+44 20 8123 2220
info@marketpublishers.com

Automotive Brake System Market By Geography, Brake Type (Disc, Drum), Vehicle Type (Passenger Cars, Light & Heavy Commercial, Two Wheelers) & Technology (Electronically Assisted & Others) — Global Trends & Forecast to 2018

https://marketpublishers.com/r/A5ED85EA7C5EN.html
Date: April 2013
Pages: 390
Price: US$ 4,650.00 (Single User License)
ID: A5ED85EA7C5EN

Abstracts

Automotive brakes have evolved from simple wooden block brakes which were used in steel rimmed wheels, to the modern day disc and drum brakes with electronic assistance. The key function of brakes in automobiles is to slow down or stop the vehicle in motion. A majority of the brakes used in automobiles are of friction types, in which the brakes use friction to slow down the vehicle. In this, brakes convert the kinetic energy of the moving wheels to heat energy via friction, which is then dissipated into the atmosphere. Apart from friction, another type of brake is the electromagnetic or electro-mechanical brakes. These use electromagnetic force to apply mechanical resistance. Electromagnetic brakes are popularly used in trains and trams. However, recent designs have increased the possibility of using electromagnetic brakes in aircraft, to reduce the wear and tear on the tires with regenerative braking (energy recovery mechanism). As discussed earlier, since a majority of the automobiles use friction brakes, the scope of this study is confined to disc and drum brakes, which are the two types of friction brakes. In drum brakes, the friction is caused by brake shoes, whereas in disc brakes, the friction material is called brake pads. In addition to the key function of slowing down the vehicle (deceleration), automotive brakes also deal with the absorption of kinetic energy. Modern brakes are associated with electronic assistance and hence, are known as electronic brake systems (EBS) as a whole. An EBS is composed of any of the functions such as Anti-lock brake system (ABS), electronic stability program (ESP), electronic brakeforce distribution (EBD), traction control system (TCS), etc. With all these electronic assistance functions, modern automotive brakes are not limited to deceleration only, but they also play an important role in the driver's

+44 20 8123 2220
info@marketpublishers.com

assistance and safety. Increasing national and international regulations towards vehicle safety, regulations for vehicle stopping distance, and changing customer orientation in the direction of personal safety, would

+44 20 8123 2220
info@marketpublishers.com

Contents

1 INTRODUCTION

1.1 KEY TAKE-AWAYS
1.2 REPORT DESCRIPTION
1.2.1 REPORT CATALYST
1.2.1.1 No brakes on brakes market
1.2.2 REPORT STRUCTURE
1.2.2.1 Brakes market by geography, vehicle type & technology
1.3 A GLANCE AT THE MARKETS COVERED
1.3.1 BY GEOGRAPHY
1.3.1.1 Asia-Pacific
1.3.1.2 Europe
1.3.1.3 North America
1.3.1.4 ROW
1.3.2 BY VEHICLE TYPES
1.3.2.1 Passenger cars
1.3.2.2 Light commercial vehicles
1.3.2.3 Heavy commercial vehicles
1.3.3 TWO WHEELERS
1.3.3.1 Asia-Pacific
1.3.3.2 Europe
1.3.3.3 North America
1.3.3.4 ROW
1.3.4 BY BRAKE TYPES
1.3.4.1 Disc brakes
1.3.4.2 Drum brakes
1.3.5 BY TECHNOLOGY
1.3.5.1 Electronic brake system
1.3.5.2 Non–electronic brake system
1.4 STAKEHOLDERS
1.5 RESEARCH METHODOLOGY
1.5.1 MARKET SIZE
1.5.1.1 Methodology
1.5.2 KEY DATA POINTS TAKEN FROM SECONDARY SOURCES
1.5.3 KEY DATA POINTS TAKEN FROM PRIMARY SOURCES
1.5.4 ASSUMPTIONS

2 EXECUTIVE SUMMARY

2.1 ASIA-PACIFIC REGION TO OUTLINE THE FUTURE OF AUTOMOTIVE BRAKE MARKET
2.2 BRAKE MARKET GROWTH RIDING ON THE PASSENGER CAR SEGMENT
2.3 ROBUST MARKET CONDITIONS FOR DISC BRAKES
2.4 BUYER'S PREFERENCE: VEHICLES WITH ELECTRONIC BRAKES ASSISTANCE

3 PREMIUM INSIGHTS

3.1 AUTOMOTIVE BRAKES: SCOPE OF THE REPORT & MARKET VOLUME SHARES, 2013
3.2 AUTOMOTIVE BRAKES MARKET OVERVIEW ACROSS REGIONS
3.3 AUTOMOTIVE BRAKE MARKET EXPLAINED WITH VEHICLE TYPES
3.4 AUTOMOTIVE BRAKE MARKET, BY BRAKE TYPES
3.5 AUTOMOTIVE DRUM BRAKE MARKET
3.6 AUTOMOTIVE DISC BRAKE MARKET
3.7 TECHNOLOGY TRENDS IN THE AUTOMOTIVE BRAKES MARKET

