

2018 Top 5 Regenerative Braking Systems Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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Regenerative Braking System (RBS) is a mechanism that uses a generator to recover kinetic energy while braking. In conventional vehicles, most of the kinetic energy generated during braking is converted into heat and is dissipated into the environment. RBS helps in converting the generated heat into electrical energy and further store it in an energy storage system such as flywheel, batteries, and ultra-capacitors.

In the last several years, global market of regenerative braking systems developed rapidly, with an average growth rate of 9%. In 2016, global revenue of regenerative braking systems is nearly 699 M USD; the actual consumption is about 2451 K units.

The global average price of regenerative braking systems is in the decreasing trend, from 317 USD/Unit in 2012 to 258 USD/Unit in 2016. With the situation of global economy, prices will be in decreasing trend in the following five years.

The classification of regenerative braking systems includes ESC based system, ABS based system and other type, and the proportion of ESC based system in 2016 is about 89%.

Regenerative braking systems are widely used in HEV, BEV, PHEV and other vehicles. The most proportion of regenerative braking systems is HEV, and the consumption proportion in 2016 is about 69%.

Japan is the largest consumption place, with a consumption market share nearly 39% in

2016. Following Japan, China is the second largest consumption place with the consumption market share of 22%.

Market competition is intense. ADVICS, Bosch, Continental, Hitachi, TRW, etc. are the leaders of the industry, and they hold key technologies and patents, with high-end customers; have been formed in the monopoly position in the industry.

Over the next five years, LPI(LP Information) projects that Regenerative Braking Systems will register a 9.0% CAGR in terms of revenue, reach US\$ 1290 million by 2023, from US\$ 770 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

ADVICS

Bosch

Continental

Hitachi

TRW

APG

Youfin

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

ESC Based System

ABS Based System

Others

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Hybrid Electric Vehicles

Electric Vehicles

Plug-In Hybrid Electric Vehicles

Contents

1 REGENERATIVE BRAKING SYSTEMS MARKET OVERVIEW

- 1.1 Product Overview and Scope of Regenerative Braking Systems
- 1.2 Regenerative Braking Systems Segment by Types
 - 1.2.1 Global Sales Market Share of Regenerative Braking Systems by Types in 2017
 - 1.2.2 ESC Based System
 - 1.2.2.1 Major Players of Type I
 - 1.2.3 ABS Based System
 - 1.2.3.1 Major Players of ABS Based System
 - 1.2.4 Others
 - 1.2.4.1 Major Players of Others
- 1.3 Regenerative Braking Systems Segment by Applications
 - 1.3.1 Regenerative Braking Systems Sales Market Share by Applications in 2017
 - 1.3.2 Hybrid Electric Vehicles
 - 1.3.3 Electric Vehicles
 - 1.3.4 Plug-In Hybrid Electric Vehicles
- 1.4 Regenerative Braking Systems Market by Regions
 - 1.4.1 North America Status and Prospect (2013-2023)
 - 1.4.1.1 North America Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.2 Asia-Pacific Status and Prospect (2013-2023)
 - 1.4.2.1 Asia-Pacific Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.3 Europe Status and Prospect (2013-2023)
 - 1.4.3.1 Europe Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.4 South America Status and Prospect (2013-2023)
 - 1.4.4.1 South America Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.5 Middle East and Africa Status and Prospect (2013-2023)
 - 1.4.5.1 Middle East and Africa Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)
- 1.5 Global Market Size (Value) of Regenerative Braking Systems (2013-2023)

2 GLOBAL REGENERATIVE BRAKING SYSTEMS SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS

- 2.1 Global Regenerative Braking Systems Sales and Market Share by Players in 2016 and 2017
 - 2.1.1 Global Regenerative Braking Systems Sales by Players in 2016 and 2017
 - 2.1.2 Global Regenerative Braking Systems Sales Market Share (%) by Players in 2016 and 2017
- 2.2 Global Regenerative Braking Systems Revenue and Market Share by Players in 2016 and 2017
 - 2.2.1 Global Regenerative Braking Systems Revenue by Players in 2016 and 2017
 - 2.2.2 Global Regenerative Braking Systems Revenue Market Share (%) by Players in 2016 and 2017
- 2.3 Global Regenerative Braking Systems Average Price by Players in 2016 and 2017
- 2.4 Global Regenerative Braking Systems Manufacturing Base Distribution, Sales Area, Product Types by Players
 - 2.4.1 Global Regenerative Braking Systems Manufacturing Base Distribution and Sales Area by Players
 - 2.4.2 Players Regenerative Braking Systems Product Types
- 2.5 Regenerative Braking Systems Market Competitive Situation and Trends
 - 2.5.1 Regenerative Braking Systems Market Concentration Rate
 - 2.5.2 Regenerative Braking Systems Market Share of Top 3 and Top 5 Players
 - 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL REGENERATIVE BRAKING SYSTEMS SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)

