

Global Rotational Friction Welding Machines Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GE544312F4EGEN.html>

Date: January 2023

Pages: 100

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

ID: GE544312F4EGEN

Abstracts

This report mainly focus on Rotational Friction Welding Machines. Rotational Friction Welding is a solid-state joining process that produces coalescence in metals, or non-metals using the heat developed between two surfaces by a combination of mechanically-induced rotational rubbing motion and applied load.

According to our (Global Info Research) latest study, the global Rotational Friction Welding Machines market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The development of automated production is the main driving force for Rotational Friction Welding Machines market.

This report is a detailed and comprehensive analysis for global Rotational Friction Welding Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Rotational Friction Welding Machines market size and forecasts, in consumption

value (\$ Million), sales quantity (Units), and average selling prices (USD/Unit), 2018-2029

Global Rotational Friction Welding Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (USD/Unit), 2018-2029

Global Rotational Friction Welding Machines market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (USD/Unit), 2018-2029

Global Rotational Friction Welding Machines market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (USD/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Rotational Friction Welding Machines

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Rotational Friction Welding Machines market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KUKA AG, Manufacturing Technology, Inc. (MTI), KVT Bielefeld GmbH, Gatwick Technologies Ltd and ETA Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Rotational Friction Welding Machines market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value 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

Inertia Welding

Direct Drive Welding

Hybrid

Others

Market segment by Application

Automotive

Marine

Aerospace

Oil and Gas Industry

Others

Major players covered

KUKA AG

Manufacturing Technology, Inc. (MTI)

KVT Bielefeld GmbH

Gatwick Technologies Ltd

ETA Technology

NITTO SEIKI

DUKANE AV

MTU AERO ENGINES AG

ESAB

Sirius Electric S.r.l

GD Scara Robot

Jiangsu Kidea Industry

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 Rotational Friction Welding Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rotational Friction Welding Machines, with price, sales, revenue and global market share of Rotational Friction Welding Machines from 2018 to 2023.

Chapter 3, the Rotational Friction Welding Machines competitive situation, sales

quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rotational Friction Welding Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Rotational Friction Welding Machines market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Rotational Friction Welding Machines.

Chapter 14 and 15, to describe Rotational Friction Welding Machines sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Rotational Friction Welding Machines

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Rotational Friction Welding Machines Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Inertia Welding

1.3.3 Direct Drive Welding

1.3.4 Hybrid

1.3.5 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Rotational Friction Welding Machines Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Automotive

1.4.3 Marine

1.4.4 Aerospace

1.4.5 Oil and Gas Industry

1.4.6 Others

1.5 Global Rotational Friction Welding Machines Market Size & Forecast

1.5.1 Global Rotational Friction Welding Machines Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Rotational Friction Welding Machines Sales Quantity (2018-2029)

1.5.3 Global Rotational Friction Welding Machines Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 KUKA AG

2.1.1 KUKA AG Details

2.1.2 KUKA AG Major Business

2.1.3 KUKA AG Rotational Friction Welding Machines Product and Services

2.1.4 KUKA AG Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 KUKA AG Recent Developments/Updates

2.2 Manufacturing Technology, Inc. (MTI)

2.2.1 Manufacturing Technology, Inc. (MTI) Details

2.2.2 Manufacturing Technology, Inc. (MTI) Major Business

2.2.3 Manufacturing Technology, Inc. (MTI) Rotational Friction Welding Machines Product and Services

2.2.4 Manufacturing Technology, Inc. (MTI) Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Manufacturing Technology, Inc. (MTI) Recent Developments/Updates

2.3 KVT Bielefeld GmbH

2.3.1 KVT Bielefeld GmbH Details

2.3.2 KVT Bielefeld GmbH Major Business

2.3.3 KVT Bielefeld GmbH Rotational Friction Welding Machines Product and Services

2.3.4 KVT Bielefeld GmbH Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 KVT Bielefeld GmbH Recent Developments/Updates

