

Global Rotary Friction Welding Machines Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/GBB800B2F5CEN.html>

Date: February 2022

Pages: 103

Price: US\$ 3,480.00 (Single User License)

ID: GBB800B2F5CEN

Abstracts

The Rotary Friction Welding Machines market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global Rotary Friction Welding Machines market size is estimated to be worth US\$ 208.9 million in 2021 and is forecast to a readjusted size of USD 259.7 million by 2028 with a CAGR of 3.2% during review period. Automotive Manufacturing accounting for % of the Rotary Friction Welding Machines global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While Inertia Rotary Friction Welding segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of Rotary Friction Welding Machines include Thompson (KUKA UK), MTI (USA), NITTO SEIKI (Japan), Izumi Machine (Japan), and H&B OMEGA Europa GmbH (Germany), etc. In terms of revenue, the global top four players hold a share over % in 2021.

Market segmentation

Rotary Friction Welding Machines market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales by Type and by Application in terms of volume and value. This

analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type, covers

Inertia Rotary Friction Welding

Continuous Drive Rotary Friction Welding

Market segment by Application can be divided into

Automotive Manufacturing

Cutting Tool Manufacturing

Aviation and Shipbuilding

Machine Diverse Components

Others

The key market players for global Rotary Friction Welding Machines market are listed below:

Thompson (KUKA UK)

MTI (USA)

NITTO SEIKI (Japan)

Izumi Machine (Japan)

H&B OMEGA Europa GmbH (Germany)

ETA (India)

U-Jin Tech (Korea)

Sakae Industries (Japan)

Gatwick (UK)

YUAN YU Industrial (Taiwan)

An Gen Machine (Taiwan)

Jiangsu RCM (China)

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Rotary Friction Welding Machines product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Rotary Friction Welding Machines, with price, sales, revenue and global market share of Rotary Friction Welding Machines from 2019 to 2022.

Chapter 3, the Rotary Friction Welding Machines competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rotary Friction Welding Machines breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022. and Rotary Friction Welding Machines market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of Rotary Friction Welding Machines.

Chapter 13, 14, and 15, to describe Rotary Friction Welding Machines sales channel, distributors, customers, research findings and conclusion, appendix and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Rotary Friction Welding Machines Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Overview: Global Rotary Friction Welding Machines Revenue by Type: 2017 Versus 2021 Versus 2028
 - 1.2.2 Inertia Rotary Friction Welding
 - 1.2.3 Continuous Drive Rotary Friction Welding
- 1.3 Market Analysis by Application
 - 1.3.1 Overview: Global Rotary Friction Welding Machines Revenue by Application: 2017 Versus 2021 Versus 2028
 - 1.3.2 Automotive Manufacturing
 - 1.3.3 Cutting Tool Manufacturing
 - 1.3.4 Aviation and Shipbuilding
 - 1.3.5 Machine Diverse Components
 - 1.3.6 Others
- 1.4 Global Rotary Friction Welding Machines Market Size & Forecast
 - 1.4.1 Global Rotary Friction Welding Machines Sales in Value (2017 & 2021 & 2028)
 - 1.4.2 Global Rotary Friction Welding Machines Sales in Volume (2017-2028)
 - 1.4.3 Global Rotary Friction Welding Machines Price (2017-2028)
- 1.5 Global Rotary Friction Welding Machines Production Capacity Analysis
 - 1.5.1 Global Rotary Friction Welding Machines Total Production Capacity (2017-2028)
 - 1.5.2 Global Rotary Friction Welding Machines Production Capacity by Geographic Region
- 1.6 Market Drivers, Restraints and Trends
 - 1.6.1 Rotary Friction Welding Machines Market Drivers
 - 1.6.2 Rotary Friction Welding Machines Market Restraints
 - 1.6.3 Rotary Friction Welding Machines Trends Analysis

2 MANUFACTURERS PROFILES

- 2.1 Thompson (KUKA UK)
 - 2.1.1 Thompson (KUKA UK) Details
 - 2.1.2 Thompson (KUKA UK) Major Business
 - 2.1.3 Thompson (KUKA UK) Rotary Friction Welding Machines Product and Services
 - 2.1.4 Thompson (KUKA UK) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.2 MTI (USA)

