+357 96 030922
info@marketpublishers.com

Global Parallel Hydraulic Retarders Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GDB868470487EN.html
Date: November 2026
Pages: 97
Price: US$ 4,480.00 (Single User License)
ID: GDB868470487EN

Abstracts

The global Parallel Hydraulic Retarders market size is expected to reach $ 1053 million by 2032, rising at a market growth of 6.0% CAGR during the forecast period (2026-2032).

In 2025, global Parallel Hydraulic Retarders production reached approximately 170 thousand units, with an average global market price of around USD 4000 per unit.

The gross profit margin of major companies in the industry was approximately 25%–40%.

In 2025, global production capacity of Parallel Hydraulic Retarders was approximately 215 thousand units.

Parallel Hydraulic Retarders are auxiliary braking devices installed in parallel with a vehicle drivetrain to generate braking torque through hydrodynamic resistance. During operation, fluid circulates between rotor and stator structures, converting vehicle kinetic energy into heat and reducing reliance on friction brakes. Products are mainly used in heavy-duty trucks, buses, coaches, special-purpose vehicles, and other commercial vehicles requiring sustained braking on long descents or frequent braking routes.

The industrial chain of Parallel Hydraulic Retarders includes upstream castings, alloy steel, rotors, stators, bearings, seals, hydraulic fluids, heat exchangers, sensors, and electronic controls; midstream covers hydraulic design, precision machining, assembly, control integration, performance testing, and validation; downstream applications mainly include heavy trucks, buses, coaches, special-purpose vehicles, mining vehicles, and other heavy commercial transportation equipment.

+357 96 030922
info@marketpublishers.com

Parallel hydraulic retarders are auxiliary braking devices arranged in parallel with a vehicle drivetrain and use hydrodynamic resistance to generate braking torque, reducing reliance on conventional friction brakes during prolonged or frequent braking. They are mainly applied in heavy trucks, buses, commercial vehicles, and specialized transport vehicles operating under demanding braking conditions. Market demand is supported by increasing commercial vehicle safety requirements, the need to reduce brake wear, and demand for stable braking performance during long downhill operation. Product development focuses on higher braking torque, compact and lightweight structures, improved thermal management, faster electronic control, and closer coordination with vehicle braking systems. Heavy-duty logistics, mountainous transportation, buses, and vehicles requiring frequent braking provide important application opportunities. However, hydraulic retarders add cost and weight to vehicles and require effective heat dissipation and drivetrain integration. They also face competition from electromagnetic retarders and regenerative braking systems. Commercial vehicle electrification may reshape demand as electric powertrains increasingly use regenerative braking. Future development will emphasize lightweight design, thermal efficiency, intelligent control, braking reliability, and compatibility with different commercial vehicle powertrain architectures.

Report Scope

This report studies the global Parallel Hydraulic Retarders production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Parallel Hydraulic Retarders 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 Parallel Hydraulic Retarders that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Parallel Hydraulic Retarders total production and demand, 2021-2032, (K Units)

Global Parallel Hydraulic Retarders total production value, 2021-2032, (USD

+357 96 030922
info@marketpublishers.com

Million)

Global Parallel Hydraulic Retarders production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Parallel Hydraulic Retarders consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Parallel Hydraulic Retarders domestic production, consumption, key domestic manufacturers and share

Global Parallel Hydraulic Retarders production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Parallel Hydraulic Retarders production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Parallel Hydraulic Retarders production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Parallel Hydraulic Retarders 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 Voith Turbo GmbH & Co. KG, ZF Friedrichshafen AG, Frenelsa S.A., Allison Transmission Holdings, Inc., Shaanxi Fast Gear Co., Ltd., Weichai Power Co., Ltd., China National Heavy Duty Truck Group Co., Ltd., Yutong Bus Co., Ltd., 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 Parallel Hydraulic Retarders market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$

