

# Global Motor Spindles for PCB Drilling and Routing Machines Market Research Report 2023

https://marketpublishers.com/r/G2AE9F665CD4EN.html

Date: November 2023

Pages: 112

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

ID: G2AE9F665CD4EN

# **Abstracts**

This report aims to provide a comprehensive presentation of the global market for Motor Spindles for PCB Drilling and Routing Machines, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Motor Spindles for PCB Drilling and Routing Machines.

The Motor Spindles for PCB Drilling and Routing Machines market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Motor Spindles for PCB Drilling and Routing Machines market comprehensively. Regional market sizes, concerning products by type, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Motor Spindles for PCB Drilling and Routing Machines manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by type, by application, and by regions.

By Company



KESSLER	
Celera Motion (Novanta)	
FISCHER AG	
GMN	
SycoTec	
IBAG	
Step-Tec (GF Machining Solutions)	
Setco	
Siemens	
KEBA Spindle Technology (Former Heinz Fiege)	
SLF Fraureuth	
KEHREN	
ORSKOREA	
Gilman Precision	
Universal-Kugellager-Fabrik	
WMZ GmbH (DVS TECHNOLOGY)	
TDM SA	
MEYRAT SA	
HSTec (CHIRON Group)	
SPL Spindel und Pr?zisionslager	



	Levicron	
	NAKANISHI	
	Kenturn	
	Luoyang Bearing Research Institute	
	Shenzhen Sufeng Science and Technology	
	Guangzhou Haozhi Industrial	
	Air Bearings Limited	
	HSD SpA Mechatronics	
	Jiangsu Xinchen High-speed Electricmotor	
	Wuxi Sunshine Precision Machinery	
	Wuxi BoHua Electromechanical	
	ROYAL	
	POSA	
Segment by Type		
	Ball Bearing Type	
	Air Bearing Type	
	Hydrostatic Bearing Type	

Segment by Application



Communication

	0011111	in in dation	
	Computers		
	Consu	mer Electronics	
	Autom	notive Electronics	
	Others	S	
Produ	ction by	Region	
1 TOGU	ollon by	Region	
	North	America	
	Europ	е	
	China		
	Japan		
Consumption by Region			
	North America		
		United States	
		Canada	
	Europ	e	
		Germany	
		France	
		U.K.	
		Italy	



	Russia			
Asia-Pacific				
	China			
	Japan			
	South Korea			
	China Taiwan			
	Southeast Asia			
	India			
Latin America				
	Mexico			
	Brazil			

# **Core Chapters**

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by type, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Detailed analysis of Motor Spindles for PCB Drilling and Routing Machines manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of Motor Spindles for PCB Drilling and Routing Machines by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.



Chapter 4: Consumption of Motor Spindles for PCB Drilling and Routing Machines in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 5: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 8: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.



# **Contents**

# 1 MOTOR SPINDLES FOR PCB DRILLING AND ROUTING MACHINES MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Motor Spindles for PCB Drilling and Routing Machines Segment by Type
- 1.2.1 Global Motor Spindles for PCB Drilling and Routing Machines Market Value Growth Rate Analysis by Type 2022 VS 2029
  - 1.2.2 Ball Bearing Type
  - 1.2.3 Air Bearing Type
  - 1.2.4 Hydrostatic Bearing Type
- 1.3 Motor Spindles for PCB Drilling and Routing Machines Segment by Application
- 1.3.1 Global Motor Spindles for PCB Drilling and Routing Machines Market Value Growth Rate Analysis by Application: 2022 VS 2029
  - 1.3.2 Communication
  - 1.3.3 Computers
  - 1.3.4 Consumer Electronics
  - 1.3.5 Automotive Electronics
  - 1.3.6 Others
- 1.4 Global Market Growth Prospects
- 1.4.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts (2018-2029)
- 1.4.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Capacity Estimates and Forecasts (2018-2029)
- 1.4.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Estimates and Forecasts (2018-2029)
- 1.4.4 Global Motor Spindles for PCB Drilling and Routing Machines Market Average Price Estimates and Forecasts (2018-2029)
- 1.5 Assumptions and Limitations

#### 2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Manufacturers (2018-2023)
- 2.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Manufacturers (2018-2023)
- 2.3 Global Key Players of Motor Spindles for PCB Drilling and Routing Machines, Industry Ranking, 2021 VS 2022 VS 2023



- 2.4 Global Motor Spindles for PCB Drilling and Routing Machines Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 2.5 Global Motor Spindles for PCB Drilling and Routing Machines Average Price by Manufacturers (2018-2023)
- 2.6 Global Key Manufacturers of Motor Spindles for PCB Drilling and Routing Machines, Manufacturing Base Distribution and Headquarters
- 2.7 Global Key Manufacturers of Motor Spindles for PCB Drilling and Routing Machines, Product Offered and Application
- 2.8 Global Key Manufacturers of Motor Spindles for PCB Drilling and Routing Machines, Date of Enter into This Industry
- 2.9 Motor Spindles for PCB Drilling and Routing Machines Market Competitive Situation and Trends
- 2.9.1 Motor Spindles for PCB Drilling and Routing Machines Market Concentration
- 2.9.2 Global 5 and 10 Largest Motor Spindles for PCB Drilling and Routing Machines Players Market Share by Revenue
- 2.10 Mergers & Acquisitions, Expansion