2.2.1 MTI (USA) Details

2.2.2 MTI (USA) Major Business

2.2.3 MTI (USA) Rotary Friction Welding Machines Product and Services

2.2.4 MTI (USA) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.3 NITTO SEIKI (Japan)

2.3.1 NITTO SEIKI (Japan) Details

2.3.2 NITTO SEIKI (Japan) Major Business

2.3.3 NITTO SEIKI (Japan) Rotary Friction Welding Machines Product and Services

2.3.4 NITTO SEIKI (Japan) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.4 Izumi Machine (Japan)

2.4.1 Izumi Machine (Japan) Details

2.4.2 Izumi Machine (Japan) Major Business

2.4.3 Izumi Machine (Japan) Rotary Friction Welding Machines Product and Services

2.4.4 Izumi Machine (Japan) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.5 H&B OMEGA Europa GmbH (Germany)

2.5.1 H&B OMEGA Europa GmbH (Germany) Details

2.5.2 H&B OMEGA Europa GmbH (Germany) Major Business

2.5.3 H&B OMEGA Europa GmbH (Germany) Rotary Friction Welding Machines Product and Services

2.5.4 H&B OMEGA Europa GmbH (Germany) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.6 ETA (India)

2.6.1 ETA (India) Details

2.6.2 ETA (India) Major Business

2.6.3 ETA (India) Rotary Friction Welding Machines Product and Services

2.6.4 ETA (India) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.7 U-Jin Tech (Korea)

2.7.1 U-Jin Tech (Korea) Details

2.7.2 U-Jin Tech (Korea) Major Business

2.7.3 U-Jin Tech (Korea) Rotary Friction Welding Machines Product and Services

2.7.4 U-Jin Tech (Korea) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.8 Sakae Industries (Japan)

2.8.1 Sakae Industries (Japan) Details

2.8.2 Sakae Industries (Japan) Major Business

2.8.3 Sakae Industries (Japan) Rotary Friction Welding Machines Product and Services

2.8.4 Sakae Industries (Japan) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.9 Gatwick (UK)

2.9.1 Gatwick (UK) Details

2.9.2 Gatwick (UK) Major Business

2.9.3 Gatwick (UK) Rotary Friction Welding Machines Product and Services

2.9.4 Gatwick (UK) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.10 YUAN YU Industrial (Taiwan)

2.10.1 YUAN YU Industrial (Taiwan) Details

2.10.2 YUAN YU Industrial (Taiwan) Major Business

2.10.3 YUAN YU Industrial (Taiwan) Rotary Friction Welding Machines Product and Services

2.10.4 YUAN YU Industrial (Taiwan) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.11 An Gen Machine (Taiwan)

2.11.1 An Gen Machine (Taiwan) Details

2.11.2 An Gen Machine (Taiwan) Major Business

2.11.3 An Gen Machine (Taiwan) Rotary Friction Welding Machines Product and Services

2.11.4 An Gen Machine (Taiwan) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.12 Jiangsu RCM (China)

2.12.1 Jiangsu RCM (China) Details

2.12.2 Jiangsu RCM (China) Major Business

2.12.3 Jiangsu RCM (China) Rotary Friction Welding Machines Product and Services

2.12.4 Jiangsu RCM (China) Rotary Friction Welding Machines Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

3 ROTARY FRICTION WELDING MACHINES BREAKDOWN DATA BY MANUFACTURER

3.1 Global Rotary Friction Welding Machines Sales in Volume by Manufacturer (2019, 2020, 2021, and 2022)

3.2 Global Rotary Friction Welding Machines Revenue by Manufacturer (2019, 2020, 2021, and 2022)

- 3.3 Key Manufacturer Market Position in Rotary Friction Welding Machines
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Rotary Friction Welding Machines Manufacturer Market Share in 2021
 - 3.4.2 Top 6 Rotary Friction Welding Machines Manufacturer Market Share in 2021
- 3.5 Global Rotary Friction Welding Machines Production Capacity by Company: 2021 VS 2022
- 3.6 Manufacturer by Geography: Head Office and Rotary Friction Welding Machines Production Site
- 3.7 New Entrant and Capacity Expansion Plans
- 3.8 Mergers & Acquisitions