+357 96 030922
info@marketpublishers.com

Millions), volume (production, consumption) & (K 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 Parallel Hydraulic Retarders Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Parallel Hydraulic Retarders Market, Segmentation by Type:

Transmission-mounted Retarders

Driveshaft-mounted Retarders

Axle-mounted Retarders

Global Parallel Hydraulic Retarders Market, Segmentation by Control System:

+357 96 030922
info@marketpublishers.com

Pneumatic-controlled Retarders

Electrohydraulic-controlled Retarders

Vehicle Network-integrated Retarders

Global Parallel Hydraulic Retarders Market, Segmentation by Maximum Braking Torque:

Low-torque(?2,000 N·m)

Medium-torque(>2,000–4,000 N·m)

High-torque(>4,000 N·m)

Global Parallel Hydraulic Retarders Market, Segmentation by Application:

Heavy-duty Trucks

Buses and Coaches

Special-purpose and Off-highway Vehicles

Other

Companies Profiled:

Voith Turbo GmbH & Co. KG

ZF Friedrichshafen AG

Frenelsa S.A.

Allison Transmission Holdings, Inc.

+357 96 030922
info@marketpublishers.com

Shaanxi Fast Gear Co., Ltd.

Weichai Power Co., Ltd.

China National Heavy Duty Truck Group Co., Ltd.

Yutong Bus Co., Ltd.

Key Questions Answered

1. How big is the global Parallel Hydraulic Retarders market?
2. What is the demand of the global Parallel Hydraulic Retarders market?
3. What is the year over year growth of the global Parallel Hydraulic Retarders market?
4. What is the total value of the global Parallel Hydraulic Retarders market?
5. Who are the Major Players in the global Parallel Hydraulic Retarders market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

4.4.1 United States Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Parallel Hydraulic Retarders Production Value (2021-2026)
4.4.3 United States Based Manufacturers Parallel Hydraulic Retarders Production (2021-2026)
4.5 China Based Parallel Hydraulic Retarders Manufacturers and Market Share
4.5.1 China Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Parallel Hydraulic Retarders Production Value (2021-2026)
4.5.3 China Based Manufacturers Parallel Hydraulic Retarders Production (2021-2026)
4.6 Rest of World Based Parallel Hydraulic Retarders Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Parallel Hydraulic Retarders Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Parallel Hydraulic Retarders Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Parallel Hydraulic Retarders Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Transmission-mounted Retarders
5.2.2 Driveshaft-mounted Retarders
5.2.3 Axle-mounted Retarders
5.3 Market Segment by Type
5.3.1 World Parallel Hydraulic Retarders Production by Type (2021-2032)
5.3.2 World Parallel Hydraulic Retarders Production Value by Type (2021-2032)
5.3.3 World Parallel Hydraulic Retarders Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CONTROL SYSTEM

6.1 World Parallel Hydraulic Retarders Market Size Overview by Control System: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Control System

+357 96 030922
info@marketpublishers.com

6.2.1 Pneumatic-controlled Retarders
6.2.2 Electrohydraulic-controlled Retarders
6.2.3 Vehicle Network-integrated Retarders
6.3 Market Segment by Control System
6.3.1 World Parallel Hydraulic Retarders Production by Control System (2021-2032)
6.3.2 World Parallel Hydraulic Retarders Production Value by Control System (2021-2032)
6.3.3 World Parallel Hydraulic Retarders Average Price by Control System (2021-2032)