# 3 MOTOR SPINDLES FOR PCB DRILLING AND ROUTING MACHINES PRODUCTION BY REGION

- 3.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 3.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Region (2018-2029)
- 3.2.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Region (2018-2023)
- 3.2.2 Global Forecasted Production Value of Motor Spindles for PCB Drilling and Routing Machines by Region (2024-2029)
- 3.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 3.4 Global Motor Spindles for PCB Drilling and Routing Machines Production by Region (2018-2029)
- 3.4.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Region (2018-2023)
- 3.4.2 Global Forecasted Production of Motor Spindles for PCB Drilling and Routing Machines by Region (2024-2029)
- 3.5 Global Motor Spindles for PCB Drilling and Routing Machines Market Price Analysis by Region (2018-2023)



- 3.6 Global Motor Spindles for PCB Drilling and Routing Machines Production and Value, Year-over-Year Growth
- 3.6.1 North America Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts (2018-2029)
- 3.6.2 Europe Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts (2018-2029)
- 3.6.3 China Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts (2018-2029)
- 3.6.4 Japan Motor Spindles for PCB Drilling and Routing Machines Production Value Estimates and Forecasts (2018-2029)

# 4 MOTOR SPINDLES FOR PCB DRILLING AND ROUTING MACHINES CONSUMPTION BY REGION

- 4.1 Global Motor Spindles for PCB Drilling and Routing Machines Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 4.2 Global Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2018-2029)
- 4.2.1 Global Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2018-2023)
- 4.2.2 Global Motor Spindles for PCB Drilling and Routing Machines Forecasted Consumption by Region (2024-2029)
- 4.3 North America
- 4.3.1 North America Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
- 4.3.2 North America Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2029)
  - 4.3.3 United States
  - 4.3.4 Canada
- 4.4 Europe
- 4.4.1 Europe Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
- 4.4.2 Europe Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2029)
  - 4.4.3 Germany
  - 4.4.4 France
  - 4.4.5 U.K.
  - 4.4.6 Italy
  - 4.4.7 Russia



- 4.5 Asia Pacific
- 4.5.1 Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Region: 2018 VS 2022 VS 2029
- 4.5.2 Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2018-2029)
  - 4.5.3 China
  - 4.5.4 Japan
  - 4.5.5 South Korea
  - 4.5.6 China Taiwan
  - 4.5.7 Southeast Asia
  - 4.5.8 India
- 4.6 Latin America, Middle East & Africa
- 4.6.1 Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
- 4.6.2 Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2029)
  - 4.6.3 Mexico
  - 4.6.4 Brazil
  - 4.6.5 Turkey
  - 4.6.6 GCC Countries

# **5 SEGMENT BY TYPE**

- 5.1 Global Motor Spindles for PCB Drilling and Routing Machines Production by Type (2018-2029)
- 5.1.1 Global Motor Spindles for PCB Drilling and Routing Machines Production by Type (2018-2023)
- 5.1.2 Global Motor Spindles for PCB Drilling and Routing Machines Production by Type (2024-2029)
- 5.1.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Type (2018-2029)
- 5.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Type (2018-2029)
- 5.2.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Type (2018-2023)
- 5.2.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Type (2024-2029)
- 5.2.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Type (2018-2029)



5.3 Global Motor Spindles for PCB Drilling and Routing Machines Price by Type (2018-2029)

#### **6 SEGMENT BY APPLICATION**

- 6.1 Global Motor Spindles for PCB Drilling and Routing Machines Production by Application (2018-2029)
- 6.1.1 Global Motor Spindles for PCB Drilling and Routing Machines Production by Application (2018-2023)
- 6.1.2 Global Motor Spindles for PCB Drilling and Routing Machines Production by Application (2024-2029)
- 6.1.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Application (2018-2029)
- 6.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Application (2018-2029)
- 6.2.1 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Application (2018-2023)
- 6.2.2 Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Application (2024-2029)
- 6.2.3 Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Application (2018-2029)
- 6.3 Global Motor Spindles for PCB Drilling and Routing Machines Price by Application (2018-2029)

#### 7 KEY COMPANIES PROFILED

# 7.1 KESSLER

- 7.1.1 KESSLER Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.1.2 KESSLER Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.1.3 KESSLER Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.1.4 KESSLER Main Business and Markets Served
  - 7.1.5 KESSLER Recent Developments/Updates
- 7.2 Celera Motion (Novanta)
- 7.2.1 Celera Motion (Novanta) Motor Spindles for PCB Drilling and Routing Machines Corporation Information
  - 7.2.2 Celera Motion (Novanta) Motor Spindles for PCB Drilling and Routing Machines



