

Global Oxygen Delignification Technology Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Oxygen Delignification Technology market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Oxygen delignification technology is a process used in the pulp and paper industry to improve the efficiency of the pulp bleaching process. The primary objective of this technology is to selectively remove lignin, a complex organic polymer, from wood fibers during the production of pulp. Lignin is a natural component of wood that needs to be reduced for certain paper applications, as it can affect paper quality, color, and brightness.

The oxygen delignification process involves exposing the pulp to pressurized oxygen in the presence of alkali chemicals. Oxygen reacts with lignin, breaking it down and making it more soluble in the alkaline solution. This results in the removal of a significant portion of lignin from the pulp, leading to improvements in the brightness and purity of the final paper product.

Oxygen delignification is considered an environmentally friendly method compared to traditional chlorine-based bleaching processes, as it minimizes the production of environmentally harmful chlorinated compounds. The advantages of oxygen delignification technology include reduced environmental impact, improved paper quality, and the ability to achieve high brightness levels in the final paper product.

This report studies the global Oxygen Delignification Technology demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Oxygen

Delignification Technology, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Oxygen Delignification Technology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Oxygen Delignification Technology total market, 2018-2029, (USD Million)

Global Oxygen Delignification Technology total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Oxygen Delignification Technology total market, key domestic companies and share, (USD Million)

Global Oxygen Delignification Technology revenue by player and market share 2018-2023, (USD Million)

Global Oxygen Delignification Technology total market by Type, CAGR, 2018-2029, (USD Million)

Global Oxygen Delignification Technology total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Oxygen Delignification Technology market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Andritz, Valmet, Linde, Voith, Kadant, Buckman and Allnorth, 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 Oxygen Delignification Technology market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Oxygen Delignification Technology Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Oxygen Delignification Technology Market, Segmentation by Type

Single-stage Reactor Systems

Two-stage Reactor Systems

Global Oxygen Delignification Technology Market, Segmentation by Application

Medium Consistency Pulp

High Consistency Pulp

Companies Profiled:

Andritz

Valmet

Linde

Voith

Kadant

Buckman

Allnorth

Key Questions Answered

1. How big is the global Oxygen Delignification Technology market?
2. What is the demand of the global Oxygen Delignification Technology market?
3. What is the year over year growth of the global Oxygen Delignification Technology market?
4. What is the total value of the global Oxygen Delignification Technology market?
5. Who are the major players in the global Oxygen Delignification Technology market?

Contents

1 SUPPLY SUMMARY

- 1.1 Oxygen Delignification Technology Introduction
- 1.2 World Oxygen Delignification Technology Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Oxygen Delignification Technology Total Market by Region (by Headquarter Location)
 - 1.3.1 World Oxygen Delignification Technology Market Size by Region (2018-2029), (by Headquarter Location)
 - 1.3.2 United States Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.3 China Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.4 Europe Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.5 Japan Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.6 South Korea Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.7 ASEAN Oxygen Delignification Technology Market Size (2018-2029)
 - 1.3.8 India Oxygen Delignification Technology Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Oxygen Delignification Technology Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Oxygen Delignification Technology Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.2 World Oxygen Delignification Technology Consumption Value by Region
 - 2.2.1 World Oxygen Delignification Technology Consumption Value by Region (2018-2023)
 - 2.2.2 World Oxygen Delignification Technology Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.4 China Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.5 Europe Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.6 Japan Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.7 South Korea Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.8 ASEAN Oxygen Delignification Technology Consumption Value (2018-2029)
- 2.9 India Oxygen Delignification Technology Consumption Value (2018-2029)

3 WORLD OXYGEN DELIGNIFICATION TECHNOLOGY COMPANIES COMPETITIVE ANALYSIS

3.1 World Oxygen Delignification Technology Revenue by Player (2018-2023)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Oxygen Delignification Technology Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Oxygen Delignification Technology in 2022