7 MARKET ANALYSIS BY MAXIMUM BRAKING TORQUE

7.1 World Parallel Hydraulic Retarders Market Size Overview by Maximum Braking Torque: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Maximum Braking Torque
7.2.1 Low-torque(?2,000 N·m)
7.2.2 Medium-torque(>2,000–4,000 N·m)
7.2.3 High-torque(>4,000 N·m)
7.3 Market Segment by Maximum Braking Torque
7.3.1 World Parallel Hydraulic Retarders Production by Maximum Braking Torque (2021-2032)
7.3.2 World Parallel Hydraulic Retarders Production Value by Maximum Braking Torque (2021-2032)
7.3.3 World Parallel Hydraulic Retarders Average Price by Maximum Braking Torque (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Parallel Hydraulic Retarders Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 Heavy-duty Trucks
8.2.2 Buses and Coaches
8.2.3 Special-purpose and Off-highway Vehicles
8.2.4 Other
8.3 Market Segment by Application
8.3.1 World Parallel Hydraulic Retarders Production by Application (2021-2032)
8.3.2 World Parallel Hydraulic Retarders Production Value by Application (2021-2032)
8.3.3 World Parallel Hydraulic Retarders Average Price by Application (2021-2032)

+357 96 030922
info@marketpublishers.com

9 COMPANY PROFILES

9.1 Voith Turbo GmbH & Co. KG
9.1.1 Voith Turbo GmbH & Co. KG Details
9.1.2 Voith Turbo GmbH & Co. KG Major Business
9.1.3 Voith Turbo GmbH & Co. KG Parallel Hydraulic Retarders Product and Services
9.1.4 Voith Turbo GmbH & Co. KG Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 Voith Turbo GmbH & Co. KG Recent Developments/Updates
9.1.6 Voith Turbo GmbH & Co. KG Competitive Strengths & Weaknesses
9.2 ZF Friedrichshafen AG
9.2.1 ZF Friedrichshafen AG Details
9.2.2 ZF Friedrichshafen AG Major Business
9.2.3 ZF Friedrichshafen AG Parallel Hydraulic Retarders Product and Services
9.2.4 ZF Friedrichshafen AG Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 ZF Friedrichshafen AG Recent Developments/Updates
9.2.6 ZF Friedrichshafen AG Competitive Strengths & Weaknesses
9.3 Frenelsa S.A.
9.3.1 Frenelsa S.A. Details
9.3.2 Frenelsa S.A. Major Business
9.3.3 Frenelsa S.A. Parallel Hydraulic Retarders Product and Services
9.3.4 Frenelsa S.A. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 Frenelsa S.A. Recent Developments/Updates
9.3.6 Frenelsa S.A. Competitive Strengths & Weaknesses
9.4 Allison Transmission Holdings, Inc.
9.4.1 Allison Transmission Holdings, Inc. Details
9.4.2 Allison Transmission Holdings, Inc. Major Business
9.4.3 Allison Transmission Holdings, Inc. Parallel Hydraulic Retarders Product and Services
9.4.4 Allison Transmission Holdings, Inc. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Allison Transmission Holdings, Inc. Recent Developments/Updates
9.4.6 Allison Transmission Holdings, Inc. Competitive Strengths & Weaknesses
9.5 Shaanxi Fast Gear Co., Ltd.
9.5.1 Shaanxi Fast Gear Co., Ltd. Details
9.5.2 Shaanxi Fast Gear Co., Ltd. Major Business

