

Industrial Brakes and Clutches: Market Research Report

<https://marketpublishers.com/r/IEDD909D0B5EN.html>

Date: April 2018

Pages: 377

Price: US\$ 5,600.00 (Single User License)

ID: IEDD909D0B5EN

Abstracts

This report analyzes the worldwide markets for Industrial Brakes and Clutches in US\$ Thousand by the following Product Segments: Mechanical Friction Brakes and Clutches, Electromagnetic Brakes and Clutches, and Other Brakes and Clutches.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 136 companies including many key and niche players such as

-

Altra Industrial Motion, Inc.

Dayton Superior Products Co., Inc.

Electroid Company

Hilliard Corp.

INTORQ GmbH & CO. KG

KEB Automation KG

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Industrial Brakes and Clutches: An Introductory Prelude

Wider Use Case Across Numerous Application Domains: Cornerstone for Present & Future Growth

Select Applications of Industrial Brakes & Clutches in Key Application Verticals

Surge in Industrial Automation Instigates Massive Opportunities

Table 1. Global Industrial Automation Market by Segment (2017E): Percentage Breakdown of Investments for Factory Automation and Process Automation (includes corresponding Graph/Chart)

Table 2. Global Industrial Automation Market by Sector (2017E): Percentage Value Breakdown of Investments for Automotive, Chemical, Food Processing, Oil & Gas, Packaging, Pharmaceuticals, Plastic Manufacturing, Power, Textile and Others (includes corresponding Graph/Chart)

Table 3. Global Robotics Market by Country/Region (2017E): Percentage Breakdown of Investments for China, Japan, US, Western Europe, and Rest of World (includes corresponding Graph/Chart)

Emphasis on Performance & Safety of Industrial Systems Directs Progressive Trajectory

Impact of Recent Economic Upheavals on the Industrial Brakes and Clutches Market: A Review

Table 4. GDP Growth Rates in Select World Economies (2005-2010) (includes corresponding Graph/Chart)

Market to Benefit from Stable Economic Scenario

Table 5. World Real GDP Growth Rates in % (2016-2018P): Breakdown by Country/Region (includes corresponding Graph/Chart)

Global Market Analysis

Outlook

Mechanical Friction Brakes & Clutches Dominate the Market

Electromagnetic Brakes & Clutches: A Major Product Segment

Developed Regions – Key Revenue Contributors

Developing Economies – Prime Growth Drivers

Asia-Pacific – The Fastest Growing Regional Market

Table 6. Global Industrial Brakes and Clutches Market - Geographic Regions Ranked by CAGR (Revenues) for 2016-2024: Asia-Pacific, Middle East & Africa, Latin America, Europe, US, Canada and Japan (includes corresponding Graph/Chart)

2. COMPETITIVE SCENARIO

Leading Players in the Global Industrial Brakes and Clutches Market

Brand Name – Key for Market Growth

One-Stop-Shop Concept Grabs Attention

Manufacturers Focus on Distribution Networks to Improve Market Reach

After-Sales Support: A Scoring Point

Brewing Competition from Asian Companies

Mounting Pricing Pressure

Consolidation Underway

M&A Activity

Select M&A Deals in the World Industrial Brakes & Clutches Market

3. MAJOR MARKET TRENDS & GROWTH DRIVERS

Product Innovation Continues to Drive Market Growth

End-Use Level Requirements Spur Changes in Brake and Clutch Design

Design Innovations Driven by Growth in Related Equipment

Design Improvements in Permanent Holding Magnet Brakes Offer New Capabilities

Novel Manufacturing Methods Aid Roll Out of Sophisticated Designs

Electromagnetic Caliper Brakes Make Robust Gains

Technical Superiority Over Drum Brakes Widens Prospects for Disc Brakes

Demand for Drum-Style Brakes Remains High
Backstopping Clutches with High Torque Capacity Come to Fore
Rugged Brakes for Hazardous Environments Exhibit Growth
Parking Brakes for Locking Idle Machinery
Heavy-Duty Brakes for Dynamic Applications
Integrated Packages – Order of the Day in Motor Market
Traditional Brakes Sustain Momentum
Replacement Demand Enhances Market Prospects
Market Gears Up for Industry 4.0 & Smart Factory
A Glimpse of First, Second, Third & Fourth Industrial Revolutions

4. END-USE APPLICATION SECTOR – A PERSPECTIVE BUILDER

Soaring Demand for Food Processing Machinery Steers Market Momentum

Table 10. World 4-Year Perspective for Food Processing Machinery and Equipment by Geographic Region/Country - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America, and Rest of World Markets for Years 2017E and 2020P (includes corresponding Graph/Chart)