3.2.3 Global Concentration Ratios (CR8) for Oxygen Delignification Technology in 2022

3.3 Oxygen Delignification Technology Company Evaluation Quadrant

3.4 Oxygen Delignification Technology Market: Overall Company Footprint Analysis

3.4.1 Oxygen Delignification Technology Market: Region Footprint

3.4.2 Oxygen Delignification Technology Market: Company Product Type Footprint

3.4.3 Oxygen Delignification Technology Market: Company Product Application

Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

3.5.3 Factors of Competition

3.6 Mergers, Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: Oxygen Delignification Technology Revenue Comparison (by Headquarter Location)

4.1.1 United States VS China: Oxygen Delignification Technology Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)

4.1.2 United States VS China: Oxygen Delignification Technology Revenue Market Share Comparison (2018 & 2022 & 2029)

4.2 United States Based Companies VS China Based Companies: Oxygen Delignification Technology Consumption Value Comparison

4.2.1 United States VS China: Oxygen Delignification Technology Consumption Value Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Oxygen Delignification Technology Consumption Value Market Share Comparison (2018 & 2022 & 2029)

4.3 United States Based Oxygen Delignification Technology Companies and Market Share, 2018-2023

- 4.3.1 United States Based Oxygen Delignification Technology Companies, Headquarters (States, Country)
- 4.3.2 United States Based Companies Oxygen Delignification Technology Revenue, (2018-2023)
- 4.4 China Based Companies Oxygen Delignification Technology Revenue and Market Share, 2018-2023
 - 4.4.1 China Based Oxygen Delignification Technology Companies, Company Headquarters (Province, Country)
 - 4.4.2 China Based Companies Oxygen Delignification Technology Revenue, (2018-2023)
- 4.5 Rest of World Based Oxygen Delignification Technology Companies and Market Share, 2018-2023
 - 4.5.1 Rest of World Based Oxygen Delignification Technology Companies, Headquarters (States, Country)
 - 4.5.2 Rest of World Based Companies Oxygen Delignification Technology Revenue, (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Oxygen Delignification Technology Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Single-stage Reactor Systems
 - 5.2.2 Two-stage Reactor Systems
- 5.3 Market Segment by Type
 - 5.3.1 World Oxygen Delignification Technology Market Size by Type (2018-2023)
 - 5.3.2 World Oxygen Delignification Technology Market Size by Type (2024-2029)
 - 5.3.3 World Oxygen Delignification Technology Market Size Market Share by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World Oxygen Delignification Technology Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Medium Consistency Pulp
 - 6.2.2 High Consistency Pulp
- 6.3 Market Segment by Application
 - 6.3.1 World Oxygen Delignification Technology Market Size by Application

(2018-2023)

6.3.2 World Oxygen Delignification Technology Market Size by Application

(2024-2029)

6.3.3 World Oxygen Delignification Technology Market Size by Application

(2018-2029)