4 MARKET OVERVIEW

4.1 INTRODUCTION
4.2 MARKET DYNAMICS
  4.2.1 DRIVERS
    4.2.1.1 Recovering trends in the automobile industry
    4.2.1.2 Rising concerns for vehicle safety
  4.2.2 RESTRAINTS
    4.2.2.1 Specialized maintenance required for electronically assisted brakes
    4.2.2.2 Unstable raw material prices
  4.2.3 OPPORTUNITIES
    4.2.3.1 Green brakes for environmental safety
    4.2.3.2 Low penetration rates of regenerative brakes
4.3 BURNING ISSUES
  4.3.1 IS ABS A LIFE-SAVING INNOVATION?
  4.3.2 DEPENDENCY OVER GLOBAL AUTOMOBILE PRODUCTION
4.4 WINNING IMPERATIVES
  4.4.1 COLLABORATIVE PRODUCT DEVELOPMENT TO MEET THE DIVERSIFIED PRODUCT LINE-UP

4.4.2 LOW COST PRODUCT DEVELOPMENT
4.5 COMPONENTS OF FOUNDATION BRAKES
4.5.1 DISC BRAKES
4.5.2 COMPONENTS OF A DISC BRAKE
4.5.2.1 Disc Rotor
4.5.2.2 Brake Pads
4.5.2.3 Calipers
4.5.3 DRUM BRAKES
4.5.4 COMPONENTS OF A DRUM BRAKE
4.5.4.1 Brake Drum
4.5.4.2 Brake Shoes
4.5.4.3 Back Plate
4.6 TECHNOLOGY ROADMAP
4.6.1 WOODEN BLOCK BRAKES TO MODERN ELECTRICALLY ASSISTED BRAKES
4.7 PORTER'S FIVE FORCE ANALYSIS
4.7.1 THREAT OF NEW ENTRANTS
4.7.2 SUPPLIER'S POWER
4.7.3 THREAT OF SUBSTITUTES
4.7.4 BUYER'S POWER
4.7.5 DEGREE OF COMPETITION
4.8 VALUE CHAIN
4.9 PATENT ANALYSIS
4.9.1 BY REGION
4.9.1.1 Highest number of patents registered in U.S.
4.9.1.2 Rising trend in U.S. patent registrations
4.9.1.3 Patent analysis for U.S.
4.10 MARKET SHARE ANALYSIS
4.10.1 AUTOMOTIVE BRAKE MANUFACTURER COMPANIES
4.10.2 COMPANY'S RELATIVE MARKET POSITION, BY GEOGRAPHY
4.10.3 AUTOMOBILE COMPANIES
4.10.3.1 Passenger cars
4.10.3.2 Light commercial vehicles
4.10.3.3 Heavy Trucks/Buses/Coaches

5 GLOBAL AUTOMOTIVE BRAKE MARKET, BY GEOGRAPHY

5.1 INTRODUCTION
5.2 MARKET BY GEOGRAPHY

5.2.1 MARKET VOLUME ESTIMATES, BY GEOGRAPHY
5.2.1.1 Global brake market to grow at substantial rate
5.2.2 MARKET REVENUE ESTIMATES, BY GEOGRAPHY
5.2.2.1 Asia-Pacific to witness more than 50% revenue generation from automotive brakes, by 2018
5.2.3 ASIA-PACIFIC
5.2.3.1 China and India to drive the future growth in the brakes market
5.2.3.2 By countries
5.2.3.2.1 China
5.2.3.2.2 India
5.2.3.2.3 Japan
5.2.3.3 Market volume estimates, by countries
5.2.3.4 Market revenue estimates, by countries
5.2.3.5 Market volume estimates, by vehicle types
5.2.3.6 Market revenue estimates, by vehicle types
5.2.4 EUROPE
5.2.4.1 Germany to lead the market by volume, and Russia by growth rate
5.2.4.2 By countries
5.2.4.2.1 Germany
5.2.4.2.2 France
5.2.4.2.3 Russia
5.2.4.3 Market volume estimates, by countries
5.2.4.4 Market revenue estimates, by countries
5.2.4.5 Market volume estimates, by vehicle types
5.2.4.6 Market revenue estimates, by vehicle types
5.2.5 NORTH AMERICA
5.2.5.1 U.S.: High volume & high growth market
5.2.5.2 By countries
5.2.5.2.1 U.S.
5.2.5.2.2 Mexico
5.2.5.2.3 Canada
5.2.5.3 Market volume estimates, by countries
5.2.5.4 Market revenue estimates, by countries
5.2.5.5 Market volume estimates, by vehicle types
5.2.5.6 Market revenue estimates, by vehicle types
5.2.6 ROW
5.2.6.1 Brazil to lose the market share in ROW region
5.2.6.2 By countries
5.2.6.2.1 Brazil

