlock Industry Sales Model and Sales Channels

- 10.7.1 Hand Valve Interlock Sales Model
- 10.7.2 Hand 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 Hand Valve Interlock Production Value by Region (2021, 2025 and 2032) & (USD Million)

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

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

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

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

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

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

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

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

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

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

Table 12. Hand Valve Interlock Major Market Trends

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

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

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

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

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

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

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

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

Table 21. Global Hand Valve Interlock Company Evaluation Quadrant

Table 22. World Hand Valve Interlock Industry Rank of Major Manufacturers, Based on

Production Value in 2025

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

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

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

Table 26. Hand Valve Interlock Competitive Factors

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

Table 28. Hand Valve Interlock Mergers & Acquisitions Activity

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 42. Rest of World Based Hand Valve Interlock Manufacturers, Headquarters and Production Site (State, Country)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 67. World Hand Valve Interlock Average Price by Interlock Logic (2027-2032) &

(US\$/Unit)

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

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

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

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

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

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

Table 74. World Hand 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 Hand Valve Interlock Product and Services

Table 78. Halma Group Hand 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 Hand Valve Interlock Product and Services

Table 84. Haake Technik Hand 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 Hand Valve Interlock Product and Services

Table 90. Alcatraz Interlocks Hand 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 Hand Valve Interlock Product and Services

Table 96. ENEX GROUP Hand 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 Hand Valve Interlock Product and Services
- Table 102. Gloazure Hand 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 Hand Valve Interlock Product and Services
- Table 108. Brooksbank Valves Hand 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 Hand Valve Interlock Product and Services
- Table 114. Shanghai Kalyan Mechanical Equipment Hand 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 Hand Valve Interlock Product and Services
- Table 120. SECUMS INTERLOCKS Hand 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 Hand Valve Interlock Upstream (Raw Materials)
- Table 124. Global Hand Valve Interlock Typical Customers

Table 125. Hand Valve Interlock Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Hand Valve Interlock Picture

Figure 2. World Hand Valve Interlock Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Hand Valve Interlock Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Hand Valve Interlock Production (2021-2032) & (Units)

Figure 5. World Hand Valve Interlock Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Hand Valve Interlock Production Value Market Share by Region (2021-2032)

Figure 7. World Hand Valve Interlock Production Market Share by Region (2021-2032)

Figure 8. North America Hand Valve Interlock Production (2021-2032) & (Units)

Figure 9. Europe Hand Valve Interlock Production (2021-2032) & (Units)

Figure 10. China Hand Valve Interlock Production (2021-2032) & (Units)

Figure 11. Japan Hand Valve Interlock Production (2021-2032) & (Units)

Figure 12. Hand Valve Interlock Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 15. World Hand Valve Interlock Consumption Market Share by Region (2021-2032)

Figure 16. United States Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 17. China Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 18. Europe Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 19. Japan Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 20. South Korea Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 21. ASEAN Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 22. India Hand Valve Interlock Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of Hand Valve Interlock by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Hand Valve Interlock Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Hand Valve Interlock Markets in 2025

Figure 26. United States VS China: Hand Valve Interlock Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Hand Valve Interlock Production Market Share

Comparison (2021 & 2025 & 2032)

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

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

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

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

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

Figure 33. World Hand 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 Hand Valve Interlock Production Market Share by Type (2021-2032)

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

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

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

Figure 43. World Hand 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 Hand Valve Interlock Production Market Share by Material (2021-2032)

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

Figure 51. World Hand Valve Interlock Average Price by Material (2021-2032) & (US\$/Unit)

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

Figure 53. World Hand 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 Hand Valve Interlock Production Market Share by Interlock Logic (2021-2032)

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

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

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

Figure 63. World Hand 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 Hand Valve Interlock Production Market Share by Application (2021-2032)

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

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

Figure 72. Hand Valve Interlock Industry Chain

Figure 73. Hand Valve Interlock Procurement Model

Figure 74. Hand Valve Interlock Sales Model

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

Figure 76. Methodology

Figure 77. Research Process and Data Source

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