- 3.1 Global Regenerative Braking Systems Sales, Revenue and Market Share by Regions (2013-2018)
 - 3.1.1 Global Regenerative Braking Systems Sales and Market Share by Regions (2013-2018)
 - 3.1.2 Global Regenerative Braking Systems Revenue and Market Share by Regions (2013-2018)
- 3.2 Global Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)
 - 3.2.1 Global Regenerative Braking Systems Sales and Market Share by Type (2013-2018)
 - 3.2.2 Global Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)
 - 3.2.3 Global Regenerative Braking Systems Price by Type (2013-2018)
- 3.3 Global Regenerative Braking Systems Sales and Market Share by Application (2013-2018)

- 3.3.1 Global Regenerative Braking Systems Sales by Application (2013-2018)
- 3.3.2 Global Regenerative Braking Systems Sales Market Share by Application (2013-2018)
- 3.4 Global Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

4 NORTH AMERICA TOP 5 PLAYERS REGENERATIVE BRAKING SYSTEMS SALES, REVENUE AND PRICE

- 4.1 North America Top 5 Players Regenerative Braking Systems Sales, Revenue and Market Share in 2016 and 2017
 - 4.1.1 North America Top 5 Players Regenerative Braking Systems Sales and Market Share in 2016 and 2017
 - 4.1.2 North America Top 5 Players Regenerative Braking Systems Revenue and Market Share in 2016 and 2017
- 4.2 North America Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)
 - 4.2.1 North America Regenerative Braking Systems Sales and Market Share by Type (2013-2018)
 - 4.2.1.1 North America Regenerative Braking Systems Sales by Type (2013-2018)
 - 4.2.1.2 North America Regenerative Braking Systems Sales Market Share by Type (2013-2018)
 - 4.2.2 North America Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)
 - 4.2.2.1 North America Regenerative Braking Systems Revenue by Type (2013-2018)
 - 4.2.2.2 North America Regenerative Braking Systems Revenue Market Share by Type (2013-2018)
 - 4.2.3 North America Regenerative Braking Systems Price by Type (2013-2018)
- 4.3 North America Regenerative Braking Systems Sales and Market Share by Application (2013-2018)
 - 4.3.1 North America Regenerative Braking Systems Sales by Application (2013-2018)
 - 4.3.2 North America Regenerative Braking Systems Sales Market Share by Application (2013-2018)
- 4.4 North America Regenerative Braking Systems Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)
 - 4.4.1 North America Regenerative Braking Systems Sales by Country (2013-2018)
 - 4.4.2 North America Regenerative Braking Systems Sales Market Share by Country (2013-2018)
- 4.5 North America Regenerative Braking Systems Import & Export (2013-2018)

5 EUROPE TOP 5 PLAYERS REGENERATIVE BRAKING SYSTEMS SALES, REVENUE AND PRICE

5.1 Europe Top 5 Players Regenerative Braking Systems Sales, Revenue and Market Share in 2016 and 2017

5.1.1 Europe Top 5 Players Regenerative Braking Systems Sales and Market Share in 2016 and 2017

5.1.2 Europe Top 5 Players Regenerative Braking Systems Revenue and Market Share in 2016 and 2017

5.2 Europe Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)

5.2.1 Europe Regenerative Braking Systems Sales and Market Share by Type (2013-2018)

5.2.1.1 Europe Regenerative Braking Systems Sales by Type (2013-2018)

5.2.1.2 Europe Regenerative Braking Systems Sales Market Share by Type (2013-2018)

5.2.2 Europe Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)

5.2.2.1 Europe Regenerative Braking Systems Revenue by Type (2013-2018)

5.2.2.2 Europe Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

5.2.3 Europe Regenerative Braking Systems Price by Type (2013-2018)

5.3 Europe Regenerative Braking Systems Sales and Market Share by Application (2013-2018)

5.3.1 Europe Regenerative Braking Systems Sales by Application (2013-2018)

5.3.2 Europe Regenerative Braking Systems Sales Market Share by Application (2013-2018)

5.4 Europe Regenerative Braking Systems Sales and Market Share by Country (Germany, UK, France, Italy and Russia) (2013-2018)

