

Global Commutator Market Insights, Forecast to 2026

https://marketpublishers.com/r/G9F8D30255D6EN.html

Date: June 2020

Pages: 113

Price: US\$ 4,900.00 (Single User License)

ID: G9F8D30255D6EN

Abstracts

A commutator is the moving part of a rotary electrical switch in certain types of electric motors and electrical generators that periodically reverses the current direction between the rotor and the external circuit. It consists of a cylinder composed of multiple metal contact segments on the rotating armature of the machine. Two or more stationary electrical contacts called 'brushes' made of a soft conductor like carbon press against the commutator, making sliding contact with successive segments of the commutator as it rotates. The windings (coils of wire) on the armature are connected to the commutator segments.

In the coming years there is an increasing demand for Commutators in the regions of United States and Europe that is expected to drive the market for more advanced Commutators. Increasing of auto industry expenditures, more-intense competition, launches in introducing new products, increasing of spending on household appliances industry, retrofitting and renovation of old technology, increasing adoption of Commutator will drive growth in United States and Europe markets. However, China is still the biggest market in the world.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Commutator 4900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.



This report also analyses the impact of Coronavirus COVID-19 on the Commutator 4900 industry.

Based on our recent survey, we have several different scenarios about the Commutator 4900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 3118.7 million in 2019. The market size of Commutator 4900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026. With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Commutator market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Commutator market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Commutator market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Commutator market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Commutator market has been provided based on region.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Commutator market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of

volume for the period 2015-2026.



Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global Commutator market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Commutator market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Commutator market.

The following manufacturers are covered in this report:

Kolektor
Huarui Electric
Kaizhong
Angu
Sugiyama
Great Wall
Nettelhoff
Lifeng
Suzhou Kegu
Electric Materials
Takachiho
TRIS



MAM	
Toledo	
Commutator B	reakdown Data by Type
Groove	e Commutator
Hook T	ype Commutator
Others	
Commutator B	reakdown Data by Application
Automa	atic Industry
House	nold Appliances
Power	Tools
Others	



Contents

1 STUDY COVERAGE

- 1.1 Commutator Product Introduction
- 1.2 Key Market Segments in This Study
- 1.3 Key Manufacturers Covered: Ranking of Global Top Commutator Manufacturers by Revenue in 2019
- 1.4 Market by Type
 - 1.4.1 Global Commutator Market Size Growth Rate by Type
 - 1.4.2 Groove Commutator
 - 1.4.3 Hook Type Commutator
 - 1.4.4 Others
- 1.5 Market by Application
 - 1.5.1 Global Commutator Market Size Growth Rate by Application
 - 1.5.2 Automatic Industry
 - 1.5.3 Household Appliances
 - 1.5.4 Power Tools
 - 1.5.5 Others
- 1.6 Coronavirus Disease 2019 (Covid-19): Commutator Industry Impact
 - 1.6.1 How the Covid-19 is Affecting the Commutator Industry
 - 1.6.1.1 Commutator Business Impact Assessment Covid-19
 - 1.6.1.2 Supply Chain Challenges
 - 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products
- 1.6.2 Market Trends and Commutator Potential Opportunities in the COVID-19 Landscape
 - 1.6.3 Measures / Proposal against Covid-19
 - 1.6.3.1 Government Measures to Combat Covid-19 Impact
 - 1.6.3.2 Proposal for Commutator Players to Combat Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

2 EXECUTIVE SUMMARY

- 2.1 Global Commutator Market Size Estimates and Forecasts
 - 2.1.1 Global Commutator Revenue Estimates and Forecasts 2015-2026
 - 2.1.2 Global Commutator Production Capacity Estimates and Forecasts 2015-2026
- 2.1.3 Global Commutator Production Estimates and Forecasts 2015-2026
- 2.2 Global Commutator Market Size by Producing Regions: 2015 VS 2020 VS 2026



- 2.3 Analysis of Competitive Landscape
 - 2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
 - 2.3.2 Global Commutator Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
 - 2.3.3 Global Commutator Manufacturers Geographical Distribution
- 2.4 Key Trends for Commutator Markets & Products
- 2.5 Primary Interviews with Key Commutator Players (Opinion Leaders)