+357 96 030922
info@marketpublishers.com

9.5.3 Shaanxi Fast Gear Co., Ltd. Parallel Hydraulic Retarders Product and Services
9.5.4 Shaanxi Fast Gear Co., Ltd. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 Shaanxi Fast Gear Co., Ltd. Recent Developments/Updates
9.5.6 Shaanxi Fast Gear Co., Ltd. Competitive Strengths & Weaknesses
9.6 Weichai Power Co., Ltd.
9.6.1 Weichai Power Co., Ltd. Details
9.6.2 Weichai Power Co., Ltd. Major Business
9.6.3 Weichai Power Co., Ltd. Parallel Hydraulic Retarders Product and Services
9.6.4 Weichai Power Co., Ltd. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 Weichai Power Co., Ltd. Recent Developments/Updates
9.6.6 Weichai Power Co., Ltd. Competitive Strengths & Weaknesses
9.7 China National Heavy Duty Truck Group Co., Ltd.
9.7.1 China National Heavy Duty Truck Group Co., Ltd. Details
9.7.2 China National Heavy Duty Truck Group Co., Ltd. Major Business
9.7.3 China National Heavy Duty Truck Group Co., Ltd. Parallel Hydraulic Retarders Product and Services
9.7.4 China National Heavy Duty Truck Group Co., Ltd. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 China National Heavy Duty Truck Group Co., Ltd. Recent Developments/Updates
9.7.6 China National Heavy Duty Truck Group Co., Ltd. Competitive Strengths & Weaknesses
9.8 Yutong Bus Co., Ltd.
9.8.1 Yutong Bus Co., Ltd. Details
9.8.2 Yutong Bus Co., Ltd. Major Business
9.8.3 Yutong Bus Co., Ltd. Parallel Hydraulic Retarders Product and Services
9.8.4 Yutong Bus Co., Ltd. Parallel Hydraulic Retarders Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 Yutong Bus Co., Ltd. Recent Developments/Updates
9.8.6 Yutong Bus Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Parallel Hydraulic Retarders Industry Chain
10.2 Parallel Hydraulic Retarders Upstream Analysis
10.2.1 Parallel Hydraulic Retarders Core Raw Materials
10.2.2 Main Manufacturers of Parallel Hydraulic Retarders Core Raw Materials

+357 96 030922
info@marketpublishers.com

10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Parallel Hydraulic Retarders Production Mode
10.6 Parallel Hydraulic Retarders Procurement Model
10.7 Parallel Hydraulic Retarders Industry Sales Model and Sales Channels
10.7.1 Parallel Hydraulic Retarders Sales Model
10.7.2 Parallel Hydraulic Retarders Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Parallel Hydraulic Retarders Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Parallel Hydraulic Retarders Production Value by Region (2021-2026) & (USD Million)
Table 3. World Parallel Hydraulic Retarders Production Value by Region (2027-2032) & (USD Million)
Table 4. World Parallel Hydraulic Retarders Production Value Market Share by Region (2021-2026)
Table 5. World Parallel Hydraulic Retarders Production Value Market Share by Region (2027-2032)
Table 6. World Parallel Hydraulic Retarders Production by Region (2021-2026) & (K Units)
Table 7. World Parallel Hydraulic Retarders Production by Region (2027-2032) & (K Units)
Table 8. World Parallel Hydraulic Retarders Production Market Share by Region (2021-2026)
Table 9. World Parallel Hydraulic Retarders Production Market Share by Region (2027-2032)
Table 10. World Parallel Hydraulic Retarders Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World Parallel Hydraulic Retarders Average Price by Region (2027-2032) & (US$/Unit)
Table 12. Parallel Hydraulic Retarders Major Market Trends
Table 13. World Parallel Hydraulic Retarders Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
Table 14. World Parallel Hydraulic Retarders Consumption by Region (2021-2026) & (K Units)
Table 15. World Parallel Hydraulic Retarders Consumption Forecast by Region (2027-2032) & (K Units)
Table 16. World Parallel Hydraulic Retarders Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Parallel Hydraulic Retarders Producers in 2025
Table 18. World Parallel Hydraulic Retarders Production by Manufacturer (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Parallel Hydraulic Retarders Producers in 2025
Table 20. World Parallel Hydraulic Retarders Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global Parallel Hydraulic Retarders Company Evaluation Quadrant
Table 22. World Parallel Hydraulic Retarders Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Parallel Hydraulic Retarders Production Site of Key Manufacturer
Table 24. Parallel Hydraulic Retarders Market: Company Product Type Footprint
Table 25. Parallel Hydraulic Retarders Market: Company Product Application Footprint
Table 26. Parallel Hydraulic Retarders Competitive Factors
Table 27. Parallel Hydraulic Retarders New Entrant and Capacity Expansion Plans
Table 28. Parallel Hydraulic Retarders Mergers & Acquisitions Activity
Table 29. United States VS China Parallel Hydraulic Retarders Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Parallel Hydraulic Retarders Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China Parallel Hydraulic Retarders Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Parallel Hydraulic Retarders Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Parallel Hydraulic Retarders Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Parallel Hydraulic Retarders Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers Parallel Hydraulic Retarders Production Market Share (2021-2026)
Table 37. China Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Parallel Hydraulic Retarders Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Parallel Hydraulic Retarders Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Parallel Hydraulic Retarders Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers Parallel Hydraulic Retarders Production Market