5.2.6.2.2 South Africa
5.2.6.3 Market volume estimates, by countries
5.2.6.4 Market revenue estimates, by countries
5.2.6.5 Market volume estimates, by vehicle types
5.2.6.6 Market revenue estimates, by vehicle types

6 GLOBAL AUTOMOTIVE BRAKE MARKET, BY VEHICLE TYPES

6.1 INTRODUCTION
6.2 TYPES OF VEHICLES
6.2.1 PASSENGER CARS: MOST POPULAR & FASTEST GROWING VEHICLE SEGMENT
6.2.1.1 Market volume estimates, by vehicle types
6.2.1.2 Market revenue estimates, by vehicle types
6.2.2 BRAKES IN PASSENGER CAR SEGMENT
6.2.2.1 Asia-Pacific: The growth continues
6.2.2.2 Market volume estimates, by geography
6.2.2.3 Market revenue estimates, by geography
6.2.2.4 Market estimates, by countries
6.2.2.4.1 Asia-Pacific: Market volume estimates, by countries
6.2.2.4.2 Asia-Pacific: Market revenue estimates, by countries
6.2.2.4.3 Europe: Market volume estimates, by countries
6.2.2.4.4 Europe: Market revenue estimates, by countries
6.2.2.4.5 North America: Market volume estimates, by countries
6.2.2.4.6 North America: Market revenue estimates, by countries
6.2.2.4.7 ROW: Market volume estimates, by countries
6.2.2.4.8 ROW: Market revenue estimates, by countries
6.2.3 BRAKES IN LIGHT COMMERCIAL VEHICLE (LCVS) SEGMENT
6.2.3.1 All roads lead to North America
6.2.3.2 Market volume estimates, by geography
6.2.3.3 Market revenue estimates, by geography
6.2.3.4 Market estimates, by countries
6.2.3.4.1 Asia-Pacific: Market volume estimates, by countries
6.2.3.4.2 Asia-Pacific: Market revenue estimates, by countries
6.2.3.4.3 Europe: Market volume estimates, by countries
6.2.3.4.4 Europe: Market revenue estimates, by countries
6.2.3.4.5 North America: Market volume estimates, by countries
6.2.3.4.6 North America: Market revenue estimates, by countries
6.2.3.4.7 ROW: Market volume estimates, by countries

6.2.3.4.8 ROW: Market revenue estimates, by countries
6.2.4 BRAKES IN THE HEAVY TRUCKS/BUSES/COACHES SEGMENT
6.2.4.1 Down but not out!
6.2.4.2 Market volume estimates, by geography
6.2.4.3 Market revenue estimates, by geography
6.2.4.4 Market estimates, by countries
6.2.4.4.1 Asia-Pacific: Market volume estimates, by countries
6.2.4.4.2 Asia-Pacific: Market revenue estimates, by countries
6.2.4.4.3 Europe: Market volume estimates, by countries
6.2.4.4.4 Europe: Market revenue estimates, by countries
6.2.4.4.5 North America: Market volume estimates, by countries
6.2.4.4.6 North America: Market revenue estimates, by countries
6.2.4.4.7 ROW: Market volume estimates, by countries
6.2.4.4.8 ROW: Market revenue estimates, by countries

7 GLOBAL AUTOMOTIVE BRAKES MARKET, FOR TWO-WHEELERS

7.1 INTRODUCTION
7.2 TWO WHEELER AUTOMOTIVE BRAKES MARKET, BY GEOGRAPHY
7.2.1 ASIA-PACIFIC LARGEST & NORTH AMERICA FASTEST MARKET FOR TWO-WHEELER BRAKES
7.2.1.1 Market volume estimates, by geography
7.2.1.2 Market revenue estimates, by geography
7.2.2 ASIA-PACIFIC: LARGEST MARKET FOR TWO-WHEELER BRAKES
7.2.2.1 China & India’s collective volume share to reach about 75% by 2018
7.2.2.2 Market volume estimates, by countries
7.2.2.3 Market revenue estimates, by countries
7.2.3 EUROPE
7.2.3.1 Russia leading the pack
7.2.3.2 Market volume estimates, by countries
7.2.3.3 Market revenue estimates, by countries
7.2.4 NORTH AMERICA
7.2.4.1 U.S.: A promising market for two-wheeler brakes
7.2.4.2 Market volume estimates, by countries
7.2.4.3 Market revenue estimates, by countries
7.2.5 ROW
7.2.5.1 Brazil: Growing at a faster rate than other row countries
7.2.5.2 Market volume estimates, by countries
7.2.5.3 Market revenue estimates, by countries

