

Global Wind-proof Pull Rod of Port Machinery Market Growth 2026-2032

<https://marketpublishers.com/r/G7838A8684D9EN.html>

Date: February 2026

Pages: 124

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

ID: G7838A8684D9EN

Abstracts

The global Wind-proof Pull Rod of Port Machinery market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

The windproof tie rod is a component used for port machinery, especially container cranes, which helps to prevent damage caused by strong winds. The pull rod is a slender steel rod, which is connected to the trolley of the crane and extends to the edge of the crane boom. The pole is designed to counteract the effect of wind by providing a stable force that helps to maintain the stability of the crane. During operation, the wind tie rod is usually kept in the horizontal position. When strong wind is detected, the pull rod can be adjusted to help reduce the wind resistance of the crane and stabilize the angle of the crane to resist the wind. This helps prevent the crane from swinging or tilting, which may damage the crane, the container it carries, and even the surrounding structure.

United States market for Wind-proof Pull Rod of Port Machinery is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Wind-proof Pull Rod of Port Machinery is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Wind-proof Pull Rod of Port Machinery is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Wind-proof Pull Rod of Port Machinery players cover Juli Sling Co.,Ltd.,

Liebherr Group, Konecranes, ZPMC, Anupam Industries Limited, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

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

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

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

This report presents a comprehensive overview, market shares, and growth opportunities of Wind-proof Pull Rod of Port Machinery market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Fix the Windproof Tie Rod

Adjustable Windproof Pull Rod

Segmentation by Application:

Port

Shipbuilding Plant

Offshore Oil and Gas Platform

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Juli Sling Co.,Ltd.

Liebherr Group

Konecranes

ZPMC

Anupam Industries Limited

Doosan Heavy Industries & Construction

TMEIC

Hyundai Heavy Industries

Shanghai Zhenhua Heavy Industries Company Limited

SANY

MacGregor

Terex Corporation

Kocks Crane and Marine Company

Cargotec Corporation

XCMG Group

Key Questions Addressed in this Report

What is the 10-year outlook for the global Wind-proof Pull Rod of Port Machinery market?

What factors are driving Wind-proof Pull Rod of Port Machinery market growth, globally and by region?

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

How do Wind-proof Pull Rod of Port Machinery market opportunities vary by end market size?

How does Wind-proof Pull Rod of Port Machinery break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Wind-proof Pull Rod of Port Machinery Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Wind-proof Pull Rod of Port Machinery by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Wind-proof Pull Rod of Port Machinery by Country/Region, 2021, 2025 & 2032

2.2 Wind-proof Pull Rod of Port Machinery Segment by Type

- 2.2.1 Fix the Windproof Tie Rod
- 2.2.2 Adjustable Windproof Pull Rod
- 2.2.3 Wind-proof Pull Rod of Port Machinery Sales by Type
 - 2.2.3.1 Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Wind-proof Pull Rod of Port Machinery Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Wind-proof Pull Rod of Port Machinery Sale Price by Type (2021-2026)

2.3 Wind-proof Pull Rod of Port Machinery Segment by Application

- 2.3.1 Port
- 2.3.2 Shipbuilding Plant
- 2.3.3 Offshore Oil and Gas Platform
- 2.3.4 Wind-proof Pull Rod of Port Machinery Sales by Application
 - 2.3.4.1 Global Wind-proof Pull Rod of Port Machinery Sale Market Share by Application (2021-2026)
 - 2.3.4.2 Global Wind-proof Pull Rod of Port Machinery Revenue and Market Share by

Application (2021-2026)

2.3.4.3 Global Wind-proof Pull Rod of Port Machinery Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Wind-proof Pull Rod of Port Machinery Breakdown Data by Company

3.1.1 Global Wind-proof Pull Rod of Port Machinery Annual Sales by Company (2021-2026)

3.1.2 Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Company (2021-2026)

3.2 Global Wind-proof Pull Rod of Port Machinery Annual Revenue by Company (2021-2026)

3.2.1 Global Wind-proof Pull Rod of Port Machinery Revenue by Company (2021-2026)

3.2.2 Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Company (2021-2026)

3.3 Global Wind-proof Pull Rod of Port Machinery Sale Price by Company

3.4 Key Manufacturers Wind-proof Pull Rod of Port Machinery Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Wind-proof Pull Rod of Port Machinery Product Location Distribution