3 MARKET SIZE BY MANUFACTURERS

- 3.1 Global Top Commutator Manufacturers by Production Capacity
 - 3.1.1 Global Top Commutator Manufacturers by Production Capacity (2015-2020)
 - 3.1.2 Global Top Commutator Manufacturers by Production (2015-2020)
 - 3.1.3 Global Top Commutator Manufacturers Market Share by Production
- 3.2 Global Top Commutator Manufacturers by Revenue
 - 3.2.1 Global Top Commutator Manufacturers by Revenue (2015-2020)
- 3.2.2 Global Top Commutator Manufacturers Market Share by Revenue (2015-2020)
- 3.2.3 Global Top 10 and Top 5 Companies by Commutator Revenue in 2019
- 3.3 Global Commutator Price by Manufacturers
- 3.4 Mergers & Acquisitions, Expansion Plans

4 COMMUTATOR PRODUCTION BY REGIONS

- 4.1 Global Commutator Historic Market Facts & Figures by Regions
 - 4.1.1 Global Top Commutator Regions by Production (2015-2020)
 - 4.1.2 Global Top Commutator Regions by Revenue (2015-2020)
- 4.2 North America
 - 4.2.1 North America Commutator Production (2015-2020)
 - 4.2.2 North America Commutator Revenue (2015-2020)
 - 4.2.3 Key Players in North America
 - 4.2.4 North America Commutator Import & Export (2015-2020)
- 4.3 Europe
 - 4.3.1 Europe Commutator Production (2015-2020)
 - 4.3.2 Europe Commutator Revenue (2015-2020)
 - 4.3.3 Key Players in Europe
 - 4.3.4 Europe Commutator Import & Export (2015-2020)
- 4.4 China
 - 4.4.1 China Commutator Production (2015-2020)
 - 4.4.2 China Commutator Revenue (2015-2020)
 - 4.4.3 Key Players in China



- 4.4.4 China Commutator Import & Export (2015-2020)
- 4.5 Japan
 - 4.5.1 Japan Commutator Production (2015-2020)
 - 4.5.2 Japan Commutator Revenue (2015-2020)
 - 4.5.3 Key Players in Japan
 - 4.5.4 Japan Commutator Import & Export (2015-2020)

5 COMMUTATOR CONSUMPTION BY REGION

- 5.1 Global Top Commutator Regions by Consumption
 - 5.1.1 Global Top Commutator Regions by Consumption (2015-2020)
 - 5.1.2 Global Top Commutator Regions Market Share by Consumption (2015-2020)
- 5.2 North America
 - 5.2.1 North America Commutator Consumption by Application
 - 5.2.2 North America Commutator Consumption by Countries
 - 5.2.3 U.S.
 - 5.2.4 Canada
- 5.3 Europe
 - 5.3.1 Europe Commutator Consumption by Application
 - 5.3.2 Europe Commutator Consumption by Countries
 - 5.3.3 Germany
 - 5.3.4 France
 - 5.3.5 U.K.
 - 5.3.6 Italy
 - 5.3.7 Russia
- 5.4 Asia Pacific
 - 5.4.1 Asia Pacific Commutator Consumption by Application
 - 5.4.2 Asia Pacific Commutator Consumption by Regions
 - 5.4.3 China
 - 5.4.4 Japan
 - 5.4.5 South Korea
 - 5.4.6 India
 - 5.4.7 Australia
 - 5.4.8 Taiwan
 - 5.4.9 Indonesia
 - 5.4.10 Thailand
 - 5.4.11 Malaysia
 - 5.4.12 Philippines
 - 5.4.13 Vietnam



5.5 Central & South America

- 5.5.1 Central & South America Commutator Consumption by Application
- 5.5.2 Central & South America Commutator Consumption by Country
- 5.5.3 Mexico
- 5.5.3 Brazil
- 5.5.3 Argentina
- 5.6 Middle East and Africa
 - 5.6.1 Middle East and Africa Commutator Consumption by Application
 - 5.6.2 Middle East and Africa Commutator Consumption by Countries
 - 5.6.3 Turkey
 - 5.6.4 Saudi Arabia
 - 5.6.5 UAE

