

# Global Railway Braking System Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GC6CBD280ABDEN.html>

Date: February 2023

Pages: 108

Price: US\$ 4,480.00 (Single User License)

ID: GC6CBD280ABDEN

## Abstracts

The global Railway Braking System market size is expected to reach \$ 3766.9 million by 2029, rising at a market growth of 5.0% CAGR during the forecast period (2023-2029).

Railway Braking System is a system for braking railway rolling stock. Its main function is to control the running speed of railway rolling stock, so that the running train can quickly decelerate, stop, or make it run at a limited speed on the downhill slope. Running to prevent the train from overspeeding due to the gravity of the vehicle when going downhill; even a stationary rolling stock needs to be braked to prevent the parked vehicle from slipping due to gravity or wind blowing. Therefore, railway braking is an important link to ensure the safety of railway transportation. If the train cannot rely on braking to control the speed or stop it when it is running at high speed, danger or even serious accidents will inevitably occur. According to their own experience in railway operation and management, railway operators in various countries have strict requirements on the braking distance of trains, which is also the main technical index reflecting the performance of the braking device and the actual braking effect. In terms of product type, type air brake system is the largest segment, occupied for a share of 69.77%, and in terms of application, application freight has a share about 70.72 percent.

Railway Braking System is a system for braking railway rolling stock. Its main function is to control the running speed of railway rolling stock, so that the running train can quickly decelerate, stop, or make it run at a limited speed on the downhill slope. Running to prevent the train from overspeeding due to the gravity of the vehicle when going downhill; even a stationary rolling stock needs to be braked to prevent the parked vehicle from slipping due to gravity or wind blowing.

This report studies the global Railway Braking System production, demand, key

manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Railway Braking System, 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 Railway Braking System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Railway Braking System total production and demand, 2018-2029, (Units)

Global Railway Braking System total production value, 2018-2029, (USD Million)

Global Railway Braking System production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Railway Braking System consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Railway Braking System domestic production, consumption, key domestic manufacturers and share

Global Railway Braking System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Railway Braking System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Railway Braking System production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Railway Braking System 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 Knorr Bremse, Wabtec, CRRC, Nabtesco, JSC MTZ Transmash, Amsted, Dako-CZ, Beijing Tianyishangjia and Akebono Brake Industry, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Railway Braking System market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Railway Braking System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Railway Braking System Market, Segmentation by Type

Air Brake System

Electropneumatic Braking System

## Global Railway Braking System Market, Segmentation by Application

Freight

Passenger

High Speed

### Companies Profiled:

Knorr Bremse

Wabtec

CRRC

Nabtesco

JSC MTZ Transmash

Amsted

Dako-CZ

Beijing Tianyishangjia

Akebono Brake Industry

Mitsubishi Electric

Hanning Kahl

Bosun

Guangdong Huatie Tongda

### Key Questions Answered

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

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Railway Braking System Introduction
- 1.2 World Railway Braking System Supply & Forecast
  - 1.2.1 World Railway Braking System Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Railway Braking System Production (2018-2029)
  - 1.2.3 World Railway Braking System Pricing Trends (2018-2029)
- 1.3 World Railway Braking System Production by Region (Based on Production Site)
  - 1.3.1 World Railway Braking System Production Value by Region (2018-2029)
  - 1.3.2 World Railway Braking System Production by Region (2018-2029)
  - 1.3.3 World Railway Braking System Average Price by Region (2018-2029)
  - 1.3.4 United States Railway Braking System Production (2018-2029)
  - 1.3.5 Europe Railway Braking System Production (2018-2029)
  - 1.3.6 China Railway Braking System Production (2018-2029)
  - 1.3.7 Japan Railway Braking System Production (2018-2029)
  - 1.3.8 Russia Railway Braking System Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Railway Braking System Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Railway Braking System Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

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

### **3 WORLD RAILWAY BRAKING SYSTEM MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Railway Braking System Production Value by Manufacturer (2018-2023)
- 3.2 World Railway Braking System Production by Manufacturer (2018-2023)
- 3.3 World Railway Braking System Average Price by Manufacturer (2018-2023)
- 3.4 Railway Braking System Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Railway Braking System Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Railway Braking System in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Railway Braking System in 2022
- 3.6 Railway Braking System Market: Overall Company Footprint Analysis
  - 3.6.1 Railway Braking System Market: Region Footprint
  - 3.6.2 Railway Braking System Market: Company Product Type Footprint
  - 3.6.3 Railway Braking System 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: Railway Braking System Production Value Comparison
  - 4.1.1 United States VS China: Railway Braking System Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Railway Braking System Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Railway Braking System Production Comparison
  - 4.2.1 United States VS China: Railway Braking System Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Railway Braking System Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Railway Braking System Consumption Comparison
  - 4.3.1 United States VS China: Railway Braking System Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Railway Braking System Consumption Market Share

## Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Railway Braking System Manufacturers and Market Share, 2018-2023

#### 4.4.1 United States Based Railway Braking System Manufacturers, Headquarters and Production Site (States, Country)

#### 4.4.2 United States Based Manufacturers Railway Braking System Production Value (2018-2023)

#### 4.4.3 United States Based Manufacturers Railway Braking System Production (2018-2023)

### 4.5 China Based Railway Braking System Manufacturers and Market Share

#### 4.5.1 China Based Railway Braking System Manufacturers, Headquarters and Production Site (Province, Country)

#### 4.5.2 China Based Manufacturers Railway Braking System Production Value (2018-2023)

#### 4.5.3 China Based Manufacturers Railway Braking System Production (2018-2023)

### 4.6 Rest of World Based Railway Braking System Manufacturers and Market Share, 2018-2023

#### 4.6.1 Rest of World Based Railway Braking System Manufacturers, Headquarters and Production Site (State, Country)

#### 4.6.2 Rest of World Based Manufacturers Railway Braking System Production Value (2018-2023)

#### 4.6.3 Rest of World Based Manufacturers Railway Braking System Production (2018-2023)

## 5 MARKET ANALYSIS BY TYPE

### 5.1 World Railway Braking System Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

##### 5.2.1 Air Brake System

##### 5.2.2 Electropneumatic Braking System

#### 5.3 Market Segment by Type

##### 5.3.1 World Railway Braking System Production by Type (2018-2029)

##### 5.3.2 World Railway Braking System Production Value by Type (2018-2029)

##### 5.3.3 World Railway Braking System Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World Railway Braking System Market Size Overview by Application: 2018 VS 2022



VS 2029

## 6.2 Segment Introduction by Application

6.2.1 Freight

6.2.2 Passenger

6.2.3 High Speed

## 6.3 Market Segment by Application

6.3.1 World Railway Braking System Production by Application (2018-2029)

6.3.2 World Railway Braking System Production Value by Application (2018-2029)

6.3.3 World Railway Braking System Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Knorr Bremse

7.1.1 Knorr Bremse Details

7.1.2 Knorr Bremse Major Business

7.1.3 Knorr Bremse Railway Braking System Product and Services

7.1.4 Knorr Bremse Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Knorr Bremse Recent Developments/Updates

7.1.6 Knorr Bremse Competitive Strengths & Weaknesses

### 7.2 Wabtec

7.2.1 Wabtec Details

7.2.2 Wabtec Major Business

7.2.3 Wabtec Railway Braking System Product and Services

7.2.4 Wabtec Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Wabtec Recent Developments/Updates

7.2.6 Wabtec Competitive Strengths & Weaknesses

### 7.3 CRRC

7.3.1 CRRC Details

7.3.2 CRRC Major Business

7.3.3 CRRC Railway Braking System Product and Services

7.3.4 CRRC Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 CRRC Recent Developments/Updates

7.3.6 CRRC Competitive Strengths & Weaknesses

### 7.4 Nabtesco

7.4.1 Nabtesco Details

7.4.2 Nabtesco Major Business

- 7.4.3 Nabtesco Railway Braking System Product and Services
- 7.4.4 Nabtesco Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Nabtesco Recent Developments/Updates
- 7.4.6 Nabtesco Competitive Strengths & Weaknesses
- 7.5 JSC MTZ Transmash
  - 7.5.1 JSC MTZ Transmash Details
  - 7.5.2 JSC MTZ Transmash Major Business
  - 7.5.3 JSC MTZ Transmash Railway Braking System Product and Services
  - 7.5.4 JSC MTZ Transmash Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 JSC MTZ Transmash Recent Developments/Updates
  - 7.5.6 JSC MTZ Transmash Competitive Strengths & Weaknesses
- 7.6 Amsted
  - 7.6.1 Amsted Details
  - 7.6.2 Amsted Major Business
  - 7.6.3 Amsted Railway Braking System Product and Services
  - 7.6.4 Amsted Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Amsted Recent Developments/Updates
  - 7.6.6 Amsted Competitive Strengths & Weaknesses
- 7.7 Dako-CZ
  - 7.7.1 Dako-CZ Details
  - 7.7.2 Dako-CZ Major Business
  - 7.7.3 Dako-CZ Railway Braking System Product and Services
  - 7.7.4 Dako-CZ Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Dako-CZ Recent Developments/Updates
  - 7.7.6 Dako-CZ Competitive Strengths & Weaknesses
- 7.8 Beijing Tianyishangjia
  - 7.8.1 Beijing Tianyishangjia Details
  - 7.8.2 Beijing Tianyishangjia Major Business
  - 7.8.3 Beijing Tianyishangjia Railway Braking System Product and Services
  - 7.8.4 Beijing Tianyishangjia Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Beijing Tianyishangjia Recent Developments/Updates
  - 7.8.6 Beijing Tianyishangjia Competitive Strengths & Weaknesses
- 7.9 Akebono Brake Industry
  - 7.9.1 Akebono Brake Industry Details