+357 96 030922
info@marketpublishers.com

Share (2021-2026)
Table 42. Rest of World Based Parallel Hydraulic Retarders Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Parallel Hydraulic Retarders Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Parallel Hydraulic Retarders Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Parallel Hydraulic Retarders Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers Parallel Hydraulic Retarders Production Market Share (2021-2026)
Table 47. World Parallel Hydraulic Retarders Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Parallel Hydraulic Retarders Production by Type (2021-2026) & (K Units)
Table 49. World Parallel Hydraulic Retarders Production by Type (2027-2032) & (K Units)
Table 50. World Parallel Hydraulic Retarders Production Value by Type (2021-2026) & (USD Million)
Table 51. World Parallel Hydraulic Retarders Production Value by Type (2027-2032) & (USD Million)
Table 52. World Parallel Hydraulic Retarders Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World Parallel Hydraulic Retarders Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World Parallel Hydraulic Retarders Production Value by Control System, (USD Million), 2021 & 2025 & 2032
Table 55. World Parallel Hydraulic Retarders Production by Control System (2021-2026) & (K Units)
Table 56. World Parallel Hydraulic Retarders Production by Control System (2027-2032) & (K Units)
Table 57. World Parallel Hydraulic Retarders Production Value by Control System (2021-2026) & (USD Million)
Table 58. World Parallel Hydraulic Retarders Production Value by Control System (2027-2032) & (USD Million)
Table 59. World Parallel Hydraulic Retarders Average Price by Control System (2021-2026) & (US$/Unit)
Table 60. World Parallel Hydraulic Retarders Average Price by Control System (2027-2032) & (US$/Unit)

+357 96 030922
info@marketpublishers.com

Table 61. World Parallel Hydraulic Retarders Production Value by Maximum Braking Torque, (USD Million), 2021 & 2025 & 2032
Table 62. World Parallel Hydraulic Retarders Production by Maximum Braking Torque (2021-2026) & (K Units)
Table 63. World Parallel Hydraulic Retarders Production by Maximum Braking Torque (2027-2032) & (K Units)
Table 64. World Parallel Hydraulic Retarders Production Value by Maximum Braking Torque (2021-2026) & (USD Million)
Table 65. World Parallel Hydraulic Retarders Production Value by Maximum Braking Torque (2027-2032) & (USD Million)
Table 66. World Parallel Hydraulic Retarders Average Price by Maximum Braking Torque (2021-2026) & (US$/Unit)
Table 67. World Parallel Hydraulic Retarders Average Price by Maximum Braking Torque (2027-2032) & (US$/Unit)
Table 68. World Parallel Hydraulic Retarders Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Parallel Hydraulic Retarders Production by Application (2021-2026) & (K Units)
Table 70. World Parallel Hydraulic Retarders Production by Application (2027-2032) & (K Units)
Table 71. World Parallel Hydraulic Retarders Production Value by Application (2021-2026) & (USD Million)
Table 72. World Parallel Hydraulic Retarders Production Value by Application (2027-2032) & (USD Million)
Table 73. World Parallel Hydraulic Retarders Average Price by Application (2021-2026) & (US$/Unit)
Table 74. World Parallel Hydraulic Retarders Average Price by Application (2027-2032) & (US$/Unit)
Table 75. Voith Turbo GmbH & Co. KG Basic Information, Manufacturing Base and Competitors
Table 76. Voith Turbo GmbH & Co. KG Major Business
Table 77. Voith Turbo GmbH & Co. KG Parallel Hydraulic Retarders Product and Services
Table 78. Voith Turbo GmbH & Co. KG Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. Voith Turbo GmbH & Co. KG Recent Developments/Updates
Table 80. Voith Turbo GmbH & Co. KG Competitive Strengths & Weaknesses
Table 81. ZF Friedrichshafen AG Basic Information, Manufacturing Base and