4 MARKET ANALYSIS BY REGION

- 4.1 Global Rotary Friction Welding Machines Market Size by Region
 - 4.1.1 Global Rotary Friction Welding Machines Sales in Volume by Region (2017-2028)
 - 4.1.2 Global Rotary Friction Welding Machines Revenue by Region (2017-2028)
- 4.2 North America Rotary Friction Welding Machines Revenue (2017-2028)
- 4.3 Europe Rotary Friction Welding Machines Revenue (2017-2028)
- 4.4 Asia-Pacific Rotary Friction Welding Machines Revenue (2017-2028)
- 4.5 South America Rotary Friction Welding Machines Revenue (2017-2028)
- 4.6 Middle East and Africa Rotary Friction Welding Machines Revenue (2017-2028)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Rotary Friction Welding Machines Sales in Volume by Type (2017-2028)
- 5.2 Global Rotary Friction Welding Machines Revenue by Type (2017-2028)
- 5.3 Global Rotary Friction Welding Machines Price by Type (2017-2028)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Rotary Friction Welding Machines Sales in Volume by Application (2017-2028)
- 6.2 Global Rotary Friction Welding Machines Revenue by Application (2017-2028)
- 6.3 Global Rotary Friction Welding Machines Price by Application (2017-2028)

7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION

- 7.1 North America Rotary Friction Welding Machines Sales by Type (2017-2028)

7.2 North America Rotary Friction Welding Machines Sales by Application (2017-2028)

7.3 North America Rotary Friction Welding Machines Market Size by Country

7.3.1 North America Rotary Friction Welding Machines Sales in Volume by Country (2017-2028)

7.3.2 North America Rotary Friction Welding Machines Revenue by Country (2017-2028)

7.3.3 United States Market Size and Forecast (2017-2028)

7.3.4 Canada Market Size and Forecast (2017-2028)

7.3.5 Mexico Market Size and Forecast (2017-2028)

8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION

8.1 Europe Rotary Friction Welding Machines Sales by Type (2017-2028)

8.2 Europe Rotary Friction Welding Machines Sales by Application (2017-2028)

8.3 Europe Rotary Friction Welding Machines Market Size by Country

8.3.1 Europe Rotary Friction Welding Machines Sales in Volume by Country (2017-2028)

8.3.2 Europe Rotary Friction Welding Machines Revenue by Country (2017-2028)

8.3.3 Germany Market Size and Forecast (2017-2028)

8.3.4 France Market Size and Forecast (2017-2028)

8.3.5 United Kingdom Market Size and Forecast (2017-2028)

8.3.6 Russia Market Size and Forecast (2017-2028)

8.3.7 Italy Market Size and Forecast (2017-2028)

9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION

9.1 Asia-Pacific Rotary Friction Welding Machines Sales by Type (2017-2028)

9.2 Asia-Pacific Rotary Friction Welding Machines Sales by Application (2017-2028)

9.3 Asia-Pacific Rotary Friction Welding Machines Market Size by Region

9.3.1 Asia-Pacific Rotary Friction Welding Machines Sales in Volume by Region (2017-2028)

9.3.2 Asia-Pacific Rotary Friction Welding Machines Revenue by Region (2017-2028)

9.3.3 China Market Size and Forecast (2017-2028)

9.3.4 Japan Market Size and Forecast (2017-2028)

9.3.5 Korea Market Size and Forecast (2017-2028)

9.3.6 India Market Size and Forecast (2017-2028)

9.3.7 Southeast Asia Market Size and Forecast (2017-2028)

9.3.8 Australia Market Size and Forecast (2017-2028)

10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION

10.1 South America Rotary Friction Welding Machines Sales by Type (2017-2028)

10.2 South America Rotary Friction Welding Machines Sales by Application (2017-2028)

10.3 South America Rotary Friction Welding Machines Market Size by Country

10.3.1 South America Rotary Friction Welding Machines Sales in Volume by Country (2017-2028)

10.3.2 South America Rotary Friction Welding Machines Revenue by Country (2017-2028)

10.3.3 Brazil Market Size and Forecast (2017-2028)

10.3.4 Argentina Market Size and Forecast (2017-2028)

11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION

11.1 Middle East & Africa Rotary Friction Welding Machines Sales by Type (2017-2028)

11.2 Middle East & Africa Rotary Friction Welding Machines Sales by Application (2017-2028)

11.3 Middle East & Africa Rotary Friction Welding Machines Market Size by Country

11.3.1 Middle East & Africa Rotary Friction Welding Machines Sales in Volume by Country (2017-2028)

11.3.2 Middle East & Africa Rotary Friction Welding Machines Revenue by Country (2017-2028)

11.3.3 Turkey Market Size and Forecast (2017-2028)

11.3.4 Egypt Market Size and Forecast (2017-2028)

11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)