2.4 Gatwick Technologies Ltd

2.4.1 Gatwick Technologies Ltd Details

2.4.2 Gatwick Technologies Ltd Major Business

2.4.3 Gatwick Technologies Ltd Rotational Friction Welding Machines Product and Services

2.4.4 Gatwick Technologies Ltd Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Gatwick Technologies Ltd Recent Developments/Updates

2.5 ETA Technology

2.5.1 ETA Technology Details

2.5.2 ETA Technology Major Business

2.5.3 ETA Technology Rotational Friction Welding Machines Product and Services

2.5.4 ETA Technology Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 ETA Technology Recent Developments/Updates

2.6 NITTO SEIKI

2.6.1 NITTO SEIKI Details

2.6.2 NITTO SEIKI Major Business

2.6.3 NITTO SEIKI Rotational Friction Welding Machines Product and Services

2.6.4 NITTO SEIKI Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 NITTO SEIKI Recent Developments/Updates

2.7 DUKANE AV

2.7.1 DUKANE AV Details

2.7.2 DUKANE AV Major Business

2.7.3 DUKANE AV Rotational Friction Welding Machines Product and Services

2.7.4 DUKANE AV Rotational Friction Welding Machines Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 DUKANE AV Recent Developments/Updates

2.8 MTU AERO ENGINES AG

2.8.1 MTU AERO ENGINES AG Details

2.8.2 MTU AERO ENGINES AG Major Business

2.8.3 MTU AERO ENGINES AG Rotational Friction Welding Machines Product and Services

2.8.4 MTU AERO ENGINES AG Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 MTU AERO ENGINES AG Recent Developments/Updates

2.9 ESAB

2.9.1 ESAB Details

2.9.2 ESAB Major Business

2.9.3 ESAB Rotational Friction Welding Machines Product and Services

2.9.4 ESAB Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 ESAB Recent Developments/Updates

2.10 Sirius Electric S.r.l

2.10.1 Sirius Electric S.r.l Details

2.10.2 Sirius Electric S.r.l Major Business

2.10.3 Sirius Electric S.r.l Rotational Friction Welding Machines Product and Services

2.10.4 Sirius Electric S.r.l Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Sirius Electric S.r.l Recent Developments/Updates

2.11 GD Scara Robot

2.11.1 GD Scara Robot Details

2.11.2 GD Scara Robot Major Business

2.11.3 GD Scara Robot Rotational Friction Welding Machines Product and Services

2.11.4 GD Scara Robot Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 GD Scara Robot Recent Developments/Updates

2.12 Jiangsu Kidea Industry

2.12.1 Jiangsu Kidea Industry Details

2.12.2 Jiangsu Kidea Industry Major Business

2.12.3 Jiangsu Kidea Industry Rotational Friction Welding Machines Product and Services

2.12.4 Jiangsu Kidea Industry Rotational Friction Welding Machines Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Jiangsu Kidea Industry Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ROTATIONAL FRICTION WELDING MACHINES BY MANUFACTURER

3.1 Global Rotational Friction Welding Machines Sales Quantity by Manufacturer (2018-2023)

3.2 Global Rotational Friction Welding Machines Revenue by Manufacturer (2018-2023)

3.3 Global Rotational Friction Welding Machines Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Rotational Friction Welding Machines by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Rotational Friction Welding Machines Manufacturer Market Share in 2022

3.4.2 Top 6 Rotational Friction Welding Machines Manufacturer Market Share in 2022

3.5 Rotational Friction Welding Machines Market: Overall Company Footprint Analysis

3.5.1 Rotational Friction Welding Machines Market: Region Footprint

3.5.2 Rotational Friction Welding Machines Market: Company Product Type Footprint

3.5.3 Rotational Friction Welding Machines Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Rotational Friction Welding Machines Market Size by Region