Regulations Drive Adoption of Washdown Brakes
Material Handling Equipment: A Key End-Use Vertical

Table 11. World 4-Year Perspective for Material Handling Equipment by Geographic Region/Country - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2017E and 2020P (includes corresponding Graph/Chart)

Machinery-Intensive Textile Sector Extends Potential Opportunities
Robust Demand for Machine Tools Underpins Revenue Growth

Table 12. World 4-Year Perspective for Machine Tools by Geographic Region/Country - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific, Middle East/Africa and Latin American Markets for Years 2017E and 2020P (includes corresponding Graph/Chart)

Table 13. World Machine Tools Market (2017E): Percentage Breakdown of Dollar Sales by End-Use Industry (includes corresponding Graph/Chart)

Table 14. World Machine Tools Market (2017E): Percentage Breakdown of Dollar Sales for Metal Cutting Tools by Segment (includes corresponding Graph/Chart)

Table 15. World Machine Tools Market (2017E): Percentage Breakdown of Dollar Sales for Metal Forming Tools by Segment (includes corresponding Graph/Chart)

Brakes and Clutches Assume Critical Importance in Mining Conveyors
Mining Operators Prioritize Hydraulic Brakes for Overland Conveyors
Servo Motors: A Niche End-Use Market for Industrial Brakes
Small Diameter Brakes Gain Traction in Medical and Pharmaceutical Robots
Brakes and Clutches for Paper Processing Equipment

5. PRODUCT OVERVIEW

6. PRODUCT INTRODUCTIONS/INNOVATIONS

Warner Electric Launches XS-Series Brakes
Ogura Industrial Unveils New Mechanical Clutches
Miki Pulley Rolls Out New BX Series Electromagnetic Brakes
Miki Pulley Introduces CS Electromagnetic Actuated Clutches
SEPAC Unveils SETB
SEPAC Unveils Spring Engaged Brake
Miki Pulley Introduces CYT Micro Clutches
Mayr Power Transmission Launches Brake Technology 4.
Svendborg Brakes Unveils LBS 120 Yaw Brake Tool
INTORQ Unveils BFK470 Spring-Applied Brakes
KEB America Launches Redesigned Load Brake Product Line
Twiflex Rolls Out VSD Series Modular Brake Systems
Nexen Introduces FMCBE
Nexen Group Launches Size 80 and 100 High-Torque Tooth Clutches
Nexen Group Unveils Eclipse Servo Motor Brakes
SEPAC Introduces MSEB Series Brakes
Warner Electric Unveils X-Small Brakes
Formsprag Rolls Out New Aerospace-Grade Brakes
Formsprag Develops Modified FSO-500 Clutch for Corrugated Paperboard Machines
Matrix Introduces New Line of Permanent Magnet Brakes

Warner Electric Unveils CMS 250 Series MagStop Clutch/Brakes
Magtrol Introduces BHB Series Blower-Cooled Hysteresis Brakes
GKN Stromag Unveils KMS THC Hydraulic Multi-Disc Clutch and HPI Brake

7. RECENT INDUSTRY ACTIVITY

Altra Industrial Acquires Stromag
Formsprag Clutch Bags Contract from U. S. Coast Guard
INTORQ to Expand Aerzen Headquarters
Warner Electric Extends Angers Factory
Stieber Partners with Twiflex
Svendborg Delivers BSFH 520 Braking System to American Block
Twiflex Delivers Twiflex GMR SD Caliper Brake to Australian Coal Mine Operator
Regal Beloit Takes Over Emerson's Power Transmission Solutions Business
Wichita Clutch Delivers 118VM Plate Brake to Leading Oilfield Equipment Manufacturer
Nuttall Gear Provides Recoiler Gearbox and Caliper Brake to Large Steel Recoiler OEM
Formsprag Delivers FSR Backstopping Clutch to Leading Press OEM
Warner Electric Supplies Model EM Series Brake to Large Steel Manufacturer
Warner Electric Delivers TB Series Tension Brake for a South Carolina Electrical Cabling Manufacturer
Boston Gear Deploys Centric Centrigard Overload Clutch for a Mid-Atlantic Packaging System Manufacturer
Matrix Supplies Modified 1EB Servo Motor Brakes to a Global Industrial Robotics Company
Warner Electric Provides ERC100 Spring-Applied Caliper Disc Brake to Leading Crane OEM
Warner Electric Delivers TB Series Tension Brake to Mid-Atlantic Power Transmission Belt Manufacturer
Twiflex Delivers VMS3-VR Brakes to FLSmidth
Twiflex Supplies GMR-SD Caliper Brakes to Indian Mining Operator
Marland Delivers CECON Clutches to Leading Industrial Fan OEM
Svendborg Supplies BSFH 520 Braking System to Large Chilean Copper Mine Operator