6 MARKET SIZE BY TYPE (2015-2026)

- 6.1 Global Commutator Market Size by Type (2015-2020)
 - 6.1.1 Global Commutator Production by Type (2015-2020)
 - 6.1.2 Global Commutator Revenue by Type (2015-2020)
 - 6.1.3 Commutator Price by Type (2015-2020)
- 6.2 Global Commutator Market Forecast by Type (2021-2026)
 - 6.2.1 Global Commutator Production Forecast by Type (2021-2026)
 - 6.2.2 Global Commutator Revenue Forecast by Type (2021-2026)
 - 6.2.3 Global Commutator Price Forecast by Type (2021-2026)
- 6.3 Global Commutator Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

7 MARKET SIZE BY APPLICATION (2015-2026)

- 7.2.1 Global Commutator Consumption Historic Breakdown by Application (2015-2020)
 - 7.2.2 Global Commutator Consumption Forecast by Application (2021-2026)

8 CORPORATE PROFILES

- 8.1 Kolektor
 - 8.1.1 Kolektor Corporation Information
 - 8.1.2 Kolektor Overview and Its Total Revenue
- 8.1.3 Kolektor Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)



- 8.1.4 Kolektor Product Description
- 8.1.5 Kolektor Recent Development
- 8.2 Huarui Electric
 - 8.2.1 Huarui Electric Corporation Information
 - 8.2.2 Huarui Electric Overview and Its Total Revenue
- 8.2.3 Huarui Electric Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.2.4 Huarui Electric Product Description
- 8.2.5 Huarui Electric Recent Development
- 8.3 Kaizhong
 - 8.3.1 Kaizhong Corporation Information
 - 8.3.2 Kaizhong Overview and Its Total Revenue
- 8.3.3 Kaizhong Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.3.4 Kaizhong Product Description
- 8.3.5 Kaizhong Recent Development
- 8.4 Angu
 - 8.4.1 Angu Corporation Information
 - 8.4.2 Angu Overview and Its Total Revenue
- 8.4.3 Angu Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.4.4 Angu Product Description
 - 8.4.5 Angu Recent Development
- 8.5 Sugiyama
 - 8.5.1 Sugiyama Corporation Information
 - 8.5.2 Sugiyama Overview and Its Total Revenue
- 8.5.3 Sugiyama Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.5.4 Sugiyama Product Description
 - 8.5.5 Sugiyama Recent Development
- 8.6 Great Wall
 - 8.6.1 Great Wall Corporation Information
 - 8.6.2 Great Wall Overview and Its Total Revenue
- 8.6.3 Great Wall Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.6.4 Great Wall Product Description
- 8.6.5 Great Wall Recent Development
- 8.7 Nettelhoff
- 8.7.1 Nettelhoff Corporation Information



- 8.7.2 Nettelhoff Overview and Its Total Revenue
- 8.7.3 Nettelhoff Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.7.4 Nettelhoff Product Description
 - 8.7.5 Nettelhoff Recent Development
- 8.8 Lifeng
 - 8.8.1 Lifeng Corporation Information
 - 8.8.2 Lifeng Overview and Its Total Revenue
- 8.8.3 Lifeng Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.8.4 Lifeng Product Description
- 8.8.5 Lifeng Recent Development
- 8.9 Suzhou Kegu
 - 8.9.1 Suzhou Kegu Corporation Information
 - 8.9.2 Suzhou Kegu Overview and Its Total Revenue
- 8.9.3 Suzhou Kegu Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.9.4 Suzhou Kegu Product Description
 - 8.9.5 Suzhou Kegu Recent Development
- 8.10 Electric Materials
 - 8.10.1 Electric Materials Corporation Information
 - 8.10.2 Electric Materials Overview and Its Total Revenue
- 8.10.3 Electric Materials Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.10.4 Electric Materials Product Description
 - 8.10.5 Electric Materials Recent Development
- 8.11 Takachiho
 - 8.11.1 Takachiho Corporation Information
 - 8.11.2 Takachiho Overview and Its Total Revenue
- 8.11.3 Takachiho Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.11.4 Takachiho Product Description
 - 8.11.5 Takachiho Recent Development
- 8.12 TRIS
 - 8.12.1 TRIS Corporation Information
 - 8.12.2 TRIS Overview and Its Total Revenue
- 8.12.3 TRIS Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.12.4 TRIS Product Description



- 8.12.5 TRIS Recent Development
- 8.13 MAM
 - 8.13.1 MAM Corporation Information
 - 8.13.2 MAM Overview and Its Total Revenue
- 8.13.3 MAM Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.13.4 MAM Product Description
- 8.13.5 MAM Recent Development
- 8.14 Toledo
 - 8.14.1 Toledo Corporation Information
 - 8.14.2 Toledo Overview and Its Total Revenue
- 8.14.3 Toledo Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
 - 8.14.4 Toledo Product Description
 - 8.14.5 Toledo Recent Development