4.1.1 Global Rotational Friction Welding Machines Sales Quantity by Region (2018-2029)

4.1.2 Global Rotational Friction Welding Machines Consumption Value by Region (2018-2029)

4.1.3 Global Rotational Friction Welding Machines Average Price by Region (2018-2029)

4.2 North America Rotational Friction Welding Machines Consumption Value (2018-2029)

4.3 Europe Rotational Friction Welding Machines Consumption Value (2018-2029)

4.4 Asia-Pacific Rotational Friction Welding Machines Consumption Value (2018-2029)

4.5 South America Rotational Friction Welding Machines Consumption Value (2018-2029)

4.6 Middle East and Africa Rotational Friction Welding Machines Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Rotational Friction Welding Machines Sales Quantity by Type (2018-2029)

5.2 Global Rotational Friction Welding Machines Consumption Value by Type (2018-2029)

5.3 Global Rotational Friction Welding Machines Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Rotational Friction Welding Machines Sales Quantity by Application (2018-2029)

6.2 Global Rotational Friction Welding Machines Consumption Value by Application (2018-2029)

6.3 Global Rotational Friction Welding Machines Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Rotational Friction Welding Machines Sales Quantity by Type (2018-2029)

7.2 North America Rotational Friction Welding Machines Sales Quantity by Application (2018-2029)

7.3 North America Rotational Friction Welding Machines Market Size by Country

7.3.1 North America Rotational Friction Welding Machines Sales Quantity by Country (2018-2029)

7.3.2 North America Rotational Friction Welding Machines Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Rotational Friction Welding Machines Sales Quantity by Type (2018-2029)

8.2 Europe Rotational Friction Welding Machines Sales Quantity by Application (2018-2029)

8.3 Europe Rotational Friction Welding Machines Market Size by Country

8.3.1 Europe Rotational Friction Welding Machines Sales Quantity by Country

(2018-2029)

8.3.2 Europe Rotational Friction Welding Machines Consumption Value by Country

(2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Type

(2018-2029)

9.2 Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Application

(2018-2029)

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

9.3.1 Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Region

(2018-2029)

9.3.2 Asia-Pacific Rotational Friction Welding Machines Consumption Value by Region

(2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Rotational Friction Welding Machines Sales Quantity by Type

(2018-2029)

10.2 South America Rotational Friction Welding Machines Sales Quantity by Application

(2018-2029)

10.3 South America Rotational Friction Welding Machines Market Size by Country

10.3.1 South America Rotational Friction Welding Machines Sales Quantity by Country

(2018-2029)

10.3.2 South America Rotational Friction Welding Machines Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Application (2018-2029)

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

11.3.1 Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Rotational Friction Welding Machines Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Rotational Friction Welding Machines Market Drivers

12.2 Rotational Friction Welding Machines Market Restraints

12.3 Rotational Friction Welding Machines Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Rotational Friction Welding Machines and Key Manufacturers

13.2 Manufacturing Costs Percentage of Rotational Friction Welding Machines

13.3 Rotational Friction Welding Machines Production Process

13.4 Rotational Friction Welding Machines Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Rotational Friction Welding Machines Typical Distributors

14.3 Rotational Friction Welding Machines Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Rotational Friction Welding Machines Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Rotational Friction Welding Machines Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. KUKA AG Basic Information, Manufacturing Base and Competitors

Table 4. KUKA AG Major Business

Table 5. KUKA AG Rotational Friction Welding Machines Product and Services

Table 6. KUKA AG Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. KUKA AG Recent Developments/Updates

Table 8. Manufacturing Technology, Inc. (MTI) Basic Information, Manufacturing Base and Competitors

Table 9. Manufacturing Technology, Inc. (MTI) Major Business

Table 10. Manufacturing Technology, Inc. (MTI) Rotational Friction Welding Machines Product and Services

Table 11. Manufacturing Technology, Inc. (MTI) Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Manufacturing Technology, Inc. (MTI) Recent Developments/Updates

Table 13. KVT Bielefeld GmbH Basic Information, Manufacturing Base and Competitors

Table 14. KVT Bielefeld GmbH Major Business

Table 15. KVT Bielefeld GmbH Rotational Friction Welding Machines Product and Services