8. FOCUS ON SELECT GLOBAL PLAYERS

Altra Industrial Motion, Inc. (USA)
Boston Gear (USA)
Formsprag Clutch, Inc. (USA)
Inertia Dynamics LLC (USA)

Marland Clutch (USA)
Stromag (Germany)
Warner Electric, Inc. (USA)
Dayton Superior Products Co., Inc. (USA)
Electroid Company (USA)
Hilliard Corp. (USA)
INTORQ GmbH & CO. KG (Germany)
KEB Automation KG (Germany)
Lenze SE (Germany)
Magnetic Technologies Ltd. (USA)
Magtrol, Inc. (USA)
Ogura Clutch Co., Ltd. (Japan)
Placid Industries, Inc. (USA)
Redex Andantex (France)
Andantex USA, Inc. (USA)
Merobel (France)
Regal Power Transmission Solutions (USA)
Rexnord Corp. (USA)
Sjogren Industries, Inc. (USA)

9. GLOBAL MARKET PERSPECTIVE

Table 16. World Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 17. World Historic Review for Industrial Brakes and Clutches by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 18. World 14-Year Perspective for Industrial Brakes and Clutches by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 19. World Recent Past, Current & Future Analysis for Mechanical Friction Brakes & Clutches by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 20. World Historic Review for Mechanical Friction Brakes & Clutches by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 21. World 14-Year Perspective for Mechanical Friction Brakes & Clutches by Geographic Region/ Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 22. World Recent Past, Current & Future Analysis for Electromagnetic Brakes & Clutches by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 23. World Historic Review for Electromagnetic Brakes & Clutches by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 24. World 14-Year Perspective for Electromagnetic Brakes & Clutches by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 25. World Recent Past, Current & Future Analysis for Other Brakes & Clutches by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with

Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 26. World Historic Review for Other Brakes & Clutches by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 27. World 14-Year Perspective for Other Brakes & Clutches by Geographic Region/Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis

Important Market for Industrial Brakes & Clutches

Mechanical Friction Brakes & Clutches: Largest Product Segment

Ceramic Makes Gains as Top-Class Friction Material

Demand Remains Firm for Electromagnetic Brakes & Clutches

Growing Competition from Electric Speed Drives

Improving Economic Scenario to Boost Growth

Innovative Brakes and Clutches for Greater Operational Flexibility

Re-fabricated Systems Exhibit Growth in the Aftermarket

Globalization – An Opportunity or a Challenge?

Competitive Landscape

Focus on Niche Markets – A Short-Term Strategy

Influx of Low Cost Brake System Parts Pose Stiff Competition

Higher Commoditization Hurts Premium Product Brake System Parts Manufacturers

Soaring Production Costs Squeeze Profit Margins of Manufacturers

Product Launches

Strategic Corporate Developments

Select Key Players

B. Market Analytics

Table 28. US Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 29. US Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 30. US 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Outlook

Domestic Players Face Stiff Competition from Asian Suppliers

B. Market Analytics

Table 31. Canadian Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 32. Canadian Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 33. Canadian 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

3. JAPAN

A. Market Analysis

Japan: A Major Consumer of Brakes and Clutches

Thriving Food Processing Sector Extends Robust Opportunities

Product Launches

Key Player

B. Market Analytics

Table 34. Japanese Recent Past, Current & Future Analysis for Industrial Brakes & Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 35. Japanese Historic Review for Industrial Brakes and Clutches Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 36. Japanese 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Outlook

Growing Demand for Food Processing Machinery Enhances Market Prospects

Well-Established Material Handling Equipment Sector Drives Momentum

Competitive Landscape

Low-Cost Products from Asia Pose Major Threat

B. Market Analytics

Table 37. European Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia,

and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 38. European Historic Review for Industrial Brakes and Clutches by Geographic Region/Country - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 39. European 14-Year Perspective for Industrial Brakes and Clutches by Geographic Region/Country - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 40. European Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 41. European Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 42. European 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market Analysis

Outlook

Food & Dairy Processing Sectors Contribute to Market Growth

Corporate Development

Select Key Players

B. Market Analytics

Table 43. French Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 44. French Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 45. French 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