5.4.1 Europe Regenerative Braking Systems Sales by Country (2013-2018)

5.4.2 Europe Regenerative Braking Systems Sales Market Share by Country (2013-2018)

5.5 Europe Regenerative Braking Systems Import & Export (2013-2018)

6 ASIA-PACIFIC TOP 5 PLAYERS REGENERATIVE BRAKING SYSTEMS SALES, REVENUE AND PRICE

6.1 Asia-Pacific Top 5 Players Regenerative Braking Systems Sales, Revenue and

Market Share in 2016 and 2017

6.1.1 Asia-Pacific Top 5 Players Regenerative Braking Systems Sales and Market Share in 2016 and 2017

6.1.2 Asia-Pacific Top 5 Players Regenerative Braking Systems Revenue and Market Share in 2016 and 2017

6.2 Asia-Pacific Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)

6.2.1 Asia-Pacific Regenerative Braking Systems Sales and Market Share by Type (2013-2018)

6.2.1.1 Asia-Pacific Regenerative Braking Systems Sales by Type (2013-2018)

6.2.1.2 Asia-Pacific Regenerative Braking Systems Sales Market Share by Type (2013-2018)

6.2.2 Asia-Pacific Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)

6.2.3 Asia-Pacific Regenerative Braking Systems Price by Type (2013-2018)

6.3 Asia-Pacific Regenerative Braking Systems Sales and Market Share by Application (2013-2018)

6.3.1 Asia-Pacific Regenerative Braking Systems Sales by Application (2013-2018)

6.3.2 Asia-Pacific Regenerative Braking Systems Sales Market Share by Application (2013-2018)

6.4 Asia-Pacific Regenerative Braking Systems Sales and Market Share by Country (China, Japan, Southeast Asia, India, Korea and Australia) (2013-2018)

6.4.1 Asia-Pacific Regenerative Braking Systems Sales by Country (2013-2018)

6.4.2 Asia-Pacific Regenerative Braking Systems Sales Market Share by Country (2013-2018)

6.5 Asia-Pacific Regenerative Braking Systems Import & Export (2013-2018)

7 SOUTH AMERICA TOP 5 PLAYERS REGENERATIVE BRAKING SYSTEMS SALES, REVENUE AND PRICE

7.1 South America Top 5 Players Regenerative Braking Systems Sales, Revenue and Market Share in 2016 and 2017

7.1.1 South America Top 5 Players Regenerative Braking Systems Sales and Market Share in 2016 and 2017

7.1.2 South America Top 5 Players Regenerative Braking Systems Revenue and Market Share in 2016 and 2017

7.2 South America Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)

7.2.1 South America Regenerative Braking Systems Sales and Market Share by Type

(2013-2018)