11.3.6 South Africa Market Size and Forecast (2017-2028)

12 RAW MATERIAL AND INDUSTRY CHAIN

12.1 Raw Material of Rotary Friction Welding Machines and Key Manufacturers

12.2 Manufacturing Costs Percentage of Rotary Friction Welding Machines

12.3 Rotary Friction Welding Machines Production Process

12.4 Rotary Friction Welding Machines Industrial Chain

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

- 13.1.2 Indirect Marketing
- 13.2 Rotary Friction Welding Machines Typical Distributors
- 13.3 Rotary Friction Welding Machines Typical Customers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Research Process and Data Source
- 15.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Rotary Friction Welding Machines Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global Rotary Friction Welding Machines Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. Thompson (KUKA UK) Basic Information, Manufacturing Base and Competitors

Table 4. Thompson (KUKA UK) Major Business

Table 5. Thompson (KUKA UK) Rotary Friction Welding Machines Product and Services

Table 6. Thompson (KUKA UK) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. MTI (USA) Basic Information, Manufacturing Base and Competitors

Table 8. MTI (USA) Major Business

Table 9. MTI (USA) Rotary Friction Welding Machines Product and Services

Table 10. MTI (USA) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. NITTO SEIKI (Japan) Basic Information, Manufacturing Base and Competitors

Table 12. NITTO SEIKI (Japan) Major Business

Table 13. NITTO SEIKI (Japan) Rotary Friction Welding Machines Product and Services

Table 14. NITTO SEIKI (Japan) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Izumi Machine (Japan) Basic Information, Manufacturing Base and Competitors

Table 16. Izumi Machine (Japan) Major Business

Table 17. Izumi Machine (Japan) Rotary Friction Welding Machines Product and Services

Table 18. Izumi Machine (Japan) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. H&B OMEGA Europa GmbH (Germany) Basic Information, Manufacturing Base and Competitors

Table 20. H&B OMEGA Europa GmbH (Germany) Major Business

Table 21. H&B OMEGA Europa GmbH (Germany) Rotary Friction Welding Machines Product and Services

Table 22. H&B OMEGA Europa GmbH (Germany) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. ETA (India) Basic Information, Manufacturing Base and Competitors

Table 24. ETA (India) Major Business

Table 25. ETA (India) Rotary Friction Welding Machines Product and Services

Table 26. ETA (India) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. U-Jin Tech (Korea) Basic Information, Manufacturing Base and Competitors

Table 28. U-Jin Tech (Korea) Major Business

Table 29. U-Jin Tech (Korea) Rotary Friction Welding Machines Product and Services

Table 30. U-Jin Tech (Korea) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 31. Sakae Industries (Japan) Basic Information, Manufacturing Base and Competitors

Table 32. Sakae Industries (Japan) Major Business

Table 33. Sakae Industries (Japan) Rotary Friction Welding Machines Product and Services

Table 34. Sakae Industries (Japan) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 35. Gatwick (UK) Basic Information, Manufacturing Base and Competitors

Table 36. Gatwick (UK) Major Business

Table 37. Gatwick (UK) Rotary Friction Welding Machines Product and Services

Table 38. Gatwick (UK) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 39. YUAN YU Industrial (Taiwan) Basic Information, Manufacturing Base and Competitors

Table 40. YUAN YU Industrial (Taiwan) Major Business

Table 41. YUAN YU Industrial (Taiwan) Rotary Friction Welding Machines Product and Services

Table 42. YUAN YU Industrial (Taiwan) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 43. An Gen Machine (Taiwan) Basic Information, Manufacturing Base and Competitors

Table 44. An Gen Machine (Taiwan) Major Business

Table 45. An Gen Machine (Taiwan) Rotary Friction Welding Machines Product and Services

Table 46. An Gen Machine (Taiwan) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 47. Jiangsu RCM (China) Basic Information, Manufacturing Base and Competitors

Table 48. Jiangsu RCM (China) Major Business

Table 49. Jiangsu RCM (China) Rotary Friction Welding Machines Product and Services