The Key Market in Europe

Favorable Trends in Industrial Sector Augment Revenues

Thriving Food Processing Vertical

Expanding Material Handling Equipment Domain

Product Launches

Strategic Corporate Developments

Select Key Players

B. Market Analytics

Table 46. German Recent Past, Current & Future Analysis for Industrial Brakes & Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 47. German Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 48. German 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4C. ITALY

A. Market Analysis

Outlook

Emphasis on Advanced Material Handling Equipment Bodes Well

Growing Sales of Food Processing Machinery Lends Traction

B. Market Analytics

Table 49. Italian Recent Past, Current & Future Analysis for Industrial Brakes & Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 50. Italian Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 51. Italian 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

A. Market Analysis

Outlook

UK Material Handling Equipment Market

Corporate Development

B. Market Analytics

Table 52. UK Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 53. UK Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 54. UK 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4E. SPAIN

A. Market Analysis

Outlook

Opportunities in Food Processing Machinery Sector

B. Market Analytics

Table 55. Spanish Recent Past, Current & Future Analysis for Industrial Brakes & Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 56. Spanish Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 57. Spanish 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4F. RUSSIA

Market Analysis

Table 58. Russian Recent Past, Current & Future Analysis for Industrial Brakes & Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 59. Russian Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 60. Russian 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

Market Analysis

Table 61. Rest of Europe Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 62. Rest of Europe Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 63. Rest of Europe 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes

& Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

A Market Laden with Opportunities

Government Policies – A Major Factor

Soaring Demand for Food Processing Machinery Accelerates Demand

Potential Opportunities Identified in Material Handling Sector

B. Market Analytics

Table 64. Asia-Pacific Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Geographic Region/Country - China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 65. Asia-Pacific Historic Review for Industrial Brakes and Clutches by Geographic Region/Country - China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 66. Asia-Pacific 14-Year Perspective for Industrial Brakes and Clutches by Geographic Region/Country - Percentage Breakdown of Revenues for China, India, and Rest of Asia-Pacific Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 67. Asia-Pacific Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 68. Asia-Pacific Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 69. Asia-Pacific 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

5A. CHINA

A. Market Analysis

China Exhibits Faster Growth

Industrial Controls Sector: A Brief Overview

B. Market Analytics

Table 70. Chinese Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 71. Chinese Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 72. Chinese 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis

Expanding Industrial Sector Widens Demand

Corporate Development

Key Player

B. Market Analytics

Table 73. Indian Recent Past, Current & Future Analysis for Industrial Brakes and

Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 74. Indian Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 75. Indian 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

5C. REST OF ASIA-PACIFIC

A. Market Analysis

Corporate Development

Key Player

B. Market Analytics

Table 76. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 77. Rest of Asia-Pacific Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 78. Rest of Asia-Pacific 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

6. THE MIDDLE EAST & AFRICA

Market Analysis

Table 79. The Middle East & Africa Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 80. The Middle East & Africa Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 81. The Middle East & Africa 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

7. LATIN AMERICA

Market Analysis

Table 82. Latin American Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Geographic Region/Country - Brazil, and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 83. Latin American Historic Review for Industrial Brakes and Clutches by Geographic Region/Country - Brazil, and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 84. Latin American 14-Year Perspective for Industrial Brakes and Clutches by

Geographic Region/Country - Percentage Breakdown of Revenues for Brazil, and Rest of Latin America Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

Table 85. Latin American Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 86. Latin American Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 87. Latin American 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

7A. BRAZIL

A. Market Analysis

Corporate Development

B. Market Analytics

Table 88. Brazil Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 89. Brazil Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 90. Brazil 14-Year Perspective for Industrial Brakes and Clutches by Product

Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

7B. REST OF LATIN AMERICA

A. Market Analysis

Corporate Development

B. Market Analytics

Table 91. Rest of Latin American Recent Past, Current & Future Analysis for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 92. Rest of Latin American Historic Review for Industrial Brakes and Clutches by Product Segment - Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets Independently Analyzed with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 93. Rest of Latin American 14-Year Perspective for Industrial Brakes and Clutches by Product Segment - Percentage Breakdown of Revenues for Mechanical Friction Brakes & Clutches, Electromagnetic Brakes & Clutches, and Other Brakes & Clutches Markets for Years 2011, 2017, and 2024 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 136 (including Divisions/Subsidiaries - 183)

The United States (59)

Canada (1)

Japan (4)

Europe (92)

France (7)

Germany (34)

The United Kingdom (23)

Italy (11)
Spain (5)
Rest of Europe (12)
Asia-Pacific (Excluding Japan) (27)

I would like to order

Product name: Industrial Brakes and Clutches: Market Research Report

Product link: <https://marketpublishers.com/r/IEDD909D0B5EN.html>

Price: US\$ 5,600.00 (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/IEDD909D0B5EN.html>