7.3 TWO WHEELER AUTOMOTIVE BRAKES MARKET, BY BRAKE TYPES
7.3.1 DISC BRAKES GAINING SHARE
7.3.2 MARKET VOLUME ESTIMATES, BY BRAKE TYPES
7.3.3 MARKET REVENUE ESTIMATES, BY BRAKE TYPES
7.3.4 ASIA-PACIFIC
7.3.4.1 Still rolling on drum brakes
7.3.4.2 Market volume estimates, by brake types
7.3.4.3 Market revenue estimates, by brake types
7.3.5 EUROPE
7.3.5.1 Stagnant drum brakes market
7.3.5.2 Market volume estimates, by brake types
7.3.5.3 Market revenue estimates, by brake types
7.3.6 NORTH AMERICA
7.3.6.1 U.S.: Home turf for disc brakes
7.3.6.2 Market volume estimates, by brake types
7.3.6.3 Market revenue estimates, by brake types
7.3.7 ROW
7.3.7.1 Slow growth for disc brakes
7.3.7.2 Market volume estimates, by brake types
7.3.7.3 Market revenue estimates, by brake types

8 GLOBAL AUTOMOTIVE BRAKES MARKET, BY BRAKE TYPES

8.1 INTRODUCTION
8.2 TWO WHEELER AUTOMOTIVE BRAKES MARKET, BY BRAKE TYPES
8.2.1 DISC BRAKES TO REPLACE DRUM BRAKES IN PASSENGER CARS
8.2.1.1 Market volume estimates, by brake types
8.2.1.2 Market revenue estimates, by brake types
8.2.2 DRUM BRAKES
8.2.2.1 Predominant use in commercial vehicles
8.2.2.2 Market volume estimates, by geography
8.2.2.3 Market revenue estimates, by geography
8.2.2.4 Asia-Pacific
8.2.2.4.1 India to replace Japan in demand for brakes
8.2.2.4.2 Market volume estimates, by countries
8.2.2.4.3 Market revenue estimates, by countries
8.2.2.5 Europe
8.2.2.5.1 Germany: Impeccable leader in the market
8.2.2.5.2 Market volume estimates, by countries

8.2.2.5.3 Market revenue estimates, by countries
8.2.2.6 North America
8.2.2.6.1 U.S. to retain the market volume share
8.2.2.6.2 Market volume estimates, by countries
8.2.2.6.3 Market revenue estimates, by countries
8.2.2.7 ROW
8.2.2.7.1 South Africa to show prominent growth
8.2.2.7.2 Market volume estimates, by countries
8.2.2.7.3 Market revenue estimates, by countries
8.2.3 DISC BRAKES
8.2.3.1 Disc brakes: Time to enter commercial vehicles segment
8.2.3.2 Market Volume estimates, by geography
8.2.3.3 Market revenue estimates, by geography
8.2.3.4 Asia-Pacific
8.2.3.4.1 Most cherished in China & Japan
8.2.3.4.2 Market volume estimates, by countries
8.2.3.4.3 Market revenue estimates, by countries
8.2.3.5 Europe
8.2.3.5.1 Propagating disc brakes' demand in Russian market
8.2.3.5.2 Market volume estimates, by countries
8.2.3.5.3 Market revenue estimates, by countries
8.2.3.6 North America
8.2.3.6.1 Moderate growth conditions across all countries
8.2.3.6.2 Market volume estimates, by countries
8.2.3.6.3 Market revenue estimates, by countries
8.2.3.7 ROW
8.2.3.7.1 Disc brakes demand growing in South Africa
8.2.3.7.2 Market volume estimates, by countries
8.2.3.7.3 Market revenue estimates, by countries

9 GLOBAL AUTOMOTIVE BRAKE MARKET, BY TECHNOLOGY

9.1 INTRODUCTION
9.2 ELECTRONIC ASSISTANCE SYSTEMS FOR BRAKES
9.2.1 ANTI-LOCK BRAKE SYSTEM (ABS)
9.2.2 ELECTRONIC STABILITY PROGRAM (ESP)
9.2.3 HILL DESCENT CONTROL (HDC)
9.2.4 AUTONOMOUS EMERGENCY SAFETY BRAKING (AESB)
9.3 MARKET VOLUME ESTIMATES, BY TECHNOLOGIES

9.4 MARKET VOLUME ESTIMATES, BY GEOGRAPHY

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION
10.1.1 KEY GROWTH STRATEGIES FOR BRAKE SYSTEMS

11 COMPANY PROFILES (OVERVIEW, FINANCIALS, PRODUCTS & SERVICES, STRATEGY, AND DEVELOPMENTS)

11.1 ACCURIDE CORPORATION
11.2 AISIN SEIKI CO. (LTD)
11.3 AKEBONO BRAKE INDUSTRY CO. LTD
11.4 AUTOMOTIVE COMPONENTS EUROPE S.A. (ACE)
11.5 BREMBO S.P.A.
11.6 CONTINENTAL AG
11.7 FEDERAL-MOGUL CORPORATION
11.8 HALDEX AB
11.9 HALLA MANDO CORPORATION
11.10 HYUNDAI MOBIS CO. LTD
11.11 KIRIU CORPORATION
11.12 KNORR-BREMSE AG
11.13 MERITOR INC.
11.14 NISSHINBO BRAKE INC.
11.15 NISSIN KOGYO CO. LTD
11.16 ROBERT BOSCH GMBH
11.17 SUNDARAM BRAKE LININGS LIMITED
11.18 TMD FRICTION GROUP S.A.
11.19 TRW AUTOMOTIVE HOLDINGS CORP.
11.20 ZHEJIANG ASIA-PACIFIC MECHANICAL & ELECTRONIC CO. LTD (Details on Overview, financials, product & services, strategy, and developments might not be captured in case of unlisted companies)