9 PRODUCTION FORECASTS BY REGIONS

- 9.1 Global Top Commutator Regions Forecast by Revenue (2021-2026)
- 9.2 Global Top Commutator Regions Forecast by Production (2021-2026)
- 9.3 Key Commutator Production Regions Forecast
 - 9.3.1 North America
 - 9.3.2 Europe
 - 9.3.3 China
 - 9.3.4 Japan

10 COMMUTATOR CONSUMPTION FORECAST BY REGION

- 10.1 Global Commutator Consumption Forecast by Region (2021-2026)
- 10.2 North America Commutator Consumption Forecast by Region (2021-2026)
- 10.3 Europe Commutator Consumption Forecast by Region (2021-2026)
- 10.4 Asia Pacific Commutator Consumption Forecast by Region (2021-2026)
- 10.5 Latin America Commutator Consumption Forecast by Region (2021-2026)
- 10.6 Middle East and Africa Commutator Consumption Forecast by Region (2021-2026)

11 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 11.1 Value Chain Analysis
- 11.2 Sales Channels Analysis



- 11.2.1 Commutator Sales Channels
- 11.2.2 Commutator Distributors
- 11.3 Commutator Customers

12 MARKET OPPORTUNITIES & CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

- 12.1 Market Opportunities and Drivers
- 12.2 Market Challenges
- 12.3 Market Risks/Restraints
- 12.4 Porter's Five Forces Analysis

13 KEY FINDING IN THE GLOBAL COMMUTATOR STUDY

14 APPENDIX

- 14.1 Research Methodology
 - 14.1.1 Methodology/Research Approach
 - 14.1.2 Data Source
- 14.2 Author Details
- 14.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. Commutator Key Market Segments in This Study
- Table 2. Ranking of Global Top Commutator Manufacturers by Revenue (US\$ Million) in 2019
- Table 3. Global Commutator Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)
- Table 4. Major Manufacturers of Groove Commutator
- Table 5. Major Manufacturers of Hook Type Commutator
- Table 6. Major Manufacturers of Others
- Table 7. COVID-19 Impact Global Market: (Four Commutator Market Size Forecast Scenarios)
- Table 8. Opportunities and Trends for Commutator Players in the COVID-19 Landscape
- Table 9. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis
- Table 10. Key Regions/Countries Measures against Covid-19 Impact
- Table 11. Proposal for Commutator Players to Combat Covid-19 Impact
- Table 12. Global Commutator Market Size Growth Rate by Application 2020-2026 (K Units)
- Table 13. Global Commutator Market Size by Region in US\$ Million: 2015 VS 2020 VS 2026
- Table 14. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Global Commutator by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Commutator as of 2019)
- Table 16. Commutator Manufacturing Base Distribution and Headquarters
- Table 17. Manufacturers Commutator Product Offered
- Table 18. Date of Manufacturers Enter into Commutator Market
- Table 19. Key Trends for Commutator Markets & Products
- Table 20. Main Points Interviewed from Key Commutator Players
- Table 21. Global Commutator Production Capacity by Manufacturers (2015-2020) (K Units)
- Table 22. Global Commutator Production Share by Manufacturers (2015-2020)
- Table 23. Commutator Revenue by Manufacturers (2015-2020) (Million US\$)
- Table 24. Commutator Revenue Share by Manufacturers (2015-2020)
- Table 25. Commutator Price by Manufacturers 2015-2020 (USD/Unit)
- Table 26. Mergers & Acquisitions, Expansion Plans
- Table 27. Global Commutator Production by Regions (2015-2020) (K Units)
- Table 28. Global Commutator Production Market Share by Regions (2015-2020)