3.4.2 Players Wind-proof Pull Rod of Port Machinery Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR WIND-PROOF PULL ROD OF PORT MACHINERY BY GEOGRAPHIC REGION

4.1 World Historic Wind-proof Pull Rod of Port Machinery Market Size by Geographic Region (2021-2026)

4.1.1 Global Wind-proof Pull Rod of Port Machinery Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Wind-proof Pull Rod of Port Machinery Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Wind-proof Pull Rod of Port Machinery Market Size by

Country/Region (2021-2026)

4.2.1 Global Wind-proof Pull Rod of Port Machinery Annual Sales by Country/Region (2021-2026)

4.2.2 Global Wind-proof Pull Rod of Port Machinery Annual Revenue by Country/Region (2021-2026)

4.3 Americas Wind-proof Pull Rod of Port Machinery Sales Growth

4.4 APAC Wind-proof Pull Rod of Port Machinery Sales Growth

4.5 Europe Wind-proof Pull Rod of Port Machinery Sales Growth

4.6 Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales Growth

5 AMERICAS

5.1 Americas Wind-proof Pull Rod of Port Machinery Sales by Country

5.1.1 Americas Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026)

5.1.2 Americas Wind-proof Pull Rod of Port Machinery Revenue by Country (2021-2026)

5.2 Americas Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026)

5.3 Americas Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Wind-proof Pull Rod of Port Machinery Sales by Region

6.1.1 APAC Wind-proof Pull Rod of Port Machinery Sales by Region (2021-2026)

6.1.2 APAC Wind-proof Pull Rod of Port Machinery Revenue by Region (2021-2026)

6.2 APAC Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026)

6.3 APAC Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Wind-proof Pull Rod of Port Machinery by Country

7.1.1 Europe Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026)

7.1.2 Europe Wind-proof Pull Rod of Port Machinery Revenue by Country (2021-2026)

7.2 Europe Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026)

7.3 Europe Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Wind-proof Pull Rod of Port Machinery by Country

8.1.1 Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026)

8.1.2 Middle East & Africa Wind-proof Pull Rod of Port Machinery Revenue by Country (2021-2026)

8.2 Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026)

8.3 Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Wind-proof Pull Rod of Port Machinery

10.3 Manufacturing Process Analysis of Wind-proof Pull Rod of Port Machinery

10.4 Industry Chain Structure of Wind-proof Pull Rod of Port Machinery

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Wind-proof Pull Rod of Port Machinery Distributors

11.3 Wind-proof Pull Rod of Port Machinery Customer

12 WORLD FORECAST REVIEW FOR WIND-PROOF PULL ROD OF PORT MACHINERY BY GEOGRAPHIC REGION

12.1 Global Wind-proof Pull Rod of Port Machinery Market Size Forecast by Region

12.1.1 Global Wind-proof Pull Rod of Port Machinery Forecast by Region (2027-2032)

12.1.2 Global Wind-proof Pull Rod of Port Machinery Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

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

12.6 Global Wind-proof Pull Rod of Port Machinery Forecast by Type (2027-2032)

12.7 Global Wind-proof Pull Rod of Port Machinery Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Juli Sling Co.,Ltd.

13.1.1 Juli Sling Co.,Ltd. Company Information

13.1.2 Juli Sling Co.,Ltd. Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.1.3 Juli Sling Co.,Ltd. Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Juli Sling Co.,Ltd. Main Business Overview

13.1.5 Juli Sling Co.,Ltd. Latest Developments

13.2 Liebherr Group

13.2.1 Liebherr Group Company Information

13.2.2 Liebherr Group Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.2.3 Liebherr Group Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Liebherr Group Main Business Overview

13.2.5 Liebherr Group Latest Developments

13.3 Konecranes

13.3.1 Konecranes Company Information

13.3.2 Konecranes Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.3.3 Konecranes Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Konecranes Main Business Overview

13.3.5 Konecranes Latest Developments

13.4 ZPMC

13.4.1 ZPMC Company Information

13.4.2 ZPMC Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.4.3 ZPMC Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 ZPMC Main Business Overview

13.4.5 ZPMC Latest Developments

13.5 Anupam Industries Limited

13.5.1 Anupam Industries Limited Company Information

13.5.2 Anupam Industries Limited Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.5.3 Anupam Industries Limited Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Anupam Industries Limited Main Business Overview