APPENDIX

U.S. PATENTS
EUROPE PATENTS
JAPAN PATENTS

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

TABLE 1 DETAILED METHODOLOGY FOR MARKET SIZE
TABLE 2 U.S.: HEAVY COMMERCIAL VEHICLE STOPPING DISTANCE REGULATIONS, CURRENT VS NEW
TABLE 3 GLOBAL: VEHICLE SAFETY REGULATIONS
TABLE 4 BRAKE MANUFACTURERS & SUPPLIERS, BY TYPES
TABLE 5 MAJOR PLAYERS IN THE BRAKES INDUSTRY
TABLE 6 AUTOMOTIVE BRAKES MARKET VOLUME, BY GEOGRAPHY, 2011 – 2018 (‘000 UNITS)
TABLE 7 AUTOMOTIVE BRAKES MARKET REVENUE, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 8 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 (‘000 UNITS)
TABLE 9 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 10 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET VOLUME, BY VEHICLE TYPES, 2011 – 2018 (‘000 UNITS)
TABLE 11 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET REVENUE, BY VEHICLE TYPES, 2011 – 2018 ($MILLION)
TABLE 12 EUROPE: AUTOMOTIVE BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 13 EUROPE: AUTOMOTIVE BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 14 EUROPE: AUTOMOTIVE BRAKES MARKET VOLUME, BY VEHICLE TYPES, 2011 – 2018 (’000 UNITS)
TABLE 15 EUROPE: AUTOMOTIVE BRAKES MARKET REVENUE, BY VEHICLE TYPES, 2011 – 2018 ($MILLION)
TABLE 16 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 17 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 18 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET VOLUME, BY VEHICLE TYPES, 2011 – 2018 (’000 UNITS)
TABLE 19 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET REVENUE, BY VEHICLE TYPES, 2011 – 2018 ($MILLION)
TABLE 20 ROW: AUTOMOTIVE BRAKES MARKET VOLUME, BY COUNTRIES,

2011– 2018 (’000 UNITS)
TABLE 21 ROW: AUTOMOTIVE BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 22 ROW: AUTOMOTIVE BRAKES MARKET VOLUME, BY VEHICLE TYPES, 2011 – 2018 (’000 UNITS)
TABLE 23 ROW: AUTOMOTIVE BRAKES MARKET REVENUE, BY VEHICLE TYPES, 2011 – 2018 ($MILLION)
TABLE 24 GLOBAL AUTOMOTIVE BRAKES: MARKET VOLUME, BY VEHICLE TYPES, 2011 – 2018 (’000 UNITS)
TABLE 25 GLOBAL AUTOMOTIVE BRAKES MARKET REVENUE, BY VEHICLE TYPES, 2011 – 2018 ($MILLION)
TABLE 26 AUTOMOTIVE BRAKE MARKET VOLUME FOR PASSENGER CARS, BY GEOGRAPHY, 2011 – 2018 (’000 UNITS)
TABLE 27 AUTOMOTIVE BRAKES MARKET REVENUE FOR PASSENGER CARS, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 28 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET VOLUME FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 29 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET REVENUE FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 30 EUROPE: AUTOMOTIVE BRAKES MARKET VOLUME FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 31 EUROPE: AUTOMOTIVE BRAKES MARKET REVENUE FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 32 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET VOLUME FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 33 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET REVENUE FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 34 ROW: AUTOMOTIVE BRAKES MARKET VOLUME FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 35 ROW: AUTOMOTIVE BRAKES MARKET REVENUE FOR PASSENGER CARS, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 36 AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY GEOGRAPHY, 2011 – 2018 (’000 UNITS)
TABLE 37 AUTOMOTIVE BRAKES MARKET REVENUE FOR LIGHT COMMERCIAL VEHICLES, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 38 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 (’000 UNITS)
TABLE 39 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET REVENUE FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ($MILLION)