Table 16. KVT Bielefeld GmbH Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. KVT Bielefeld GmbH Recent Developments/Updates

Table 18. Gatwick Technologies Ltd Basic Information, Manufacturing Base and Competitors

Table 19. Gatwick Technologies Ltd Major Business

Table 20. Gatwick Technologies Ltd Rotational Friction Welding Machines Product and Services

Table 21. Gatwick Technologies Ltd Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and

Market Share (2018-2023)

Table 22. Gatwick Technologies Ltd Recent Developments/Updates

Table 23. ETA Technology Basic Information, Manufacturing Base and Competitors

Table 24. ETA Technology Major Business

Table 25. ETA Technology Rotational Friction Welding Machines Product and Services

Table 26. ETA Technology Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. ETA Technology Recent Developments/Updates

Table 28. NITTO SEIKI Basic Information, Manufacturing Base and Competitors

Table 29. NITTO SEIKI Major Business

Table 30. NITTO SEIKI Rotational Friction Welding Machines Product and Services

Table 31. NITTO SEIKI Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. NITTO SEIKI Recent Developments/Updates

Table 33. DUKANE AV Basic Information, Manufacturing Base and Competitors

Table 34. DUKANE AV Major Business

Table 35. DUKANE AV Rotational Friction Welding Machines Product and Services

Table 36. DUKANE AV Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. DUKANE AV Recent Developments/Updates

Table 38. MTU AERO ENGINES AG Basic Information, Manufacturing Base and Competitors

Table 39. MTU AERO ENGINES AG Major Business

Table 40. MTU AERO ENGINES AG Rotational Friction Welding Machines Product and Services

Table 41. MTU AERO ENGINES AG Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. MTU AERO ENGINES AG Recent Developments/Updates

Table 43. ESAB Basic Information, Manufacturing Base and Competitors

Table 44. ESAB Major Business

Table 45. ESAB Rotational Friction Welding Machines Product and Services

Table 46. ESAB Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. ESAB Recent Developments/Updates

Table 48. Sirius Electric S.r.l Basic Information, Manufacturing Base and Competitors

Table 49. Sirius Electric S.r.l Major Business

Table 50. Sirius Electric S.r.l Rotational Friction Welding Machines Product and Services

Table 51. Sirius Electric S.r.l Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Sirius Electric S.r.l Recent Developments/Updates

Table 53. GD Scara Robot Basic Information, Manufacturing Base and Competitors

Table 54. GD Scara Robot Major Business

Table 55. GD Scara Robot Rotational Friction Welding Machines Product and Services

Table 56. GD Scara Robot Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. GD Scara Robot Recent Developments/Updates

Table 58. Jiangsu Kidea Industry Basic Information, Manufacturing Base and Competitors

Table 59. Jiangsu Kidea Industry Major Business

Table 60. Jiangsu Kidea Industry Rotational Friction Welding Machines Product and Services

Table 61. Jiangsu Kidea Industry Rotational Friction Welding Machines Sales Quantity (Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Jiangsu Kidea Industry Recent Developments/Updates

Table 63. Global Rotational Friction Welding Machines Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 64. Global Rotational Friction Welding Machines Revenue by Manufacturer (2018-2023) & (USD Million)

Table 65. Global Rotational Friction Welding Machines Average Price by Manufacturer (2018-2023) & (USD/Unit)

Table 66. Market Position of Manufacturers in Rotational Friction Welding Machines, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 67. Head Office and Rotational Friction Welding Machines Production Site of Key Manufacturer

Table 68. Rotational Friction Welding Machines Market: Company Product Type Footprint

Table 69. Rotational Friction Welding Machines Market: Company Product Application Footprint

Table 70. Rotational Friction Welding Machines New Market Entrants and Barriers to Market Entry

Table 71. Rotational Friction Welding Machines Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Rotational Friction Welding Machines Sales Quantity by Region (2018-2023) & (Units)

Table 73. Global Rotational Friction Welding Machines Sales Quantity by Region (2024-2029) & (Units)