13.5.5 Anupam Industries Limited Latest Developments

13.6 Doosan Heavy Industries & Construction

13.6.1 Doosan Heavy Industries & Construction Company Information

13.6.2 Doosan Heavy Industries & Construction Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.6.3 Doosan Heavy Industries & Construction Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Doosan Heavy Industries & Construction Main Business Overview

13.6.5 Doosan Heavy Industries & Construction Latest Developments

13.7 TMEIC

13.7.1 TMEIC Company Information

13.7.2 TMEIC Wind-proof Pull Rod of Port Machinery Product Portfolios and

Specifications

13.7.3 TMEIC Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 TMEIC Main Business Overview

13.7.5 TMEIC Latest Developments

13.8 Hyundai Heavy Industries

13.8.1 Hyundai Heavy Industries Company Information

13.8.2 Hyundai Heavy Industries Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.8.3 Hyundai Heavy Industries Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Hyundai Heavy Industries Main Business Overview

13.8.5 Hyundai Heavy Industries Latest Developments

13.9 Shanghai Zhenhua Heavy Industries Company Limited

13.9.1 Shanghai Zhenhua Heavy Industries Company Limited Company Information

13.9.2 Shanghai Zhenhua Heavy Industries Company Limited Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.9.3 Shanghai Zhenhua Heavy Industries Company Limited Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Shanghai Zhenhua Heavy Industries Company Limited Main Business Overview

13.9.5 Shanghai Zhenhua Heavy Industries Company Limited Latest Developments

13.10 SANY

13.10.1 SANY Company Information

13.10.2 SANY Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.10.3 SANY Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 SANY Main Business Overview

13.10.5 SANY Latest Developments

13.11 MacGregor

13.11.1 MacGregor Company Information

13.11.2 MacGregor Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

13.11.3 MacGregor Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 MacGregor Main Business Overview

13.11.5 MacGregor Latest Developments

13.12 Terex Corporation

- 13.12.1 Terex Corporation Company Information
- 13.12.2 Terex Corporation Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications
- 13.12.3 Terex Corporation Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.12.4 Terex Corporation Main Business Overview
- 13.12.5 Terex Corporation Latest Developments
- 13.13 Kocks Crane and Marine Company
 - 13.13.1 Kocks Crane and Marine Company Company Information
 - 13.13.2 Kocks Crane and Marine Company Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications
 - 13.13.3 Kocks Crane and Marine Company Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Kocks Crane and Marine Company Main Business Overview
 - 13.13.5 Kocks Crane and Marine Company Latest Developments
- 13.14 Cargotec Corporation
 - 13.14.1 Cargotec Corporation Company Information
 - 13.14.2 Cargotec Corporation Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications
 - 13.14.3 Cargotec Corporation Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Cargotec Corporation Main Business Overview
 - 13.14.5 Cargotec Corporation Latest Developments
- 13.15 XCMG Group
 - 13.15.1 XCMG Group Company Information
 - 13.15.2 XCMG Group Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications
 - 13.15.3 XCMG Group Wind-proof Pull Rod of Port Machinery Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 XCMG Group Main Business Overview
 - 13.15.5 XCMG Group Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Wind-proof Pull Rod of Port Machinery Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Wind-proof Pull Rod of Port Machinery Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Fix the Windproof Tie Rod

Table 4. Major Players of Adjustable Windproof Pull Rod

Table 5. Global Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026) & (K Units)

Table 6. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)

Table 7. Global Wind-proof Pull Rod of Port Machinery Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Type (2021-2026)

Table 9. Global Wind-proof Pull Rod of Port Machinery Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Global Wind-proof Pull Rod of Port Machinery Sale by Application (2021-2026) & (K Units)

Table 11. Global Wind-proof Pull Rod of Port Machinery Sale Market Share by Application (2021-2026)

Table 12. Global Wind-proof Pull Rod of Port Machinery Revenue by Application (2021-2026) & (\$ million)

Table 13. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Application (2021-2026)

Table 14. Global Wind-proof Pull Rod of Port Machinery Sale Price by Application (2021-2026) & (US\$/Unit)

Table 15. Global Wind-proof Pull Rod of Port Machinery Sales by Company (2021-2026) & (K Units)

Table 16. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Company (2021-2026)

Table 17. Global Wind-proof Pull Rod of Port Machinery Revenue by Company (2021-2026) & (\$ millions)

Table 18. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Company (2021-2026)

Table 19. Global Wind-proof Pull Rod of Port Machinery Sale Price by Company

(2021-2026) & (US\$/Unit)