TABLE 40 EUROPE: AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 41 EUROPE: AUTOMOTIVE BRAKES MARKET REVENUE FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 42 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 43 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET REVENUE FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 44 ROW: AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 45 ROW: AUTOMOTIVE BRAKES MARKET VOLUME FOR LIGHT COMMERCIAL VEHICLES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 46 AUTOMOTIVE BRAKES MARKET VOLUME FOR HEAVY TRUCKS/BUSES/COACHES, BY GEOGRAPHY, 2011 – 2018 ('000 UNITS)
TABLE 47 AUTOMOTIVE BRAKES MARKET REVENUE FOR HEAVY TRUCKS/BUSES/COACHES, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 48 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET VOLUME FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 49 ASIA-PACIFIC: AUTOMOTIVE BRAKES MARKET REVENUE FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 50 EUROPE: AUTOMOTIVE BRAKES MARKET VOLUME FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 51 EUROPE: AUTOMOTIVE BRAKES MARKET REVENUE FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 52 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET VOLUME FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 53 NORTH AMERICA: AUTOMOTIVE BRAKES MARKET REVENUE FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 54 ROW: AUTOMOTIVE BRAKES MARKET VOLUME FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 55 ROW: AUTOMOTIVE BRAKES MARKET REVENUE FOR HEAVY TRUCKS/BUSES/COACHES, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 56 TWO-WHEELER BRAKES: MARKET VOLUME, BY GEOGRAPHY, 2011 – 2018 ('000 UNITS)
TABLE 57 TWO-WHEELER BRAKES: MARKET REVENUE, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 58 ASIA-PACIFIC: TWO-WHEELER BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 59 ASIA-PACIFIC: TWO-WHEELER BRAKES MARKET REVENUE, BY

COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 60 EUROPE: TWO-WHEELER BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 61 EUROPE: TWO-WHEELER BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 62 NORTH AMERICA: TWO-WHEELER BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 63 NORTH AMERICA: TWO-WHEELER BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 64 ROW: TWO-WHEELER BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 65 ROW: TWO-WHEELER BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 66 TWO-WHEELER BRAKES: MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 67 TWO-WHEELER BRAKES: MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 68 ASIA-PACIFIC: TWO-WHEELER BRAKES MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 69 ASIA-PACIFIC: TWO-WHEELER BRAKES MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 70 EUROPE: TWO-WHEELER BRAKES MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 71 EUROPE: TWO-WHEELER BRAKES MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 72 NORTH AMERICA: TWO-WHEELER BRAKES MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 73 NORTH AMERICA: TWO-WHEELER BRAKES MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 74 ROW: TWO-WHEELER BRAKES MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 75 ROW: TWO-WHEELER BRAKES MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 76 GLOBAL AUTOMOTIVE BRAKES MARKET VOLUME, BY BRAKE TYPES, 2011 – 2018 ('000 UNITS)
TABLE 77 GLOBAL AUTOMOTIVE BRAKES MARKET REVENUE, BY BRAKE TYPES, 2011 – 2018 ($MILLION)
TABLE 78 DRUM BRAKES: MARKET VOLUME, BY GEOGRAPHY, 2011 – 2018 ('000 UNITS)

TABLE 79 DRUM BRAKES: MARKET REVENUE, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 80 ASIA-PACIFIC: DRUM BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 81 ASIA-PACIFIC: DRUM BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 82 EUROPE: DRUM BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 83 EUROPE: DRUM BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 84 NORTH AMERICA: DRUM BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 85 NORTH AMERICA: DRUM BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 86 ROW: DRUM BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 87 ROW: DRUM BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 88 DISC BRAKES: MARKET VOLUME, BY GEOGRAPHY, 2011 – 2018 ('000 UNITS)
TABLE 89 DISC BRAKES: MARKET REVENUE, BY GEOGRAPHY, 2011 – 2018 ($MILLION)
TABLE 90 ASIA-PACIFIC: DISC BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 91 ASIA-PACIFIC: DISC BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 92 EUROPE: DISC BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 93 EUROPE: DISC BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 94 NORTH AMERICA: DISC BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 95 NORTH AMERICA: DISC BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 96 ROW: DISC BRAKES MARKET VOLUME, BY COUNTRIES, 2011 – 2018 ('000 UNITS)
TABLE 97 ROW: DISC BRAKES MARKET REVENUE, BY COUNTRIES, 2011 – 2018 ($MILLION)
TABLE 98 GLOBAL AUTOMOTIVE BRAKES MARKET VOLUME, BY