Table 50. Jiangsu RCM (China) Rotary Friction Welding Machines Sales (K Units), Price (K USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 51. Global Rotary Friction Welding Machines Sales by Manufacturer (2019, 2020, 2021, and 2022) & (K Units)

Table 52. Global Rotary Friction Welding Machines Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 53. Market Position of Manufacturers in Rotary Friction Welding Machines, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 54. Global Rotary Friction Welding Machines Production Capacity by Company, (K Units): 2020 VS 2021

Table 55. Head Office and Rotary Friction Welding Machines Production Site of Key Manufacturer

Table 56. Rotary Friction Welding Machines New Entrant and Capacity Expansion Plans

Table 57. Rotary Friction Welding Machines Mergers & Acquisitions in the Past Five Years

Table 58. Global Rotary Friction Welding Machines Sales by Region (2017-2022) & (K Units)

Table 59. Global Rotary Friction Welding Machines Sales by Region (2023-2028) & (K Units)

Table 60. Global Rotary Friction Welding Machines Revenue by Region (2017-2022) & (USD Million)

Table 61. Global Rotary Friction Welding Machines Revenue by Region (2023-2028) & (USD Million)

Table 62. Global Rotary Friction Welding Machines Sales by Type (2017-2022) & (K

Units)

Table 63. Global Rotary Friction Welding Machines Sales by Type (2023-2028) & (K Units)

Table 64. Global Rotary Friction Welding Machines Revenue by Type (2017-2022) & (USD Million)

Table 65. Global Rotary Friction Welding Machines Revenue by Type (2023-2028) & (USD Million)

Table 66. Global Rotary Friction Welding Machines Price by Type (2017-2022) & (K USD/Unit)

Table 67. Global Rotary Friction Welding Machines Price by Type (2023-2028) & (K USD/Unit)

Table 68. Global Rotary Friction Welding Machines Sales by Application (2017-2022) & (K Units)

Table 69. Global Rotary Friction Welding Machines Sales by Application (2023-2028) & (K Units)

Table 70. Global Rotary Friction Welding Machines Revenue by Application (2017-2022) & (USD Million)

Table 71. Global Rotary Friction Welding Machines Revenue by Application (2023-2028) & (USD Million)

Table 72. Global Rotary Friction Welding Machines Price by Application (2017-2022) & (K USD/Unit)

Table 73. Global Rotary Friction Welding Machines Price by Application (2023-2028) & (K USD/Unit)

Table 74. North America Rotary Friction Welding Machines Sales by Country (2017-2022) & (K Units)

Table 75. North America Rotary Friction Welding Machines Sales by Country (2023-2028) & (K Units)

Table 76. North America Rotary Friction Welding Machines Revenue by Country (2017-2022) & (USD Million)

Table 77. North America Rotary Friction Welding Machines Revenue by Country (2023-2028) & (USD Million)

Table 78. North America Rotary Friction Welding Machines Sales by Type (2017-2022) & (K Units)

Table 79. North America Rotary Friction Welding Machines Sales by Type (2023-2028) & (K Units)

Table 80. North America Rotary Friction Welding Machines Sales by Application (2017-2022) & (K Units)

Table 81. North America Rotary Friction Welding Machines Sales by Application (2023-2028) & (K Units)

Table 82. Europe Rotary Friction Welding Machines Sales by Country (2017-2022) & (K Units)

Table 83. Europe Rotary Friction Welding Machines Sales by Country (2023-2028) & (K Units)

Table 84. Europe Rotary Friction Welding Machines Revenue by Country (2017-2022) & (USD Million)

Table 85. Europe Rotary Friction Welding Machines Revenue by Country (2023-2028) & (USD Million)

Table 86. Europe Rotary Friction Welding Machines Sales by Type (2017-2022) & (K Units)

Table 87. Europe Rotary Friction Welding Machines Sales by Type (2023-2028) & (K Units)

Table 88. Europe Rotary Friction Welding Machines Sales by Application (2017-2022) & (K Units)

Table 89. Europe Rotary Friction Welding Machines Sales by Application (2023-2028) & (K Units)

Table 90. Asia-Pacific Rotary Friction Welding Machines Sales by Region (2017-2022) & (K Units)

Table 91. Asia-Pacific Rotary Friction Welding Machines Sales by Region (2023-2028) & (K Units)

Table 92. Asia-Pacific Rotary Friction Welding Machines Revenue by Region (2017-2022) & (USD Million)