7.2.1.1 South America Regenerative Braking Systems Sales by Type (2013-2018)

7.2.1.2 South America Regenerative Braking Systems Sales Market Share by Type (2013-2018)

7.2.2 South America Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)

7.2.2.1 South America Regenerative Braking Systems Revenue by Type (2013-2018)

7.2.2.2 South America Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)

7.2.3 South America Regenerative Braking Systems Price by Type (2013-2018)

7.3 South America Regenerative Braking Systems Sales and Market Share by Application (2013-2018)

7.3.1 South America Regenerative Braking Systems Sales by Application (2013-2018)

7.3.2 South America Regenerative Braking Systems Sales Market Share by Application (2013-2018)

7.4 South America Regenerative Braking Systems Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)

7.4.1 South America Regenerative Braking Systems Sales by Country (2013-2018)

7.4.2 South America Regenerative Braking Systems Sales Market Share by Country (2013-2018)

7.5 South America Regenerative Braking Systems Import & Export (2013-2018)

8 MIDDLE EAST & AFRICA TOP 5 PLAYERS REGENERATIVE BRAKING SYSTEMS SALES, REVENUE AND PRICE

8.1 Middle East & Africa Top 5 Players Regenerative Braking Systems Sales, Revenue and Market Share in 2016 and 2017

8.1.1 Middle East & Africa Top 5 Players Regenerative Braking Systems Sales and Market Share in 2016 and 2017

8.1.2 Middle East & Africa Top 5 Players Regenerative Braking Systems Revenue and Market Share in 2016 and 2017

8.2 Middle East & Africa Regenerative Braking Systems Sales, Revenue, Market Share and Price by Type (2013-2018)

8.2.1 Middle East & Africa Regenerative Braking Systems Sales and Market Share by Type (2013-2018)

8.2.1.1 Middle East & Africa Regenerative Braking Systems Sales by Type (2013-2018)

8.2.1.2 Middle East & Africa Regenerative Braking Systems Sales Market Share by Type (2013-2018)

8.2.2 Middle East & Africa Regenerative Braking Systems Revenue and Market Share by Type (2013-2018)

8.2.2.1 Middle East & Africa Regenerative Braking Systems Revenue by Type (2013-2018)

8.2.2.2 Middle East & Africa Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

8.2.3 Middle East & Africa Regenerative Braking Systems Price by Type (2013-2018)

8.3 Middle East & Africa Regenerative Braking Systems Sales and Market Share by Application (2013-2018)

8.3.1 Middle East & Africa Regenerative Braking Systems Sales by Application (2013-2018)

8.3.2 Middle East & Africa Regenerative Braking Systems Sales Market Share by Application (2013-2018)

8.4 Middle East & Africa Regenerative Braking Systems Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)

8.4.1 Middle East & Africa Regenerative Braking Systems Sales by Country (2013-2018)

8.4.2 Middle East & Africa Regenerative Braking Systems Sales Market Share by Country (2013-2018)

8.5 Middle East & Africa Regenerative Braking Systems Import & Export (2013-2018)

9 GLOBAL REGENERATIVE BRAKING SYSTEMS PLAYERS PROFILES/ANALYSIS

9.1 ADVICS

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.1.2 Regenerative Braking Systems Product Types, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 ADVICS Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

9.1.5 ADVICS News

9.2 Bosch

9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.2.2 Regenerative Braking Systems Product Types, Application and Specification

9.2.2.1 Product A

9.2.2.2 Product B

9.2.3 Bosch Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.2.4 Main Business/Business Overview

9.2.5 Bosch News

9.3 Continental

9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.3.2 Regenerative Braking Systems Product Types, Application and Specification

9.3.2.1 Product A

9.3.2.2 Product B

9.3.3 Continental Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.3.4 Main Business/Business Overview

9.3.5 Continental News

9.4 Hitachi

9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.4.2 Regenerative Braking Systems Product Types, Application and Specification

9.4.2.1 Product A

9.4.2.2 Product B

9.4.3 Hitachi Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.4.4 Main Business/Business Overview

9.4.5 Hitachi News

9.5 TRW

9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.5.2 Regenerative Braking Systems Product Types, Application and Specification

9.5.2.1 Product A

9.5.2.2 Product B

9.5.3 TRW Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.5.4 Main Business/Business Overview

9.5.5 TRW News

9.6 APG

9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.6.2 Regenerative Braking Systems Product Types, Application and Specification

9.6.2.1 Product A

9.6.2.2 Product B

9.6.3 APG Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.6.4 Main Business/Business Overview

9.6.5 APG News

9.7 Youfin

9.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.7.2 Regenerative Braking Systems Product Types, Application and Specification