- Table 29. Global Commutator Revenue by Regions (2015-2020) (US\$ Million)
- Table 30. Global Commutator Revenue Market Share by Regions (2015-2020)
- Table 31. Key Commutator Players in North America
- Table 32. Import & Export of Commutator in North America (K Units)
- Table 33. Key Commutator Players in Europe
- Table 34. Import & Export of Commutator in Europe (K Units)
- Table 35. Key Commutator Players in China
- Table 36. Import & Export of Commutator in China (K Units)
- Table 37. Key Commutator Players in Japan
- Table 38. Import & Export of Commutator in Japan (K Units)
- Table 39. Global Commutator Consumption by Regions (2015-2020) (K Units)
- Table 40. Global Commutator Consumption Market Share by Regions (2015-2020)
- Table 41. North America Commutator Consumption by Application (2015-2020) (K Units)
- Table 42. North America Commutator Consumption by Countries (2015-2020) (K Units)
- Table 43. Europe Commutator Consumption by Application (2015-2020) (K Units)
- Table 44. Europe Commutator Consumption by Countries (2015-2020) (K Units)
- Table 45. Asia Pacific Commutator Consumption by Application (2015-2020) (K Units)
- Table 46. Asia Pacific Commutator Consumption Market Share by Application (2015-2020) (K Units)
- Table 47. Asia Pacific Commutator Consumption by Regions (2015-2020) (K Units)
- Table 48. Latin America Commutator Consumption by Application (2015-2020) (K Units)
- Table 49. Latin America Commutator Consumption by Countries (2015-2020) (K Units)
- Table 50. Middle East and Africa Commutator Consumption by Application (2015-2020) (K Units)
- Table 51. Middle East and Africa Commutator Consumption by Countries (2015-2020) (K Units)
- Table 52. Global Commutator Production by Type (2015-2020) (K Units)
- Table 53. Global Commutator Production Share by Type (2015-2020)
- Table 54. Global Commutator Revenue by Type (2015-2020) (Million US\$)
- Table 55. Global Commutator Revenue Share by Type (2015-2020)
- Table 56. Commutator Price by Type 2015-2020 (USD/Unit)
- Table 57. Global Commutator Consumption by Application (2015-2020) (K Units)
- Table 58. Global Commutator Consumption by Application (2015-2020) (K Units)
- Table 59. Global Commutator Consumption Share by Application (2015-2020)
- Table 60. Kolektor Corporation Information
- Table 61. Kolektor Description and Major Businesses
- Table 62. Kolektor Commutator Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)



- Table 63. Kolektor Product
- Table 64. Kolektor Recent Development
- Table 65. Huarui Electric Corporation Information
- Table 66. Huarui Electric Description and Major Businesses
- Table 67. Huarui Electric Commutator Production (K Units), Revenue (US\$ Million),
- Price (USD/Unit) and Gross Margin (2015-2020)
- Table 68. Huarui Electric Product
- Table 69. Huarui Electric Recent Development
- Table 70. Kaizhong Corporation Information
- Table 71. Kaizhong Description and Major Businesses
- Table 72. Kaizhong Commutator Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 73. Kaizhong Product
- Table 74. Kaizhong Recent Development
- Table 75. Angu Corporation Information
- Table 76. Angu Description and Major Businesses
- Table 77. Angu Commutator Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 78. Angu Product
- Table 79. Angu Recent Development
- Table 80. Sugiyama Corporation Information
- Table 81. Sugiyama Description and Major Businesses
- Table 82. Sugiyama Commutator Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 83. Sugiyama Product
- Table 84. Sugiyama Recent Development
- Table 85. Great Wall Corporation Information
- Table 86. Great Wall Description and Major Businesses
- Table 87. Great Wall Commutator Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 88. Great Wall Product
- Table 89. Great Wall Recent Development
- Table 90. Nettelhoff Corporation Information
- Table 91. Nettelhoff Description and Major Businesses
- Table 92. Nettelhoff Commutator Production (K Units), Revenue (US\$ Million), Price
- (USD/Unit) and Gross Margin (2015-2020)
- Table 93. Nettelhoff Product
- Table 94. Nettelhoff Recent Development
- Table 95. Lifeng Corporation Information



Table 96. Lifeng Description and Major Businesses

Table 97. Lifeng Commutator Production (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2015-2020)

Table 98. Lifeng Product

Table 99. Lifeng Recent Development

Table 100. Suzhou Kegu Corporation Information

Table 101. Suzhou Kegu Description and Major Businesses

Table 102. Suzhou Kegu Commutator Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2015-2020)

Table 103. Suzhou Kegu Product

Table 104. Suzhou Kegu Recent Development

Table 105. Electric Materials Corporation Information

Table 106. Electric Materials Description and Major Businesses

Table 107. Electric Materials Commutator Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2015-2020)