- 7.9.2 Akebono Brake Industry Major Business
- 7.9.3 Akebono Brake Industry Railway Braking System Product and Services
- 7.9.4 Akebono Brake Industry Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Akebono Brake Industry Recent Developments/Updates
- 7.9.6 Akebono Brake Industry Competitive Strengths & Weaknesses
- 7.10 Mitsubishi Electric
  - 7.10.1 Mitsubishi Electric Details
  - 7.10.2 Mitsubishi Electric Major Business
  - 7.10.3 Mitsubishi Electric Railway Braking System Product and Services
  - 7.10.4 Mitsubishi Electric Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Mitsubishi Electric Recent Developments/Updates
  - 7.10.6 Mitsubishi Electric Competitive Strengths & Weaknesses
- 7.11 Hanning Kahl
  - 7.11.1 Hanning Kahl Details
  - 7.11.2 Hanning Kahl Major Business
  - 7.11.3 Hanning Kahl Railway Braking System Product and Services
  - 7.11.4 Hanning Kahl Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Hanning Kahl Recent Developments/Updates
  - 7.11.6 Hanning Kahl Competitive Strengths & Weaknesses
- 7.12 Bosun
  - 7.12.1 Bosun Details
  - 7.12.2 Bosun Major Business
  - 7.12.3 Bosun Railway Braking System Product and Services
  - 7.12.4 Bosun Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Bosun Recent Developments/Updates
  - 7.12.6 Bosun Competitive Strengths & Weaknesses
- 7.13 Guangdong Huatie Tongda
  - 7.13.1 Guangdong Huatie Tongda Details
  - 7.13.2 Guangdong Huatie Tongda Major Business
  - 7.13.3 Guangdong Huatie Tongda Railway Braking System Product and Services
  - 7.13.4 Guangdong Huatie Tongda Railway Braking System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Guangdong Huatie Tongda Recent Developments/Updates
  - 7.13.6 Guangdong Huatie Tongda Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Railway Braking System Industry Chain
- 8.2 Railway Braking System Upstream Analysis
  - 8.2.1 Railway Braking System Core Raw Materials
  - 8.2.2 Main Manufacturers of Railway Braking System Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Railway Braking System Production Mode
- 8.6 Railway Braking System Procurement Model
- 8.7 Railway Braking System Industry Sales Model and Sales Channels
  - 8.7.1 Railway Braking System Sales Model
  - 8.7.2 Railway Braking System Typical Customers

## **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 Railway Braking System Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Railway Braking System Production Value by Region (2018-2023) & (USD Million)

Table 3. World Railway Braking System Production Value by Region (2024-2029) & (USD Million)

Table 4. World Railway Braking System Production Value Market Share by Region (2018-2023)

Table 5. World Railway Braking System Production Value Market Share by Region (2024-2029)

Table 6. World Railway Braking System Production by Region (2018-2023) & (Units)

Table 7. World Railway Braking System Production by Region (2024-2029) & (Units)

Table 8. World Railway Braking System Production Market Share by Region (2018-2023)

Table 9. World Railway Braking System Production Market Share by Region (2024-2029)

Table 10. World Railway Braking System Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Railway Braking System Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Railway Braking System Major Market Trends

Table 13. World Railway Braking System Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Railway Braking System Consumption by Region (2018-2023) & (Units)

Table 15. World Railway Braking System Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Railway Braking System Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Railway Braking System Producers in 2022

Table 18. World Railway Braking System Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key Railway Braking System Producers in 2022

Table 20. World Railway Braking System Average Price by Manufacturer (2018-2023) & (US\$/Unit)