Table 20. Key Manufacturers Wind-proof Pull Rod of Port Machinery Producing Area Distribution and Sales Area

Table 21. Players Wind-proof Pull Rod of Port Machinery Products Offered

Table 22. Wind-proof Pull Rod of Port Machinery Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Wind-proof Pull Rod of Port Machinery Sales by Geographic Region (2021-2026) & (K Units)

Table 26. Global Wind-proof Pull Rod of Port Machinery Sales Market Share Geographic Region (2021-2026)

Table 27. Global Wind-proof Pull Rod of Port Machinery Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 28. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Geographic Region (2021-2026)

Table 29. Global Wind-proof Pull Rod of Port Machinery Sales by Country/Region (2021-2026) & (K Units)

Table 30. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Country/Region (2021-2026)

Table 31. Global Wind-proof Pull Rod of Port Machinery Revenue by Country/Region (2021-2026) & (\$ millions)

Table 32. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Country/Region (2021-2026)

Table 33. Americas Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026) & (K Units)

Table 34. Americas Wind-proof Pull Rod of Port Machinery Sales Market Share by Country (2021-2026)

Table 35. Americas Wind-proof Pull Rod of Port Machinery Revenue by Country (2021-2026) & (\$ millions)

Table 36. Americas Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026) & (K Units)

Table 37. Americas Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026) & (K Units)

Table 38. APAC Wind-proof Pull Rod of Port Machinery Sales by Region (2021-2026) & (K Units)

Table 39. APAC Wind-proof Pull Rod of Port Machinery Sales Market Share by Region (2021-2026)

Table 40. APAC Wind-proof Pull Rod of Port Machinery Revenue by Region

(2021-2026) & (\$ millions)

Table 41. APAC Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026) & (K Units)

Table 42. APAC Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026) & (K Units)

Table 43. Europe Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026) & (K Units)

Table 44. Europe Wind-proof Pull Rod of Port Machinery Revenue by Country (2021-2026) & (\$ millions)

Table 45. Europe Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026) & (K Units)

Table 46. Europe Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026) & (K Units)

Table 47. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Country (2021-2026) & (K Units)

Table 48. Middle East & Africa Wind-proof Pull Rod of Port Machinery Revenue Market Share by Country (2021-2026)

Table 49. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Type (2021-2026) & (K Units)

Table 50. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales by Application (2021-2026) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Wind-proof Pull Rod of Port Machinery

Table 52. Key Market Challenges & Risks of Wind-proof Pull Rod of Port Machinery

Table 53. Key Industry Trends of Wind-proof Pull Rod of Port Machinery

Table 54. Wind-proof Pull Rod of Port Machinery Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Wind-proof Pull Rod of Port Machinery Distributors List

Table 57. Wind-proof Pull Rod of Port Machinery Customer List

Table 58. Global Wind-proof Pull Rod of Port Machinery Sales Forecast by Region (2027-2032) & (K Units)

Table 59. Global Wind-proof Pull Rod of Port Machinery Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 60. Americas Wind-proof Pull Rod of Port Machinery Sales Forecast by Country (2027-2032) & (K Units)

Table 61. Americas Wind-proof Pull Rod of Port Machinery Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 62. APAC Wind-proof Pull Rod of Port Machinery Sales Forecast by Region (2027-2032) & (K Units)

Table 63. APAC Wind-proof Pull Rod of Port Machinery Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 64. Europe Wind-proof Pull Rod of Port Machinery Sales Forecast by Country (2027-2032) & (K Units)

Table 65. Europe Wind-proof Pull Rod of Port Machinery Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 66. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales Forecast by Country (2027-2032) & (K Units)

Table 67. Middle East & Africa Wind-proof Pull Rod of Port Machinery Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 68. Global Wind-proof Pull Rod of Port Machinery Sales Forecast by Type (2027-2032) & (K Units)

Table 69. Global Wind-proof Pull Rod of Port Machinery Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 70. Global Wind-proof Pull Rod of Port Machinery Sales Forecast by Application (2027-2032) & (K Units)

Table 71. Global Wind-proof Pull Rod of Port Machinery Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 72. Juli Sling Co.,Ltd. Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 73. Juli Sling Co.,Ltd. Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 74. Juli Sling Co.,Ltd. Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 75. Juli Sling Co.,Ltd. Main Business

Table 76. Juli Sling Co.,Ltd. Latest Developments

Table 77. Liebherr Group Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 78. Liebherr Group Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 79. Liebherr Group Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 80. Liebherr Group Main Business