Table 93. Asia-Pacific Rotary Friction Welding Machines Revenue by Region (2023-2028) & (USD Million)

Table 94. Asia-Pacific Rotary Friction Welding Machines Sales by Type (2017-2022) & (K Units)

Table 95. Asia-Pacific Rotary Friction Welding Machines Sales by Type (2023-2028) & (K Units)

Table 96. Asia-Pacific Rotary Friction Welding Machines Sales by Application (2017-2022) & (K Units)

Table 97. Asia-Pacific Rotary Friction Welding Machines Sales by Application (2023-2028) & (K Units)

Table 98. South America Rotary Friction Welding Machines Sales by Country (2017-2022) & (K Units)

Table 99. South America Rotary Friction Welding Machines Sales by Country (2023-2028) & (K Units)

Table 100. South America Rotary Friction Welding Machines Revenue by Country (2017-2022) & (USD Million)

Table 101. South America Rotary Friction Welding Machines Revenue by Country

(2023-2028) & (USD Million)

Table 102. South America Rotary Friction Welding Machines Sales by Type
(2017-2022) & (K Units)

Table 103. South America Rotary Friction Welding Machines Sales by Type
(2023-2028) & (K Units)

Table 104. South America Rotary Friction Welding Machines Sales by Application
(2017-2022) & (K Units)

Table 105. South America Rotary Friction Welding Machines Sales by Application
(2023-2028) & (K Units)

Table 106. Middle East & Africa Rotary Friction Welding Machines Sales by Region
(2017-2022) & (K Units)

Table 107. Middle East & Africa Rotary Friction Welding Machines Sales by Region
(2023-2028) & (K Units)

Table 108. Middle East & Africa Rotary Friction Welding Machines Revenue by Region
(2017-2022) & (USD Million)

Table 109. Middle East & Africa Rotary Friction Welding Machines Revenue by Region
(2023-2028) & (USD Million)

Table 110. Middle East & Africa Rotary Friction Welding Machines Sales by Type
(2017-2022) & (K Units)

Table 111. Middle East & Africa Rotary Friction Welding Machines Sales by Type
(2023-2028) & (K Units)

Table 112. Middle East & Africa Rotary Friction Welding Machines Sales by Application
(2017-2022) & (K Units)

Table 113. Middle East & Africa Rotary Friction Welding Machines Sales by Application
(2023-2028) & (K Units)

Table 114. Rotary Friction Welding Machines Raw Material

Table 115. Key Manufacturers of Rotary Friction Welding Machines Raw Materials

Table 116. Direct Channel Pros & Cons

Table 117. Indirect Channel Pros & Cons

Table 118. Rotary Friction Welding Machines Typical Distributors

Table 119. Rotary Friction Welding Machines Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Rotary Friction Welding Machines Picture
- Figure 2. Global Rotary Friction Welding Machines Revenue Market Share by Type in 2021
- Figure 3. Inertia Rotary Friction Welding
- Figure 4. Continuous Drive Rotary Friction Welding
- Figure 5. Global Rotary Friction Welding Machines Revenue Market Share by Application in 2021
- Figure 6. Automotive Manufacturing
- Figure 7. Cutting Tool Manufacturing
- Figure 8. Aviation and Shipbuilding
- Figure 9. Machine Diverse Components
- Figure 10. Others
- Figure 11. Global Rotary Friction Welding Machines Revenue, (USD Million) & (K Units): 2017 & 2021 & 2028
- Figure 12. Global Rotary Friction Welding Machines Revenue and Forecast (2017-2028) & (USD Million)
- Figure 13. Global Rotary Friction Welding Machines Sales (2017-2028) & (K Units)
- Figure 14. Global Rotary Friction Welding Machines Price (2017-2028) & (K USD/Unit)
- Figure 15. Global Rotary Friction Welding Machines Production Capacity (2017-2028) & (K Units)
- Figure 16. Global Rotary Friction Welding Machines Production Capacity by Geographic Region: 2022 VS 2028
- Figure 17. Rotary Friction Welding Machines Market Drivers
- Figure 18. Rotary Friction Welding Machines Market Restraints
- Figure 19. Rotary Friction Welding Machines Market Trends
- Figure 20. Global Rotary Friction Welding Machines Sales Market Share by Manufacturer in 2021
- Figure 21. Global Rotary Friction Welding Machines Revenue Market Share by Manufacturer in 2021
- Figure 22. Rotary Friction Welding Machines Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021
- Figure 23. Top 3 Rotary Friction Welding Machines Manufacturer (Revenue) Market Share in 2021
- Figure 24. Top 6 Rotary Friction Welding Machines Manufacturer (Revenue) Market Share in 2021