- Table 21. Global Railway Braking System Company Evaluation Quadrant
- Table 22. World Railway Braking System Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Railway Braking System Production Site of Key Manufacturer
- Table 24. Railway Braking System Market: Company Product Type Footprint
- Table 25. Railway Braking System Market: Company Product Application Footprint
- Table 26. Railway Braking System Competitive Factors
- Table 27. Railway Braking System New Entrant and Capacity Expansion Plans
- Table 28. Railway Braking System Mergers & Acquisitions Activity
- Table 29. United States VS China Railway Braking System Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Railway Braking System Production Comparison, (2018 & 2022 & 2029) & (Units)
- Table 31. United States VS China Railway Braking System Consumption Comparison, (2018 & 2022 & 2029) & (Units)
- Table 32. United States Based Railway Braking System Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Railway Braking System Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Railway Braking System Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Railway Braking System Production (2018-2023) & (Units)
- Table 36. United States Based Manufacturers Railway Braking System Production Market Share (2018-2023)
- Table 37. China Based Railway Braking System Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Railway Braking System Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Railway Braking System Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Railway Braking System Production (2018-2023) & (Units)
- Table 41. China Based Manufacturers Railway Braking System Production Market Share (2018-2023)
- Table 42. Rest of World Based Railway Braking System Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Railway Braking System Production

Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Railway Braking System Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Railway Braking System Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Railway Braking System Production Market Share (2018-2023)

Table 47. World Railway Braking System Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Railway Braking System Production by Type (2018-2023) & (Units)

Table 49. World Railway Braking System Production by Type (2024-2029) & (Units)

Table 50. World Railway Braking System Production Value by Type (2018-2023) & (USD Million)

Table 51. World Railway Braking System Production Value by Type (2024-2029) & (USD Million)

Table 52. World Railway Braking System Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Railway Braking System Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Railway Braking System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Railway Braking System Production by Application (2018-2023) & (Units)

Table 56. World Railway Braking System Production by Application (2024-2029) & (Units)

Table 57. World Railway Braking System Production Value by Application (2018-2023) & (USD Million)

Table 58. World Railway Braking System Production Value by Application (2024-2029) & (USD Million)

Table 59. World Railway Braking System Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Railway Braking System Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Knorr Bremse Basic Information, Manufacturing Base and Competitors

Table 62. Knorr Bremse Major Business

Table 63. Knorr Bremse Railway Braking System Product and Services

Table 64. Knorr Bremse Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Knorr Bremse Recent Developments/Updates

- Table 66. Knorr Bremse Competitive Strengths & Weaknesses
- Table 67. Wabtec Basic Information, Manufacturing Base and Competitors
- Table 68. Wabtec Major Business
- Table 69. Wabtec Railway Braking System Product and Services
- Table 70. Wabtec Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Wabtec Recent Developments/Updates
- Table 72. Wabtec Competitive Strengths & Weaknesses
- Table 73. CRRC Basic Information, Manufacturing Base and Competitors
- Table 74. CRRC Major Business
- Table 75. CRRC Railway Braking System Product and Services
- Table 76. CRRC Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. CRRC Recent Developments/Updates
- Table 78. CRRC Competitive Strengths & Weaknesses
- Table 79. Nabtesco Basic Information, Manufacturing Base and Competitors
- Table 80. Nabtesco Major Business
- Table 81. Nabtesco Railway Braking System Product and Services
- Table 82. Nabtesco Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Nabtesco Recent Developments/Updates
- Table 84. Nabtesco Competitive Strengths & Weaknesses
- Table 85. JSC MTZ Transmash Basic Information, Manufacturing Base and Competitors
- Table 86. JSC MTZ Transmash Major Business
- Table 87. JSC MTZ Transmash Railway Braking System Product and Services
- Table 88. JSC MTZ Transmash Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. JSC MTZ Transmash Recent Developments/Updates
- Table 90. JSC MTZ Transmash Competitive Strengths & Weaknesses
- Table 91. Amsted Basic Information, Manufacturing Base and Competitors
- Table 92. Amsted Major Business
- Table 93. Amsted Railway Braking System Product and Services
- Table 94. Amsted Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Amsted Recent Developments/Updates
- Table 96. Amsted Competitive Strengths & Weaknesses
- Table 97. Dako-CZ Basic Information, Manufacturing Base and Competitors



Table 98. Dako-CZ Major Business

Table 99. Dako-CZ Railway Braking System Product and Services

Table 100. Dako-CZ Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Dako-CZ Recent Developments/Updates

Table 102. Dako-CZ Competitive Strengths & Weaknesses

Table 103. Beijing Tianyishangjia Basic Information, Manufacturing Base and Competitors

Table 104. Beijing Tianyishangjia Major Business

Table 105. Beijing Tianyishangjia Railway Braking System Product and Services

Table 106. Beijing Tianyishangjia Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Beijing Tianyishangjia Recent Developments/Updates