9.7.2.1 Product A

9.7.2.2 Product B

9.7.3 Youfin Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

9.7.4 Main Business/Business Overview

9.7.5 Youfin News

10 GLOBAL REGENERATIVE BRAKING SYSTEMS MARKET FORECAST (2018-2023)

10.1 Global Regenerative Braking Systems Sales, Revenue Forecast (2018-2023)

10.2 Global Regenerative Braking Systems Sales, Consumption Forecast by Regions (2018-2023)

10.2.1 Global Regenerative Braking Systems Sales Forecast by Regions (2018-2023)

10.2.2 Global Regenerative Braking Systems Sales Market Share Forecast by Regions (2018-2023)

10.3 Global Regenerative Braking Systems Sales and Market Share Forecast by Type (2018-2023)

10.3.1 Global Regenerative Braking Systems Sales Forecast by Type (2018-2023)

10.3.2 Global Regenerative Braking Systems Sales Market Share Forecast by Type (2018-2023)

10.4 Global Regenerative Braking Systems Sales and Market Share Forecast by Application (2018-2023)

10.4.1 Global Regenerative Braking Systems Sales Forecast by Application (2018-2023)

10.4.2 Global Regenerative Braking Systems Sales Market Share Forecast by Application (2018-2023)

10.5 Regenerative Braking Systems Price Forecast (2018-2023)

11 REGENERATIVE BRAKING SYSTEMS MANUFACTURING COST ANALYSIS

11.1 Regenerative Braking Systems Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of Regenerative Braking Systems

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

12.1 Regenerative Braking Systems Industrial Chain Analysis

12.2 Upstream Raw Materials Sourcing

12.3 Raw Materials Sources of Regenerative Braking Systems Major Players in 2017

12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

13.1 Marketing Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Development Trend

13.2 Market Positioning

13.2.1 Pricing Strategy

13.2.2 Brand Strategy

13.2.3 Target Client

13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

14.1 Technology Progress/Risk

14.1.1 Substitutes Threat

14.1.2 Technology Progress in Related Industry

14.2 Consumer Needs/Customer Preference Change

14.3 Economic/Political Environmental Change

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Regenerative Braking Systems

Table Product Specifications of Regenerative Braking Systems

Figure Global Sales Market Share of Regenerative Braking Systems by Types in 2017

Figure Product Picture of ESC Based System

Table Major Players of ESC Based System

Figure Product Picture of ABS Based System

Table Major Players of ABS Based System

Figure Product Picture of Others

Table Major Players of Others

Figure Regenerative Braking Systems Sales Market Share by Applications in 2017

Table Applications of Regenerative Braking Systems

Figure Electric Vehicles Examples

Figure Plug-In Hybrid Electric Vehicles Examples

Figure North America Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Regenerative Braking Systems Revenue (Million USD) and Growth Rate (2013-2023)

Table Global Regenerative Braking Systems Sales by Players in 2016 and 2017

Table Global Regenerative Braking Systems Sales Market Share (%) by Players in 2016 and 2017

Figure Global Regenerative Braking Systems Sales Market Share by Players in 2016

Figure Global Regenerative Braking Systems Sales Market Share by Players in 2017

Table Global Regenerative Braking Systems Revenue by Players in 2016 and 2017

Table Global Regenerative Braking Systems Revenue Market Share (%) by Players in 2016 and 2017

Figure Global Regenerative Braking Systems Revenue Market Share by Players in 2016

Figure Global Regenerative Braking Systems Revenue Market Share by Players in 2017

Table Global Regenerative Braking Systems Average Price by Players in 2016 and 2017

Figure Global Regenerative Braking Systems Average Price by Players in 2017

Table Global Regenerative Braking Systems Manufacturing Base Distribution and Sales Area by Players

Table Players Regenerative Braking Systems Product Types

Figure Regenerative Braking Systems Market Share of Top 3 Players

Figure Regenerative Braking Systems Market Share of Top 5 Players

Table Global Regenerative Braking Systems Sales by Regions (2013-2018)

Table Global Regenerative Braking Systems Sales Market Share by Regions (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Regions (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Regions in 2017

Table Global Regenerative Braking Systems Revenue by Regions (2013-2018)

Table Global Regenerative Braking Systems Revenue Market Share by Regions (2013-2018)

Figure Global Regenerative Braking Systems Revenue Market Share by Regions (2013-2018)

Figure Global Regenerative Braking Systems Revenue Market Share by Regions in 2017

Table Global Regenerative Braking Systems Sales by Type (2013-2018)

Table Global Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Type in 2017

Table Global Regenerative Braking Systems Revenue by Type (2013-2018)

Table Global Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Global Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Global Regenerative Braking Systems Revenue Market Share by Type in 2017

Table Global Regenerative Braking Systems Price by Type (2013-2018)

Table Global Regenerative Braking Systems Sales by Application (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Application in 2017

Table Global Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure Global Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Table Global Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Table North America Top 5 Players Regenerative Braking Systems Sales in 2016 and 2017

Table North America Top 5 Players Regenerative Braking Systems Sales Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Regenerative Braking Systems Sales Share in 2016

Figure North America Top 5 Players Regenerative Braking Systems Sales Share in 2017

Table North America Top 5 Players Regenerative Braking Systems Revenue in 2016 and 2017

Table North America Top 5 Players Regenerative Braking Systems Revenue Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Regenerative Braking Systems Revenue Share in 2016

Figure North America Top 5 Players Regenerative Braking Systems Revenue Share in 2017