TECHNOLOGIES, 2011 – 2018 ('000 UNITS)
TABLE 99 EBS: MARKET VOLUME, BY GEOGRAPHY, 2011 – 2018 ('000 UNITS)
TABLE 100 MERGERS & ACQUISITIONS
TABLE 101 NEW PRODUCTS LAUNCH/PRODUCT DEVELOPMENT/R&D
TABLE 102 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, JOINT VENTURES, & SUPPLY CONTRACTS
TABLE 103 EXPANSION & OTHER DEVELOPMENTS
TABLE 104 ACCURIDE: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 ($MILLION)
TABLE 105 ACCURIDE: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 106 ACCURIDE: PRODUCTS & ITS DESCRIPTION
TABLE 107 AISIN: TOTAL REVENUE, BY GEOGRAPHY, 2011 – 2012 ($BILLION)
TABLE 108 AISIN: TOTAL SALES, BY PRODUCTS, 2011 – 2012 ($BILLION)
TABLE 109 AISIN: PRODUCTS & SUB SEGMENT
TABLE 110 AKEBONO: NET SALES, BY PRODUCTS, 2010 – 2011 ($MILLION)
TABLE 111 AKEBONO: TOTAL SALES, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 112 AKEBONO: PRODUCTS WITH CATEGORY
TABLE 113 BREMBO: TOTAL SALES, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 114 BREMBO: TOTAL REVENUE, BY APPLICATIONS, 2010 – 2011 ($MILLION)
TABLE 115 BREMBO: PRODUCTS BY VEHICLE SEGMENTS
TABLE 116 CONTINENTAL: TOTAL SALES, BY SEGMENTS, 2010 – 2011 ($MILLION)
TABLE 117 CONTINENTAL: CHASSIS & SAFETY SEGMENT SALES, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 118 CONTINENTAL: TOTAL SALES, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 119 CONTINENTAL: PRODUCTS BY SEGMENTS
TABLE 120 FEDERAL-MOGUL: TOTAL REVENUE, BY SEGMENTS, 2011 – 2012 ($MILLION)
TABLE 121 FEDERAL-MOGUL: TOTAL REVENUE, BY GEOGRAPHY, 2011 – 2012 ($MILLION)
TABLE 122 FEDERAL-MOGUL: PRODUCTS & ITS DESCRIPTION
TABLE 123 HALDEX : TOTAL SALES, BY SEGMENTS, 2010 – 2011 ($MILLION)
TABLE 124 HALDEX: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 125 HALDEX: PRODUCTS BY DIVISION
TABLE 126 MANDO: TOTAL SALES, BY GEOGRAPHY, 2011 – 2012 ($MILLION)
TABLE 127 MANDO: PRODUCTS BY CATEGORY
TABLE 128 HYUNDAIMOBIS: TOTAL SALES, BY BUSINESS SEGMENTS, 2010 –

2011 ($MILLION)
TABLE 129 HYUNDAI MOBIS: TOTAL SALES, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 130 HYUNDAI MOBIS: PRODUCTS BY CATEGORY
TABLE 131 KIRIU CORP.: TOTAL SALES, BY PRODUCTS, 2011 ($MILLION)
TABLE 132 KIRIU CORP: PRODUCTS BY SEGMENTS
TABLE 133 KNORR: TOTAL SALES, BY SEGMENTS, 2010 – 2011 ($MILLION)
TABLE 134 KNORR: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2011 ($MILLION)
TABLE 135 KNORR-BREMSE: PRODUCTS BY SEGMENT
TABLE 136 MERITOR-WABCO: GLOBAL JVS
TABLE 137 MERITOR: TOTAL SALES, BY BUSINESS GROUPS, 2011 – 2012 ($MILLION)
TABLE 138 MERITOR: TOTAL SALES, BY PRODUCTS, 2011 – 2012 ($MILLION)
TABLE 139 MERITOR: PRODUCTS BY APPLICATION
TABLE 140 NISSHINBO: GLOBAL SUBSIDIARIES
TABLE 141 NISSHINBO: TOTAL SALES, BY REGION, 2011 – 2012 ($MILLION)
TABLE 142 NISSHINBO: PRODUCTS BY SEGMENT AND APPLICATIONS
TABLE 143 NISSIN: TOTAL SALES, BY GEOGRAPHY, 2011 – 2012 ($MILLION)
TABLE 144 NISSIN: PRODUCTS BY CATEGORY
TABLE 145 BOSCH: TOTAL SALES, BY BUSINESS SEGMENTS, 2010 – 2011 ($BILLION)
TABLE 146 BOSCH: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2011 ($BILLION)
TABLE 147 BOSCH: PRODUCTS BY SEGMENT
TABLE 148 TVS-SBL: TOTAL SALES, BY MARKET SEGMENTS, 2011 – 2012 ($MILLION)
TABLE 149 TVS-SBL: PRODUCTS BY VEHICLE TYPE
TABLE 150 TMD: PRODUCTS & SERVICES
TABLE 151 TRW: TOTAL SALES, BY SEGMENTS, 2010 – 2011 ($MILLION)
TABLE 152 TRW: PRODUCTS BY PRODUCT LINE
TABLE 153 TRW: PRODUCTS BY SEGMENT
TABLE 154 ZHEJIANG: PRODUCTS & ITS COMPONENTS