Table 74. Global Rotational Friction Welding Machines Consumption Value by Region (2018-2023) & (USD Million)

Table 75. Global Rotational Friction Welding Machines Consumption Value by Region (2024-2029) & (USD Million)

Table 76. Global Rotational Friction Welding Machines Average Price by Region (2018-2023) & (USD/Unit)

Table 77. Global Rotational Friction Welding Machines Average Price by Region (2024-2029) & (USD/Unit)

Table 78. Global Rotational Friction Welding Machines Sales Quantity by Type (2018-2023) & (Units)

Table 79. Global Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 80. Global Rotational Friction Welding Machines Consumption Value by Type (2018-2023) & (USD Million)

Table 81. Global Rotational Friction Welding Machines Consumption Value by Type (2024-2029) & (USD Million)

Table 82. Global Rotational Friction Welding Machines Average Price by Type (2018-2023) & (USD/Unit)

Table 83. Global Rotational Friction Welding Machines Average Price by Type (2024-2029) & (USD/Unit)

Table 84. Global Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 85. Global Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 86. Global Rotational Friction Welding Machines Consumption Value by Application (2018-2023) & (USD Million)

Table 87. Global Rotational Friction Welding Machines Consumption Value by Application (2024-2029) & (USD Million)

Table 88. Global Rotational Friction Welding Machines Average Price by Application (2018-2023) & (USD/Unit)

Table 89. Global Rotational Friction Welding Machines Average Price by Application (2024-2029) & (USD/Unit)

Table 90. North America Rotational Friction Welding Machines Sales Quantity by Type

(2018-2023) & (Units)

Table 91. North America Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 92. North America Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 93. North America Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 94. North America Rotational Friction Welding Machines Sales Quantity by Country (2018-2023) & (Units)

Table 95. North America Rotational Friction Welding Machines Sales Quantity by Country (2024-2029) & (Units)

Table 96. North America Rotational Friction Welding Machines Consumption Value by Country (2018-2023) & (USD Million)

Table 97. North America Rotational Friction Welding Machines Consumption Value by Country (2024-2029) & (USD Million)

Table 98. Europe Rotational Friction Welding Machines Sales Quantity by Type (2018-2023) & (Units)

Table 99. Europe Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 100. Europe Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 101. Europe Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 102. Europe Rotational Friction Welding Machines Sales Quantity by Country (2018-2023) & (Units)

Table 103. Europe Rotational Friction Welding Machines Sales Quantity by Country (2024-2029) & (Units)

Table 104. Europe Rotational Friction Welding Machines Consumption Value by Country (2018-2023) & (USD Million)

Table 105. Europe Rotational Friction Welding Machines Consumption Value by Country (2024-2029) & (USD Million)

Table 106. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Type (2018-2023) & (Units)

Table 107. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 108. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 109. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 110. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Region (2018-2023) & (Units)

Table 111. Asia-Pacific Rotational Friction Welding Machines Sales Quantity by Region (2024-2029) & (Units)

Table 112. Asia-Pacific Rotational Friction Welding Machines Consumption Value by Region (2018-2023) & (USD Million)

Table 113. Asia-Pacific Rotational Friction Welding Machines Consumption Value by Region (2024-2029) & (USD Million)

Table 114. South America Rotational Friction Welding Machines Sales Quantity by Type (2018-2023) & (Units)

Table 115. South America Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 116. South America Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 117. South America Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 118. South America Rotational Friction Welding Machines Sales Quantity by Country (2018-2023) & (Units)

Table 119. South America Rotational Friction Welding Machines Sales Quantity by Country (2024-2029) & (Units)

Table 120. South America Rotational Friction Welding Machines Consumption Value by Country (2018-2023) & (USD Million)

Table 121. South America Rotational Friction Welding Machines Consumption Value by Country (2024-2029) & (USD Million)

Table 122. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Type (2018-2023) & (Units)

Table 123. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Type (2024-2029) & (Units)

Table 124. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Application (2018-2023) & (Units)