Table North America Regenerative Braking Systems Sales by Type (2013-2018)

Figure 2017 North America Regenerative Braking Systems Sales Market Share by Type

Table North America Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure North America Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Table North America Regenerative Braking Systems Revenue by Type (2013-2018)

Figure North America Regenerative Braking Systems Revenue Market Share by Type in 2017

Table North America Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure North America Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Table North America Regenerative Braking Systems Price by Type (2013-2018)

Table North America Regenerative Braking Systems Sales by Application (2013-2018)

Figure North America Regenerative Braking Systems Sales by Application in 2017

Table North America Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure North America Regenerative Braking Systems Sales Market Share by

Application (2013-2018)

Table North America Regenerative Braking Systems Sales by Country (2013-2018)

Figure 2017 North America Regenerative Braking Systems Sales Market Share by Country

Table North America Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Figure North America Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Table North America Regenerative Braking Systems Import & Export (2013-2018)

Table Europe Top 5 Players Regenerative Braking Systems Sales in 2016 and 2017

Table Europe Top 5 Players Regenerative Braking Systems Sales Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Regenerative Braking Systems Sales Share in 2016

Figure Europe Top 5 Players Regenerative Braking Systems Sales Share in 2017

Table Europe Top 5 Players Regenerative Braking Systems Revenue in 2016 and 2017

Table Europe Top 5 Players Regenerative Braking Systems Revenue Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players Regenerative Braking Systems Revenue Share in 2016

Figure Europe Top 5 Players Regenerative Braking Systems Revenue Share in 2017

Table Europe Regenerative Braking Systems Sales by Type (2013-2018)

Figure 2017 Europe Regenerative Braking Systems Sales Market Share by Type

Table Europe Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure Europe Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Table Europe Regenerative Braking Systems Revenue by Type (2013-2018)

Figure Europe Regenerative Braking Systems Revenue Market Share by Type in 2017

Table Europe Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Europe Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Table Europe Regenerative Braking Systems Price by Type (2013-2018)

Table Europe Regenerative Braking Systems Sales by Application (2013-2018)

Figure Europe Regenerative Braking Systems Sales Market Share by Application in 2017

Table Europe Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure Europe Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Table Europe Regenerative Braking Systems Sales by Country (2013-2018)

Figure Europe Regenerative Braking Systems Sales Market Share by Country in 2017

Table Europe Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Figure Europe Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Table Europe Regenerative Braking Systems Import & Export (2013-2018)

Table Asia-Pacific Top 5 Players Regenerative Braking Systems Sales in 2016 and 2017

Table Asia-Pacific Top 5 Players Regenerative Braking Systems Sales Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Regenerative Braking Systems Sales Share in 2016

Figure Asia-Pacific Top 5 Players Regenerative Braking Systems Sales Share in 2017

Table Asia-Pacific Top 5 Players Regenerative Braking Systems Revenue in 2016 and 2017

Table Asia-Pacific Top 5 Players Regenerative Braking Systems Revenue Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Regenerative Braking Systems Revenue Share in 2016

Figure Asia-Pacific Top 5 Players Regenerative Braking Systems Revenue Share in 2017

Table Asia-Pacific Regenerative Braking Systems Sales by Type (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales Market Share by Type in 2017

Table Asia-Pacific Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Table Asia-Pacific Regenerative Braking Systems Revenue by Type (2013-2018)

Table Asia-Pacific Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Revenue Market Share by Type in 2017

Table Asia-Pacific Regenerative Braking Systems Price by Type (2013-2018)

Table Asia-Pacific Regenerative Braking Systems Sales by Application (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales by Application in 2017

Table Asia-Pacific Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Table Asia-Pacific Regenerative Braking Systems Sales by Country (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales Market Share by Country in 2017

Table Asia-Pacific Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Figure Asia-Pacific Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Table Asia-Pacific Regenerative Braking Systems Import & Export (2013-2018)

Table South America Top 5 Players Regenerative Braking Systems Sales in 2016 and 2017

Table South America Top 5 Players Regenerative Braking Systems Sales Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Regenerative Braking Systems Sales Share in 2016

Figure South America Top 5 Players Regenerative Braking Systems Sales Share in 2017

Table South America Top 5 Players Regenerative Braking Systems Revenue in 2016 and 2017

Table South America Top 5 Players Regenerative Braking Systems Revenue Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Regenerative Braking Systems Revenue Share in 2016