Table 108. Beijing Tianyishangjia Competitive Strengths & Weaknesses

Table 109. Akebono Brake Industry Basic Information, Manufacturing Base and Competitors

Table 110. Akebono Brake Industry Major Business

Table 111. Akebono Brake Industry Railway Braking System Product and Services

Table 112. Akebono Brake Industry Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Akebono Brake Industry Recent Developments/Updates

Table 114. Akebono Brake Industry Competitive Strengths & Weaknesses

Table 115. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 116. Mitsubishi Electric Major Business

Table 117. Mitsubishi Electric Railway Braking System Product and Services

Table 118. Mitsubishi Electric Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Mitsubishi Electric Recent Developments/Updates

Table 120. Mitsubishi Electric Competitive Strengths & Weaknesses

Table 121. Hanning Kahl Basic Information, Manufacturing Base and Competitors

Table 122. Hanning Kahl Major Business

Table 123. Hanning Kahl Railway Braking System Product and Services

Table 124. Hanning Kahl Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Hanning Kahl Recent Developments/Updates

Table 126. Hanning Kahl Competitive Strengths & Weaknesses

Table 127. Bosun Basic Information, Manufacturing Base and Competitors

Table 128. Bosun Major Business

Table 129. Bosun Railway Braking System Product and Services

Table 130. Bosun Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Bosun Recent Developments/Updates

Table 132. Guangdong Huatie Tongda Basic Information, Manufacturing Base and Competitors

Table 133. Guangdong Huatie Tongda Major Business

Table 134. Guangdong Huatie Tongda Railway Braking System Product and Services

Table 135. Guangdong Huatie Tongda Railway Braking System Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of Railway Braking System Upstream (Raw Materials)

Table 137. Railway Braking System Typical Customers

Table 138. Railway Braking System Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Railway Braking System Picture

Figure 2. World Railway Braking System Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Railway Braking System Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Railway Braking System Production (2018-2029) & (Units)

Figure 5. World Railway Braking System Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Railway Braking System Production Value Market Share by Region (2018-2029)

Figure 7. World Railway Braking System Production Market Share by Region (2018-2029)

Figure 8. United States Railway Braking System Production (2018-2029) & (Units)

Figure 9. Europe Railway Braking System Production (2018-2029) & (Units)

Figure 10. China Railway Braking System Production (2018-2029) & (Units)

Figure 11. Japan Railway Braking System Production (2018-2029) & (Units)

Figure 12. Russia Railway Braking System Production (2018-2029) & (Units)

Figure 13. Railway Braking System Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Railway Braking System Consumption (2018-2029) & (Units)

Figure 16. World Railway Braking System Consumption Market Share by Region (2018-2029)

Figure 17. United States Railway Braking System Consumption (2018-2029) & (Units)

Figure 18. China Railway Braking System Consumption (2018-2029) & (Units)

Figure 19. Europe Railway Braking System Consumption (2018-2029) & (Units)

Figure 20. Japan Railway Braking System Consumption (2018-2029) & (Units)

Figure 21. South Korea Railway Braking System Consumption (2018-2029) & (Units)

Figure 22. ASEAN Railway Braking System Consumption (2018-2029) & (Units)

Figure 23. India Railway Braking System Consumption (2018-2029) & (Units)

Figure 24. Producer Shipments of Railway Braking System by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Railway Braking System Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Railway Braking System Markets in 2022

Figure 27. United States VS China: Railway Braking System Production Value Market

Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Railway Braking System Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Railway Braking System Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Railway Braking System Production Market Share 2022

Figure 31. China Based Manufacturers Railway Braking System Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Railway Braking System Production Market Share 2022

Figure 33. World Railway Braking System Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Railway Braking System Production Value Market Share by Type in 2022

Figure 35. Air Brake System

Figure 36. Electropneumatic Braking System

Figure 37. World Railway Braking System Production Market Share by Type (2018-2029)

Figure 38. World Railway Braking System Production Value Market Share by Type (2018-2029)

Figure 39. World Railway Braking System Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Railway Braking System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Railway Braking System Production Value Market Share by Application in 2022

Figure 42. Freight

Figure 43. Passenger

Figure 44. High Speed

Figure 45. World Railway Braking System Production Market Share by Application (2018-2029)

Figure 46. World Railway Braking System Production Value Market Share by Application (2018-2029)

Figure 47. World Railway Braking System Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Railway Braking System Industry Chain

Figure 49. Railway Braking System Procurement Model

Figure 50. Railway Braking System Sales Model

Figure 51. Railway Braking System Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Railway Braking System Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GC6CBD280ABDEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC6CBD280ABDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970