Table 108. Electric Materials Product

Table 109. Electric Materials Recent Development

Table 110. Takachiho Corporation Information

Table 111. Takachiho Description and Major Businesses

Table 112. Takachiho Commutator Production (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2015-2020)

Table 113. Takachiho Product

Table 114. Takachiho Recent Development

Table 115. TRIS Corporation Information

Table 116. TRIS Description and Major Businesses

Table 117. TRIS Commutator Production (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2015-2020)

Table 118. TRIS Product

Table 119. TRIS Recent Development

Table 120. MAM Corporation Information

Table 121. MAM Description and Major Businesses

Table 122. MAM Commutator Production (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2015-2020)

Table 123. MAM Product

Table 124. MAM Recent Development

Table 125. Toledo Corporation Information

Table 126. Toledo Description and Major Businesses

Table 127. Toledo Commutator Production (K Units), Revenue (US\$ Million), Price

(USD/Unit) and Gross Margin (2015-2020)



- Table 128. Toledo Product
- Table 129. Toledo Recent Development
- Table 130. Global Commutator Revenue Forecast by Region (2021-2026) (Million US\$)
- Table 131. Global Commutator Production Forecast by Regions (2021-2026) (K Units)
- Table 132. Global Commutator Production Forecast by Type (2021-2026) (K Units)
- Table 133. Global Commutator Revenue Forecast by Type (2021-2026) (Million US\$)
- Table 134. North America Commutator Consumption Forecast by Regions (2021-2026) (K Units)
- Table 135. Europe Commutator Consumption Forecast by Regions (2021-2026) (K Units)
- Table 136. Asia Pacific Commutator Consumption Forecast by Regions (2021-2026) (K Units)
- Table 137. Latin America Commutator Consumption Forecast by Regions (2021-2026) (K Units)
- Table 138. Middle East and Africa Commutator Consumption Forecast by Regions (2021-2026) (K Units)
- Table 139. Commutator Distributors List
- Table 140. Commutator Customers List
- Table 141. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 142. Key Challenges
- Table 143. Market Risks
- Table 144. Research Programs/Design for This Report
- Table 145. Key Data Information from Secondary Sources
- Table 146. Key Data Information from Primary Sources



List Of Figures

LIST OF FIGURES

- Figure 1. Commutator Product Picture
- Figure 2. Global Commutator Production Market Share by Type in 2020 & 2026
- Figure 3. Groove Commutator Product Picture
- Figure 4. Hook Type Commutator Product Picture
- Figure 5. Others Product Picture
- Figure 6. Global Commutator Consumption Market Share by Application in 2020 & 2026
- Figure 7. Automatic Industry
- Figure 8. Household Appliances
- Figure 9. Power Tools
- Figure 10. Others
- Figure 11. Commutator Report Years Considered
- Figure 12. Global Commutator Revenue 2015-2026 (Million US\$)
- Figure 13. Global Commutator Production Capacity 2015-2026 (K Units)
- Figure 14. Global Commutator Production 2015-2026 (K Units)
- Figure 15. Global Commutator Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 16. Commutator Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 17. Global Commutator Production Share by Manufacturers in 2015
- Figure 18. The Top 10 and Top 5 Players Market Share by Commutator Revenue in 2019
- Figure 19. Global Commutator Production Market Share by Region (2015-2020)
- Figure 20. Commutator Production Growth Rate in North America (2015-2020) (K Units)
- Figure 21. Commutator Revenue Growth Rate in North America (2015-2020) (US\$ Million)
- Figure 22. Commutator Production Growth Rate in Europe (2015-2020) (K Units)
- Figure 23. Commutator Revenue Growth Rate in Europe (2015-2020) (US\$ Million)
- Figure 24. Commutator Production Growth Rate in China (2015-2020) (K Units)
- Figure 25. Commutator Revenue Growth Rate in China (2015-2020) (US\$ Million)
- Figure 26. Commutator Production Growth Rate in Japan (2015-2020) (K Units)
- Figure 27. Commutator Revenue Growth Rate in Japan (2015-2020) (US\$ Million)
- Figure 28. Global Commutator Consumption Market Share by Regions 2015-2020
- Figure 29. North America Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 30. North America Commutator Consumption Market Share by Application in