Figure 25. Global Rotary Friction Welding Machines Sales Market Share by Region (2017-2028)

Figure 26. Global Rotary Friction Welding Machines Revenue Market Share by Region (2017-2028)

Figure 27. North America Rotary Friction Welding Machines Revenue (2017-2028) & (USD Million)

Figure 28. Europe Rotary Friction Welding Machines Revenue (2017-2028) & (USD Million)

Figure 29. Asia-Pacific Rotary Friction Welding Machines Revenue (2017-2028) & (USD Million)

Figure 30. South America Rotary Friction Welding Machines Revenue (2017-2028) & (USD Million)

Figure 31. Middle East & Africa Rotary Friction Welding Machines Revenue (2017-2028) & (USD Million)

Figure 32. Global Rotary Friction Welding Machines Sales Market Share by Type (2017-2028)

Figure 33. Global Rotary Friction Welding Machines Revenue Market Share by Type (2017-2028)

Figure 34. Global Rotary Friction Welding Machines Price by Type (2017-2028) & (K USD/Unit)

Figure 35. Global Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 36. Global Rotary Friction Welding Machines Revenue Market Share by Application (2017-2028)

Figure 37. Global Rotary Friction Welding Machines Price by Application (2017-2028) & (K USD/Unit)

Figure 38. North America Rotary Friction Welding Machines Sales Market Share by Type (2017-2028)

Figure 39. North America Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 40. North America Rotary Friction Welding Machines Sales Market Share by Country (2017-2028)

Figure 41. North America Rotary Friction Welding Machines Revenue Market Share by Country (2017-2028)

Figure 42. United States Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 43. Canada Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 44. Mexico Rotary Friction Welding Machines Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 45. Europe Rotary Friction Welding Machines Sales Market Share by Type (2017-2028)

Figure 46. Europe Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 47. Europe Rotary Friction Welding Machines Sales Market Share by Country (2017-2028)

Figure 48. Europe Rotary Friction Welding Machines Revenue Market Share by Country (2017-2028)

Figure 49. Germany Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 50. France Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 51. United Kingdom Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 52. Russia Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 53. Italy Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 54. Asia-Pacific Rotary Friction Welding Machines Sales Market Share by Region (2017-2028)

Figure 55. Asia-Pacific Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 56. Asia-Pacific Rotary Friction Welding Machines Sales Market Share by Region (2017-2028)

Figure 57. Asia-Pacific Rotary Friction Welding Machines Revenue Market Share by Region (2017-2028)

Figure 58. China Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 59. Japan Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 60. Korea Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 61. India Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 62. Southeast Asia Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 63. Australia Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 64. South America Rotary Friction Welding Machines Sales Market Share by Type (2017-2028)

Figure 65. South America Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 66. South America Rotary Friction Welding Machines Sales Market Share by Country (2017-2028)

Figure 67. South America Rotary Friction Welding Machines Revenue Market Share by Country (2017-2028)

Figure 68. Brazil Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 69. Argentina Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 70. Middle East & Africa Rotary Friction Welding Machines Sales Market Share by Type (2017-2028)

Figure 71. Middle East & Africa Rotary Friction Welding Machines Sales Market Share by Application (2017-2028)

Figure 72. Middle East & Africa Rotary Friction Welding Machines Sales Market Share by Region (2017-2028)

Figure 73. Middle East & Africa Rotary Friction Welding Machines Revenue Market Share by Region (2017-2028)

Figure 74. Turkey Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 75. Egypt Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 76. Saudi Arabia Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 77. South Africa Rotary Friction Welding Machines Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 78. Manufacturing Cost Structure Analysis of Rotary Friction Welding Machines in 2021

Figure 79. Manufacturing Process Analysis of Rotary Friction Welding Machines

Figure 80. Rotary Friction Welding Machines Industrial Chain

Figure 81. Sales Channel: Direct Channel vs Indirect Channel

Figure 82. Methodology

Figure 83. Research Process and Data Source

I would like to order

Product name: Global Rotary Friction Welding Machines Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/GBB800B2F5CEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBB800B2F5CEN.html>