7 COMPANY PROFILES

7.1 Andritz

7.1.1 Andritz Details

7.1.2 Andritz Major Business

7.1.3 Andritz Oxygen Delignification Technology Product and Services

7.1.4 Andritz Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.1.5 Andritz Recent Developments/Updates

7.1.6 Andritz Competitive Strengths & Weaknesses

7.2 Valmet

7.2.1 Valmet Details

7.2.2 Valmet Major Business

7.2.3 Valmet Oxygen Delignification Technology Product and Services

7.2.4 Valmet Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.2.5 Valmet Recent Developments/Updates

7.2.6 Valmet Competitive Strengths & Weaknesses

7.3 Linde

7.3.1 Linde Details

7.3.2 Linde Major Business

7.3.3 Linde Oxygen Delignification Technology Product and Services

7.3.4 Linde Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.3.5 Linde Recent Developments/Updates

7.3.6 Linde Competitive Strengths & Weaknesses

7.4 Voith

7.4.1 Voith Details

7.4.2 Voith Major Business

7.4.3 Voith Oxygen Delignification Technology Product and Services

7.4.4 Voith Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.4.5 Voith Recent Developments/Updates

7.4.6 Voith Competitive Strengths & Weaknesses

7.5 Kadant

7.5.1 Kadant Details

7.5.2 Kadant Major Business

7.5.3 Kadant Oxygen Delignification Technology Product and Services

7.5.4 Kadant Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.5.5 Kadant Recent Developments/Updates

7.5.6 Kadant Competitive Strengths & Weaknesses

7.6 Buckman

7.6.1 Buckman Details

7.6.2 Buckman Major Business

7.6.3 Buckman Oxygen Delignification Technology Product and Services

7.6.4 Buckman Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.6.5 Buckman Recent Developments/Updates

7.6.6 Buckman Competitive Strengths & Weaknesses

7.7 Allnorth

7.7.1 Allnorth Details

7.7.2 Allnorth Major Business

7.7.3 Allnorth Oxygen Delignification Technology Product and Services

7.7.4 Allnorth Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023)

7.7.5 Allnorth Recent Developments/Updates

7.7.6 Allnorth Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Oxygen Delignification Technology Industry Chain

8.2 Oxygen Delignification Technology Upstream Analysis

8.3 Oxygen Delignification Technology Midstream Analysis

8.4 Oxygen Delignification Technology Downstream Analysis

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Oxygen Delignification Technology Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Oxygen Delignification Technology Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Oxygen Delignification Technology Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Oxygen Delignification Technology Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Oxygen Delignification Technology Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Oxygen Delignification Technology Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Oxygen Delignification Technology Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Oxygen Delignification Technology Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Oxygen Delignification Technology Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Oxygen Delignification Technology Players in 2022

Table 12. World Oxygen Delignification Technology Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Oxygen Delignification Technology Company Evaluation Quadrant

Table 14. Head Office of Key Oxygen Delignification Technology Player

Table 15. Oxygen Delignification Technology Market: Company Product Type Footprint

Table 16. Oxygen Delignification Technology Market: Company Product Application Footprint

Table 17. Oxygen Delignification Technology Mergers & Acquisitions Activity

Table 18. United States VS China Oxygen Delignification Technology Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Oxygen Delignification Technology Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Oxygen Delignification Technology Companies, Headquarters (States, Country)

- Table 21. United States Based Companies Oxygen Delignification Technology Revenue, (2018-2023) & (USD Million)
- Table 22. United States Based Companies Oxygen Delignification Technology Revenue Market Share (2018-2023)
- Table 23. China Based Oxygen Delignification Technology Companies, Headquarters (Province, Country)
- Table 24. China Based Companies Oxygen Delignification Technology Revenue, (2018-2023) & (USD Million)
- Table 25. China Based Companies Oxygen Delignification Technology Revenue Market Share (2018-2023)
- Table 26. Rest of World Based Oxygen Delignification Technology Companies, Headquarters (States, Country)
- Table 27. Rest of World Based Companies Oxygen Delignification Technology Revenue, (2018-2023) & (USD Million)
- Table 28. Rest of World Based Companies Oxygen Delignification Technology Revenue Market Share (2018-2023)
- Table 29. World Oxygen Delignification Technology Market Size by Type, (USD Million), 2018 & 2022 & 2029
- Table 30. World Oxygen Delignification Technology Market Size by Type (2018-2023) & (USD Million)
- Table 31. World Oxygen Delignification Technology Market Size by Type (2024-2029) & (USD Million)
- Table 32. World Oxygen Delignification Technology Market Size by Application, (USD Million), 2018 & 2022 & 2029
- Table 33. World Oxygen Delignification Technology Market Size by Application (2018-2023) & (USD Million)
- Table 34. World Oxygen Delignification Technology Market Size by Application (2024-2029) & (USD Million)
- Table 35. Andritz Basic Information, Area Served and Competitors
- Table 36. Andritz Major Business
- Table 37. Andritz Oxygen Delignification Technology Product and Services
- Table 38. Andritz Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 39. Andritz Recent Developments/Updates
- Table 40. Andritz Competitive Strengths & Weaknesses
- Table 41. Valmet Basic Information, Area Served and Competitors
- Table 42. Valmet Major Business
- Table 43. Valmet Oxygen Delignification Technology Product and Services
- Table 44. Valmet Oxygen Delignification Technology Revenue, Gross Margin and