+357 96 030922
info@marketpublishers.com

Competitors
Table 82. ZF Friedrichshafen AG Major Business
Table 83. ZF Friedrichshafen AG Parallel Hydraulic Retarders Product and Services
Table 84. ZF Friedrichshafen AG Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. ZF Friedrichshafen AG Recent Developments/Updates
Table 86. ZF Friedrichshafen AG Competitive Strengths & Weaknesses
Table 87. Frenelsa S.A. Basic Information, Manufacturing Base and Competitors
Table 88. Frenelsa S.A. Major Business
Table 89. Frenelsa S.A. Parallel Hydraulic Retarders Product and Services
Table 90. Frenelsa S.A. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Frenelsa S.A. Recent Developments/Updates
Table 92. Frenelsa S.A. Competitive Strengths & Weaknesses
Table 93. Allison Transmission Holdings, Inc. Basic Information, Manufacturing Base and Competitors
Table 94. Allison Transmission Holdings, Inc. Major Business
Table 95. Allison Transmission Holdings, Inc. Parallel Hydraulic Retarders Product and Services
Table 96. Allison Transmission Holdings, Inc. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Allison Transmission Holdings, Inc. Recent Developments/Updates
Table 98. Allison Transmission Holdings, Inc. Competitive Strengths & Weaknesses
Table 99. Shaanxi Fast Gear Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 100. Shaanxi Fast Gear Co., Ltd. Major Business
Table 101. Shaanxi Fast Gear Co., Ltd. Parallel Hydraulic Retarders Product and Services
Table 102. Shaanxi Fast Gear Co., Ltd. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Shaanxi Fast Gear Co., Ltd. Recent Developments/Updates
Table 104. Shaanxi Fast Gear Co., Ltd. Competitive Strengths & Weaknesses
Table 105. Weichai Power Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 106. Weichai Power Co., Ltd. Major Business

+357 96 030922
info@marketpublishers.com

Table 107. Weichai Power Co., Ltd. Parallel Hydraulic Retarders Product and Services
Table 108. Weichai Power Co., Ltd. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Weichai Power Co., Ltd. Recent Developments/Updates
Table 110. Weichai Power Co., Ltd. Competitive Strengths & Weaknesses
Table 111. China National Heavy Duty Truck Group Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 112. China National Heavy Duty Truck Group Co., Ltd. Major Business
Table 113. China National Heavy Duty Truck Group Co., Ltd. Parallel Hydraulic Retarders Product and Services
Table 114. China National Heavy Duty Truck Group Co., Ltd. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. China National Heavy Duty Truck Group Co., Ltd. Recent Developments/Updates
Table 116. China National Heavy Duty Truck Group Co., Ltd. Competitive Strengths & Weaknesses
Table 117. Yutong Bus Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 118. Yutong Bus Co., Ltd. Major Business
Table 119. Yutong Bus Co., Ltd. Parallel Hydraulic Retarders Product and Services
Table 120. Yutong Bus Co., Ltd. Parallel Hydraulic Retarders Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Yutong Bus Co., Ltd. Recent Developments/Updates
Table 122. Yutong Bus Co., Ltd. Competitive Strengths & Weaknesses
Table 123. Global Key Players of Parallel Hydraulic Retarders Upstream (Raw Materials)
Table 124. Global Parallel Hydraulic Retarders Typical Customers
Table 125. Parallel Hydraulic Retarders Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