2019

- Figure 31. North America Commutator Consumption Market Share by Countries in 2019
- Figure 32. U.S. Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 33. Canada Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 34. Europe Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 35. Europe Commutator Consumption Market Share by Application in 2019
- Figure 36. Europe Commutator Consumption Market Share by Countries in 2019
- Figure 37. Germany Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 38. France Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 39. U.K. Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 40. Italy Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 41. Russia Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 42. Asia Pacific Commutator Consumption and Growth Rate (K Units)
- Figure 43. Asia Pacific Commutator Consumption Market Share by Application in 2019
- Figure 44. Asia Pacific Commutator Consumption Market Share by Regions in 2019
- Figure 45. China Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 46. Japan Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 47. South Korea Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 48. India Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 49. Australia Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 50. Taiwan Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 51. Indonesia Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 52. Thailand Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 53. Malaysia Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 54. Philippines Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 55. Vietnam Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 56. Latin America Commutator Consumption and Growth Rate (K Units)
- Figure 57. Latin America Commutator Consumption Market Share by Application in 2019
- Figure 58. Latin America Commutator Consumption Market Share by Countries in 2019
- Figure 59. Mexico Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 60. Brazil Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 61. Argentina Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 62. Middle East and Africa Commutator Consumption and Growth Rate (K Units)
- Figure 63. Middle East and Africa Commutator Consumption Market Share by Application in 2019
- Figure 64. Middle East and Africa Commutator Consumption Market Share by Countries



in 2019

- Figure 65. Turkey Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 66. Saudi Arabia Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 67. UAE Commutator Consumption and Growth Rate (2015-2020) (K Units)
- Figure 68. Global Commutator Production Market Share by Type (2015-2020)
- Figure 69. Global Commutator Production Market Share by Type in 2019
- Figure 70. Global Commutator Revenue Market Share by Type (2015-2020)
- Figure 71. Global Commutator Revenue Market Share by Type in 2019
- Figure 72. Global Commutator Production Market Share Forecast by Type (2021-2026)
- Figure 73. Global Commutator Revenue Market Share Forecast by Type (2021-2026)
- Figure 74. Global Commutator Market Share by Price Range (2015-2020)
- Figure 75. Global Commutator Consumption Market Share by Application (2015-2020)
- Figure 76. Global Commutator Value (Consumption) Market Share by Application (2015-2020)
- Figure 77. Global Commutator Consumption Market Share Forecast by Application (2021-2026)
- Figure 78. Kolektor Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 79. Huarui Electric Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 80. Kaizhong Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 81. Angu Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 82. Sugiyama Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 83. Great Wall Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 84. Nettelhoff Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 85. Lifeng Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 86. Suzhou Kegu Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 87. Electric Materials Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 88. Takachiho Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 89. TRIS Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 90. MAM Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 91. Toledo Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 92. Global Commutator Revenue Forecast by Regions (2021-2026) (US\$ Million)
- Figure 93. Global Commutator Revenue Market Share Forecast by Regions ((2021-2026))
- Figure 94. Global Commutator Production Forecast by Regions (2021-2026) (K Units)
- Figure 95. North America Commutator Production Forecast (2021-2026) (K Units)
- Figure 96. North America Commutator Revenue Forecast (2021-2026) (US\$ Million)
- Figure 97. Europe Commutator Production Forecast (2021-2026) (K Units)
- Figure 98. Europe Commutator Revenue Forecast (2021-2026) (US\$ Million)



Figure 99. China Commutator Production Forecast (2021-2026) (K Units)

Figure 100. China Commutator Revenue Forecast (2021-2026) (US\$ Million)

Figure 101. Japan Commutator Production Forecast (2021-2026) (K Units)

Figure 102. Japan Commutator Revenue Forecast (2021-2026) (US\$ Million)

Figure 103. Global Commutator Consumption Market Share Forecast by Region (2021-2026)

Figure 104. Commutator Value Chain

Figure 105. Channels of Distribution

Figure 106. Distributors Profiles

Figure 107. Porter's Five Forces Analysis

Figure 108. Bottom-up and Top-down Approaches for This Report

Figure 109. Data Triangulation

Figure 110. Key Executives Interviewed



I would like to order

Product name: Global Commutator Market Insights, Forecast to 2026
Product link: https://marketpublishers.com/r/G9F8D30255D6EN.html

Price: US\$ 4,900.00 (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/G9F8D30255D6EN.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 and fax the completed form to +44 20 7900 3970