Market Share (2018-2023) & (USD Million)

Table 45. Valmet Recent Developments/Updates

Table 46. Valmet Competitive Strengths & Weaknesses

Table 47. Linde Basic Information, Area Served and Competitors

Table 48. Linde Major Business

Table 49. Linde Oxygen Delignification Technology Product and Services

Table 50. Linde Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 51. Linde Recent Developments/Updates

Table 52. Linde Competitive Strengths & Weaknesses

Table 53. Voith Basic Information, Area Served and Competitors

Table 54. Voith Major Business

Table 55. Voith Oxygen Delignification Technology Product and Services

Table 56. Voith Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 57. Voith Recent Developments/Updates

Table 58. Voith Competitive Strengths & Weaknesses

Table 59. Kadant Basic Information, Area Served and Competitors

Table 60. Kadant Major Business

Table 61. Kadant Oxygen Delignification Technology Product and Services

Table 62. Kadant Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 63. Kadant Recent Developments/Updates

Table 64. Kadant Competitive Strengths & Weaknesses

Table 65. Buckman Basic Information, Area Served and Competitors

Table 66. Buckman Major Business

Table 67. Buckman Oxygen Delignification Technology Product and Services

Table 68. Buckman Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 69. Buckman Recent Developments/Updates

Table 70. Allnorth Basic Information, Area Served and Competitors

Table 71. Allnorth Major Business

Table 72. Allnorth Oxygen Delignification Technology Product and Services

Table 73. Allnorth Oxygen Delignification Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 74. Global Key Players of Oxygen Delignification Technology Upstream (Raw Materials)

Table 75. Oxygen Delignification Technology Typical Customers

LIST OF FIGURE

Figure 1. Oxygen Delignification Technology Picture

Figure 2. World Oxygen Delignification Technology Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Oxygen Delignification Technology Total Market Size (2018-2029) & (USD Million)

Figure 4. World Oxygen Delignification Technology Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Oxygen Delignification Technology Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Oxygen Delignification Technology Revenue (2018-2029) & (USD Million)

Figure 13. Oxygen Delignification Technology Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 16. World Oxygen Delignification Technology Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 18. China Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 20. Japan Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 21. South Korea Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 22. ASEAN Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 23. India Oxygen Delignification Technology Consumption Value (2018-2029) & (USD Million)

Figure 24. Producer Shipments of Oxygen Delignification Technology by Player Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Oxygen Delignification Technology Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Oxygen Delignification Technology Markets in 2022

Figure 27. United States VS China: Oxygen Delignification Technology Revenue Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Oxygen Delignification Technology Consumption Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. World Oxygen Delignification Technology Market Size by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Oxygen Delignification Technology Market Size Market Share by Type in 2022

Figure 31. Single-stage Reactor Systems

Figure 32. Two-stage Reactor Systems

Figure 33. World Oxygen Delignification Technology Market Size Market Share by Type (2018-2029)

Figure 34. World Oxygen Delignification Technology Market Size by Application, (USD Million), 2018 & 2022 & 2029

Figure 35. World Oxygen Delignification Technology Market Size Market Share by Application in 2022

Figure 36. Medium Consistency Pulp

Figure 37. High Consistency Pulp

Figure 38. Oxygen Delignification Technology Industrial Chain

Figure 39. Methodology

Figure 40. Research Process and Data Source

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