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

+357 96 030922
info@marketpublishers.com

Markets in 2025
Figure 26. United States VS China: Parallel Hydraulic Retarders Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Parallel Hydraulic Retarders Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Parallel Hydraulic Retarders Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Parallel Hydraulic Retarders Production Market Share 2025
Figure 30. China Based Manufacturers Parallel Hydraulic Retarders Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Parallel Hydraulic Retarders Production Market Share 2025
Figure 32. World Parallel Hydraulic Retarders Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Parallel Hydraulic Retarders Production Value Market Share by Type in 2025
Figure 34. Transmission-mounted Retarders
Figure 35. Driveshaft-mounted Retarders
Figure 36. Axle-mounted Retarders
Figure 37. World Parallel Hydraulic Retarders Production Market Share by Type (2021-2032)
Figure 38. World Parallel Hydraulic Retarders Production Value Market Share by Type (2021-2032)
Figure 39. World Parallel Hydraulic Retarders Average Price by Type (2021-2032) & (US$/Unit)
Figure 40. World Parallel Hydraulic Retarders Production Value by Control System, (USD Million), 2021 & 2025 & 2032
Figure 41. World Parallel Hydraulic Retarders Production Value Market Share by Control System in 2025
Figure 42. Pneumatic-controlled Retarders
Figure 43. Electrohydraulic-controlled Retarders
Figure 44. Vehicle Network-integrated Retarders
Figure 45. World Parallel Hydraulic Retarders Production Market Share by Control System (2021-2032)
Figure 46. World Parallel Hydraulic Retarders Production Value Market Share by Control System (2021-2032)
Figure 47. World Parallel Hydraulic Retarders Average Price by Control System (2021-2032) & (US$/Unit)

+357 96 030922
info@marketpublishers.com

Figure 48. World Parallel Hydraulic Retarders Production Value by Maximum Braking Torque, (USD Million), 2021 & 2025 & 2032
Figure 49. World Parallel Hydraulic Retarders Production Value Market Share by Maximum Braking Torque in 2025
Figure 50. Low-torque(?2,000 N·m)
Figure 51. Medium-torque(>2,000–4,000 N·m)
Figure 52. High-torque(>4,000 N·m)
Figure 53. World Parallel Hydraulic Retarders Production Market Share by Maximum Braking Torque (2021-2032)
Figure 54. World Parallel Hydraulic Retarders Production Value Market Share by Maximum Braking Torque (2021-2032)
Figure 55. World Parallel Hydraulic Retarders Average Price by Maximum Braking Torque (2021-2032) & (US$/Unit)
Figure 56. World Parallel Hydraulic Retarders Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 57. World Parallel Hydraulic Retarders Production Value Market Share by Application in 2025
Figure 58. Heavy-duty Trucks
Figure 59. Buses and Coaches
Figure 60. Special-purpose and Off-highway Vehicles
Figure 61. Other
Figure 62. World Parallel Hydraulic Retarders Production Market Share by Application (2021-2032)
Figure 63. World Parallel Hydraulic Retarders Production Value Market Share by Application (2021-2032)
Figure 64. World Parallel Hydraulic Retarders Average Price by Application (2021-2032) & (US$/Unit)
Figure 65. Parallel Hydraulic Retarders Industry Chain
Figure 66. Parallel Hydraulic Retarders Procurement Model
Figure 67. Parallel Hydraulic Retarders Sales Model
Figure 68. Parallel Hydraulic Retarders Sales Channels, Direct Sales, and Distribution
Figure 69. Methodology
Figure 70. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Parallel Hydraulic Retarders Supply, Demand and Key Producers, 2026-2032
Product link: https://marketpublishers.com/r/GDB868470487EN.html
Price: US$ 4,480.00 (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/GDB868470487EN.html