Table 81. Liebherr Group Latest Developments

Table 82. Konecranes Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 83. Konecranes Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 84. Konecranes Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue

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

Table 85. Konecranes Main Business

Table 86. Konecranes Latest Developments

Table 87. ZPMC Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 88. ZPMC Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 89. ZPMC Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 90. ZPMC Main Business

Table 91. ZPMC Latest Developments

Table 92. Anupam Industries Limited Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 93. Anupam Industries Limited Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 94. Anupam Industries Limited Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 95. Anupam Industries Limited Main Business

Table 96. Anupam Industries Limited Latest Developments

Table 97. Doosan Heavy Industries & Construction Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 98. Doosan Heavy Industries & Construction Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 99. Doosan Heavy Industries & Construction Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 100. Doosan Heavy Industries & Construction Main Business

Table 101. Doosan Heavy Industries & Construction Latest Developments

Table 102. TMEIC Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 103. TMEIC Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 104. TMEIC Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 105. TMEIC Main Business

Table 106. TMEIC Latest Developments

Table 107. Hyundai Heavy Industries Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 108. Hyundai Heavy Industries Wind-proof Pull Rod of Port Machinery Product

Portfolios and Specifications

Table 109. Hyundai Heavy Industries Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 110. Hyundai Heavy Industries Main Business

Table 111. Hyundai Heavy Industries Latest Developments

Table 112. Shanghai Zhenhua Heavy Industries Company Limited Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 113. Shanghai Zhenhua Heavy Industries Company Limited Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 114. Shanghai Zhenhua Heavy Industries Company Limited Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 115. Shanghai Zhenhua Heavy Industries Company Limited Main Business

Table 116. Shanghai Zhenhua Heavy Industries Company Limited Latest Developments

Table 117. SANY Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 118. SANY Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 119. SANY Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 120. SANY Main Business

Table 121. SANY Latest Developments

Table 122. MacGregor Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 123. MacGregor Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 124. MacGregor Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 125. MacGregor Main Business

Table 126. MacGregor Latest Developments

Table 127. Terex Corporation Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 128. Terex Corporation Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 129. Terex Corporation Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 130. Terex Corporation Main Business

Table 131. Terex Corporation Latest Developments

Table 132. Kocks Crane and Marine Company Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 133. Kocks Crane and Marine Company Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 134. Kocks Crane and Marine Company Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 135. Kocks Crane and Marine Company Main Business

Table 136. Kocks Crane and Marine Company Latest Developments

Table 137. Cargotec Corporation Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 138. Cargotec Corporation Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 139. Cargotec Corporation Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 140. Cargotec Corporation Main Business

Table 141. Cargotec Corporation Latest Developments

Table 142. XCMG Group Basic Information, Wind-proof Pull Rod of Port Machinery Manufacturing Base, Sales Area and Its Competitors

Table 143. XCMG Group Wind-proof Pull Rod of Port Machinery Product Portfolios and Specifications

Table 144. XCMG Group Wind-proof Pull Rod of Port Machinery Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 145. XCMG Group Main Business

Table 146. XCMG Group Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Wind-proof Pull Rod of Port Machinery
- Figure 2. Wind-proof Pull Rod of Port Machinery Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Wind-proof Pull Rod of Port Machinery Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Wind-proof Pull Rod of Port Machinery Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Wind-proof Pull Rod of Port Machinery Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Wind-proof Pull Rod of Port Machinery Sales Market Share by Country/Region (2025)
- Figure 10. Wind-proof Pull Rod of Port Machinery Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Fix the Windproof Tie Rod
- Figure 12. Product Picture of Adjustable Windproof Pull Rod
- Figure 13. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Type in 2026
- Figure 14. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Type (2021-2026)
- Figure 15. Wind-proof Pull Rod of Port Machinery Consumed in Port
- Figure 16. Global Wind-proof Pull Rod of Port Machinery Market: Port (2021-2026) & (K Units)
- Figure 17. Wind-proof Pull Rod of Port Machinery Consumed in Shipbuilding Plant
- Figure 18. Global Wind-proof Pull Rod of Port Machinery Market: Shipbuilding Plant (2021-2026) & (K Units)
- Figure 19. Wind-proof Pull Rod of Port Machinery Consumed in Offshore Oil and Gas Platform
- Figure 20. Global Wind-proof Pull Rod of Port Machinery Market: Offshore Oil and Gas Platform (2021-2026) & (K Units)
- Figure 21. Global Wind-proof Pull Rod of Port Machinery Sale Market Share by Application (2025)
- Figure 22. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Application in 2026