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

FIGURE 1 SCOPE OF THE REPORT
FIGURE 2 GLOBAL AUTOMOTIVE BRAKES MARKET VOLUME SHARE, BY SEGMENTS, 2013
FIGURE 3 AUTOMOTIVE BRAKES: SCOPE & MARKET VOLUME SHARES, 2013
FIGURE 4 AUTOMOTIVE BRAKE MARKET VOLUME & SHARE, BY GEOGRAPHY, 2013
FIGURE 5 AUTOMOTIVE BRAKE MARKET VOLUME SHARE & TRENDS, BY VEHICLE TYPES, 2011 – 2018
FIGURE 6 AUTOMOTIVE BRAKE MARKET VOLUME SHARE, BY BRAKE TYPES, 2013
FIGURE 7 AUTOMOTIVE DRUM BRAKE MARKET VOLUME SHARES, BY GEOGRAPHY, 2013
FIGURE 8 AUTOMOTIVE DISC BRAKE MARKET VOLUME SHARES, BY GEOGRAPHY, 2013
FIGURE 9 AUTOMOTIVE BRAKES MARKET BY TECHNOLOGY INSTALLATION & GEOGRAPHY, 2011 – 2018
FIGURE 10 GLOBAL AUTOMOTIVE BRAKES MARKET VOLUME (MILLION UNITS) & REVENUE ($BILLION), 2011 – 2018
FIGURE 11 BUSINESS IMPACT ANALYSIS OF DRIVERS & RESTRAINTS ON AUTOMOTIVE BRAKES MARKET
FIGURE 12 IMPACT ANALYSIS OF MAJOR DRIVERS ON THE GLOBAL AUTOMOTIVE BRAKE MARKET
FIGURE 13 IMPACT ANALYSIS OF MAJOR RESTRAINTS ON GLOBAL AUTOMOTIVE BRAKE MARKET
FIGURE 14 DEVELOPMENTS IN AUTOMOTIVE BRAKES
FIGURE 15 WOODEN BLOCK BRAKES TO MODERN ELECTRICALLY ASSISTED BRAKES
FIGURE 16 PORTER'S FIVE FORCES MODEL
FIGURE 17 VALUE CHAIN FOR BRAKES IN THE AUTOMOBILE INDUSTRY
FIGURE 18 PATENT ANALYSIS, BY REGIONS, 2010 – 2013
FIGURE 19 PATENT ANALYSIS, BY YEARS & REGIONS, 2010 – 2013
FIGURE 20 U.S. PATENT ANALYSIS, BY YEARS, 2010 – 2013
FIGURE 21 GLOBAL BRAKES MARKET SHARE, BY COMPANIES, 2011
FIGURE 22 BRAKE MANUFACTURING COMPANIES, REGIONAL MARKET SHARE
FIGURE 23 GLOBAL PASSENGER CAR PRODUCTION SHARES, BY

MANUFACTURERS, 2011
FIGURE 24 GLOBAL LIGHT COMMERCIAL VEHICLE PRODUCTION SHARES, BY MANUFACTURERS, 2011
FIGURE 25 GLOBAL HEAVY TRUCKS/BUSES/COACHES PRODUCTION SHARES, BY MANUFACTURERS, 2011
FIGURE 26 WORLDWIDE AUTOMOBILE DEMAND, BY REGIONS, 2011 VS. 2012
FIGURE 27 AUTOMOTIVE BRAKES MARKET VOLUME TRENDS, BY GEOGRAPHY, 2011 – 2018
FIGURE 28 AUTOMOTIVE BRAKES MARKET VOLUME SHARE, BY GEOGRAPHY, 2013 VS 2018
FIGURE 29 AUTOMOTIVE BRAKES: PROMINENT REGIONAL MARKETS, 2013
FIGURE 30 ASIA-PACIFIC: AUTOMOTIVE BRAKES CONSUMPTION SHARE, 2013 VS 2018
FIGURE 31 EUROPE: AUTOMOTIVE BRAKES CONSUMPTION SHARE, 2013 VS 2018
FIGURE 32 NORTH AMERICA: AUTOMOTIVE BRAKES CONSUMPTION SHARES, 2013 VS 2018
FIGURE 33 ROW: AUTOMOTIVE BRAKES CONSUMPTION SHARES, 2013 VS 2018
FIGURE 34 AUTOMOTIVE BRAKES MARKET VOLUME TREND, BY VEHICLE TYPES, 2011 – 2018
FIGURE 35 TWO WHEELER AUTOMOTIVE BRAKES MARKET TREND, BY GEOGRAPHY, 2011 – 2018
FIGURE 36 TWO WHEELER AUTOMOTIVE BRAKES MARKET TREND, BY BRAKE TYPES, 2011 – 2018
FIGURE 37 AUTOMOTIVE BRAKES MARKET VOLUME TREND, BY BRAKE TYPES, 2011 – 2018
FIGURE 38 AUTOMOTIVE BRAKES MARKET TREND, BY TECHNOLOGIES
FIGURE 39 EBS MARKET, BY GEOGRAPHY, 2013 – 2018 (MILLION UNITS)
FIGURE 40 KEY GROWTH STRATEGIES IN THE GLOBAL BRAKES MARKET SHARE, 2008 – 2013
FIGURE 41 KEY GROWTH STRATEGIES, BY YEARS, 2010 – 2012

I would like to order

Product name: Automotive Brake System Market By Geography, Brake Type (Disc, Drum), Vehicle Type (Passenger Cars, Light & Heavy Commercial, Two Wheelers) & Technology (Electronically Assisted & Others) — Global Trends & Forecast to 2018

Product link: https://marketpublishers.com/r/A5ED85EA7C5EN.html

Price: US$ 4,650.00 (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/A5ED85EA7C5EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970