Figure South America Top 5 Players Regenerative Braking Systems Revenue Share in 2017

Table South America Regenerative Braking Systems Sales by Type (2013-2018)

Figure South America Regenerative Braking Systems Sales by Type in 2017

Table South America Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure South America Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Table South America Regenerative Braking Systems Revenue by Type (2013-2018)

Figure South America Regenerative Braking Systems Revenue by Type in 2017

Table South America Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure South America Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Table South America Regenerative Braking Systems Price by Type (2013-2018)

Table South America Regenerative Braking Systems Sales by Application (2013-2018)

Figure South America Regenerative Braking Systems Sales by Application in 2017

Table South America Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure South America Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Table South America Regenerative Braking Systems Sales by Country (2013-2018)

Figure South America Regenerative Braking Systems Sales by Country in 2017

Table South America Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Figure South America Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Table South America Regenerative Braking Systems Import & Export (2013-2018)

Table Middle East & Africa Top 5 Players Regenerative Braking Systems Sales in 2016 and 2017

Table Middle East & Africa Top 5 Players Regenerative Braking Systems Sales Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Regenerative Braking Systems Sales Share in 2016

Figure Middle East & Africa Top 5 Players Regenerative Braking Systems Sales Share in 2017

Table Middle East & Africa Top 5 Players Regenerative Braking Systems Revenue in 2016 and 2017

Table Middle East & Africa Top 5 Players Regenerative Braking Systems Revenue Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Regenerative Braking Systems Revenue Share in 2016

Figure Middle East & Africa Top 5 Players Regenerative Braking Systems Revenue Share in 2017

Table Middle East & Africa Regenerative Braking Systems Sales by Type (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales by Type in 2017

Table Middle East & Africa Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales Market Share by Type (2013-2018)

Table Middle East & Africa Regenerative Braking Systems Revenue by Type (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Revenue by Type in 2017

Table Middle East & Africa Regenerative Braking Systems Revenue Market Share by Type (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Revenue Market Share by

Type (2013-2018)

Table Middle East & Africa Regenerative Braking Systems Price by Type (2013-2018)

Table Middle East & Africa Regenerative Braking Systems Sales by Application (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales by Application in 2017

Table Middle East & Africa Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales Market Share by Application (2013-2018)

Table Middle East & Africa Regenerative Braking Systems Sales by Country (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales by Country in 2017

Table Middle East & Africa Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Figure Middle East & Africa Regenerative Braking Systems Sales Market Share by Country (2013-2018)

Table Middle East & Africa Regenerative Braking Systems Import & Export (2013-2018)

Table ADVICS Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ADVICS Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure ADVICS Regenerative Braking Systems Market Share (2013-2018)

Table Bosch Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Bosch Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Bosch Regenerative Braking Systems Market Share (2013-2018)

Table Continental Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Continental Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Continental Regenerative Braking Systems Market Share (2013-2018)

Table Hitachi Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hitachi Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Hitachi Regenerative Braking Systems Market Share (2013-2018)

Table TRW Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table TRW Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure TRW Regenerative Braking Systems Market Share (2013-2018)

Table APG Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table APG Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure APG Regenerative Braking Systems Market Share (2013-2018)

Table Youfin Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Youfin Regenerative Braking Systems Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Youfin Regenerative Braking Systems Market Share (2013-2018)

Figure Global Regenerative Braking Systems Sales and Growth Rate Forecast (2018-2023)

Figure Global Regenerative Braking Systems Revenue and Growth Rate Forecast (2018-2023)

Table Global Regenerative Braking Systems Sales Forecast by Regions (2018-2023)

Table Global Regenerative Braking Systems Sales Market Share Forecast by Regions (2018-2023)

Table Global Regenerative Braking Systems Sales Forecast by Type (2018-2023)

Table Global Regenerative Braking Systems Sales Market Share Forecast by Type (2018-2023)

Table Global Regenerative Braking Systems Sales Forecast by Application (2018-2023)

Table Global Regenerative Braking Systems Sales Market Share Forecast by Application (2018-2023)

Table Sales Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Regenerative Braking Systems

Figure Manufacturing Process Analysis of Regenerative Braking Systems

Figure Regenerative Braking Systems Industrial Chain Analysis

Table Raw Materials Sources of Regenerative Braking Systems Major Players in 2017

Table Major Buyers of Regenerative Braking Systems

Table Distributors/Traders List

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