- Figure 23. Wind-proof Pull Rod of Port Machinery Sales by Company in 2026 (K Units)
- Figure 24. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Company in 2026
- Figure 25. Wind-proof Pull Rod of Port Machinery Revenue by Company in 2026 (\$ millions)
- Figure 26. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Company in 2026
- Figure 27. Global Wind-proof Pull Rod of Port Machinery Sales Market Share by Geographic Region (2021-2026)
- Figure 28. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share by Geographic Region in 2026
- Figure 29. Americas Wind-proof Pull Rod of Port Machinery Sales 2021-2026 (K Units)
- Figure 30. Americas Wind-proof Pull Rod of Port Machinery Revenue 2021-2026 (\$ millions)
- Figure 31. APAC Wind-proof Pull Rod of Port Machinery Sales 2021-2026 (K Units)
- Figure 32. APAC Wind-proof Pull Rod of Port Machinery Revenue 2021-2026 (\$ millions)
- Figure 33. Europe Wind-proof Pull Rod of Port Machinery Sales 2021-2026 (K Units)
- Figure 34. Europe Wind-proof Pull Rod of Port Machinery Revenue 2021-2026 (\$ millions)
- Figure 35. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales 2021-2026 (K Units)
- Figure 36. Middle East & Africa Wind-proof Pull Rod of Port Machinery Revenue 2021-2026 (\$ millions)
- Figure 37. Americas Wind-proof Pull Rod of Port Machinery Sales Market Share by Country in 2026
- Figure 38. Americas Wind-proof Pull Rod of Port Machinery Revenue Market Share by Country (2021-2026)
- Figure 39. Americas Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)
- Figure 40. Americas Wind-proof Pull Rod of Port Machinery Sales Market Share by Application (2021-2026)
- Figure 41. United States Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)
- Figure 42. Canada Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)
- Figure 43. Mexico Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)
- Figure 44. Brazil Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$

millions)

Figure 45. APAC Wind-proof Pull Rod of Port Machinery Sales Market Share by Region in 2026

Figure 46. APAC Wind-proof Pull Rod of Port Machinery Revenue Market Share by Region (2021-2026)

Figure 47. APAC Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)

Figure 48. APAC Wind-proof Pull Rod of Port Machinery Sales Market Share by Application (2021-2026)

Figure 49. China Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 50. Japan Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 51. South Korea Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 52. Southeast Asia Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 53. India Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 54. Australia Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 55. China Taiwan Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 56. Europe Wind-proof Pull Rod of Port Machinery Sales Market Share by Country in 2026

Figure 57. Europe Wind-proof Pull Rod of Port Machinery Revenue Market Share by Country (2021-2026)

Figure 58. Europe Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)

Figure 59. Europe Wind-proof Pull Rod of Port Machinery Sales Market Share by Application (2021-2026)

Figure 60. Germany Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 61. France Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 62. UK Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 63. Italy Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 64. Russia Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 65. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales Market Share by Country (2021-2026)

Figure 66. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales Market Share by Type (2021-2026)

Figure 67. Middle East & Africa Wind-proof Pull Rod of Port Machinery Sales Market Share by Application (2021-2026)

Figure 68. Egypt Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 69. South Africa Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 70. Israel Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 71. Turkey Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 72. GCC Countries Wind-proof Pull Rod of Port Machinery Revenue Growth 2021-2026 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Wind-proof Pull Rod of Port Machinery in 2026

Figure 74. Manufacturing Process Analysis of Wind-proof Pull Rod of Port Machinery

Figure 75. Industry Chain Structure of Wind-proof Pull Rod of Port Machinery

Figure 76. Channels of Distribution

Figure 77. Global Wind-proof Pull Rod of Port Machinery Sales Market Forecast by Region (2027-2032)

Figure 78. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share Forecast by Region (2027-2032)

Figure 79. Global Wind-proof Pull Rod of Port Machinery Sales Market Share Forecast by Type (2027-2032)

Figure 80. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share Forecast by Type (2027-2032)

Figure 81. Global Wind-proof Pull Rod of Port Machinery Sales Market Share Forecast by Application (2027-2032)

Figure 82. Global Wind-proof Pull Rod of Port Machinery Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Wind-proof Pull Rod of Port Machinery Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G7838A8684D9EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7838A8684D9EN.html>