Table 125. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Application (2024-2029) & (Units)

Table 126. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Region (2018-2023) & (Units)

Table 127. Middle East & Africa Rotational Friction Welding Machines Sales Quantity by Region (2024-2029) & (Units)

Table 128. Middle East & Africa Rotational Friction Welding Machines Consumption Value by Region (2018-2023) & (USD Million)

Table 129. Middle East & Africa Rotational Friction Welding Machines Consumption

Value by Region (2024-2029) & (USD Million)

Table 130. Rotational Friction Welding Machines Raw Material

Table 131. Key Manufacturers of Rotational Friction Welding Machines Raw Materials

Table 132. Rotational Friction Welding Machines Typical Distributors

Table 133. Rotational Friction Welding Machines Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Rotational Friction Welding Machines Picture
- Figure 2. Global Rotational Friction Welding Machines Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Rotational Friction Welding Machines Consumption Value Market Share by Type in 2022
- Figure 4. Inertia Welding Examples
- Figure 5. Direct Drive Welding Examples
- Figure 6. Hybrid Examples
- Figure 7. Others Examples
- Figure 8. Global Rotational Friction Welding Machines Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 9. Global Rotational Friction Welding Machines Consumption Value Market Share by Application in 2022
- Figure 10. Automotive Examples
- Figure 11. Marine Examples
- Figure 12. Aerospace Examples
- Figure 13. Oil and Gas Industry Examples
- Figure 14. Others Examples
- Figure 15. Global Rotational Friction Welding Machines Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 16. Global Rotational Friction Welding Machines Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 17. Global Rotational Friction Welding Machines Sales Quantity (2018-2029) & (Units)
- Figure 18. Global Rotational Friction Welding Machines Average Price (2018-2029) & (USD/Unit)
- Figure 19. Global Rotational Friction Welding Machines Sales Quantity Market Share by Manufacturer in 2022
- Figure 20. Global Rotational Friction Welding Machines Consumption Value Market Share by Manufacturer in 2022
- Figure 21. Producer Shipments of Rotational Friction Welding Machines by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 22. Top 3 Rotational Friction Welding Machines Manufacturer (Consumption Value) Market Share in 2022
- Figure 23. Top 6 Rotational Friction Welding Machines Manufacturer (Consumption

Value) Market Share in 2022

Figure 24. Global Rotational Friction Welding Machines Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Rotational Friction Welding Machines Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Rotational Friction Welding Machines Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Rotational Friction Welding Machines Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Rotational Friction Welding Machines Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Rotational Friction Welding Machines Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Rotational Friction Welding Machines Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Rotational Friction Welding Machines Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Rotational Friction Welding Machines Average Price by Type (2018-2029) & (USD/Unit)

Figure 34. Global Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Rotational Friction Welding Machines Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Rotational Friction Welding Machines Average Price by Application (2018-2029) & (USD/Unit)

Figure 37. North America Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Rotational Friction Welding Machines Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Rotational Friction Welding Machines Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Rotational Friction Welding Machines Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Rotational Friction Welding Machines Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Rotational Friction Welding Machines Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Rotational Friction Welding Machines Consumption Value Market Share by Region (2018-2029)

Figure 57. China Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Rotational Friction Welding Machines Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 63. South America Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 64. South America Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Rotational Friction Welding Machines Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Rotational Friction Welding Machines Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Rotational Friction Welding Machines Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa Rotational Friction Welding Machines Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Rotational Friction Welding Machines Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Rotational Friction Welding Machines Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Rotational Friction Welding Machines Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Rotational Friction Welding Machines Market Drivers

Figure 78. Rotational Friction Welding Machines Market Restraints

Figure 79. Rotational Friction Welding Machines Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Rotational Friction Welding Machines in 2022

Figure 82. Manufacturing Process Analysis of Rotational Friction Welding Machines

Figure 83. Rotational Friction Welding Machines Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

I would like to order

Product name: Global Rotational Friction Welding Machines Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GE544312F4EGEN.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/GE544312F4EGEN.html>