### Product Portfolio

- 7.2.3 Celera Motion (Novanta) Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.2.4 Celera Motion (Novanta) Main Business and Markets Served
  - 7.2.5 Celera Motion (Novanta) Recent Developments/Updates
- 7.3 FISCHER AG
- 7.3.1 FISCHER AG Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.3.2 FISCHER AG Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.3.3 FISCHER AG Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.3.4 FISCHER AG Main Business and Markets Served
  - 7.3.5 FISCHER AG Recent Developments/Updates
- **7.4 GMN**
- 7.4.1 GMN Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.4.2 GMN Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.4.3 GMN Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.4.4 GMN Main Business and Markets Served
  - 7.4.5 GMN Recent Developments/Updates
- 7.5 SycoTec
- 7.5.1 SycoTec Motor Spindles for PCB Drilling and Routing Machines Corporation Information
  - 7.5.2 SycoTec Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.5.3 SycoTec Motor Spindles for PCB Drilling and Routing Machines Production,
- Value, Price and Gross Margin (2018-2023)
  - 7.5.4 SycoTec Main Business and Markets Served
- 7.5.5 SycoTec Recent Developments/Updates
- **7.6 IBAG**
- 7.6.1 IBAG Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.6.2 IBAG Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.6.3 IBAG Motor Spindles for PCB Drilling and Routing Machines Production, Value,
- Price and Gross Margin (2018-2023)
  - 7.6.4 IBAG Main Business and Markets Served
- 7.6.5 IBAG Recent Developments/Updates
- 7.7 Step-Tec (GF Machining Solutions)



- 7.7.1 Step-Tec (GF Machining Solutions) Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.7.2 Step-Tec (GF Machining Solutions) Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.7.3 Step-Tec (GF Machining Solutions) Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.7.4 Step-Tec (GF Machining Solutions) Main Business and Markets Served
- 7.7.5 Step-Tec (GF Machining Solutions) Recent Developments/Updates
- 7.8 Setco
- 7.8.1 Setco Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.8.2 Setco Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.8.3 Setco Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.8.4 Setco Main Business and Markets Served
  - 7.7.5 Setco Recent Developments/Updates
- 7.9 Siemens
- 7.9.1 Siemens Motor Spindles for PCB Drilling and Routing Machines Corporation Information
  - 7.9.2 Siemens Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.9.3 Siemens Motor Spindles for PCB Drilling and Routing Machines Production,

Value, Price and Gross Margin (2018-2023)

- 7.9.4 Siemens Main Business and Markets Served
- 7.9.5 Siemens Recent Developments/Updates
- 7.10 KEBA Spindle Technology (Former Heinz Fiege)
- 7.10.1 KEBA Spindle Technology (Former Heinz Fiege) Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.10.2 KEBA Spindle Technology (Former Heinz Fiege) Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.10.3 KEBA Spindle Technology (Former Heinz Fiege) Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.10.4 KEBA Spindle Technology (Former Heinz Fiege) Main Business and Markets Served
- 7.10.5 KEBA Spindle Technology (Former Heinz Fiege) Recent Developments/Updates
- 7.11 SLF Fraureuth
- 7.11.1 SLF Fraureuth Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.11.2 SLF Fraureuth Motor Spindles for PCB Drilling and Routing Machines Product



# Portfolio

- 7.11.3 SLF Fraureuth Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.11.4 SLF Fraureuth Main Business and Markets Served
  - 7.11.5 SLF Fraureuth Recent Developments/Updates
- 7.12 KEHREN
- 7.12.1 KEHREN Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.12.2 KEHREN Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.12.3 KEHREN Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.12.4 KEHREN Main Business and Markets Served
  - 7.12.5 KEHREN Recent Developments/Updates
- 7.13 ORSKOREA
- 7.13.1 ORSKOREA Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.13.2 ORSKOREA Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.13.3 ORSKOREA Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.13.4 ORSKOREA Main Business and Markets Served
  - 7.13.5 ORSKOREA Recent Developments/Updates
- 7.14 Gilman Precision
- 7.14.1 Gilman Precision Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.14.2 Gilman Precision Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.14.3 Gilman Precision Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.14.4 Gilman Precision Main Business and Markets Served
  - 7.14.5 Gilman Precision Recent Developments/Updates
- 7.15 Universal-Kugellager-Fabrik
- 7.15.1 Universal-Kugellager-Fabrik Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.15.2 Universal-Kugellager-Fabrik Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.15.3 Universal-Kugellager-Fabrik Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)



- 7.15.4 Universal-Kugellager-Fabrik Main Business and Markets Served
- 7.15.5 Universal-Kugellager-Fabrik Recent Developments/Updates
- 7.16 WMZ GmbH (DVS TECHNOLOGY)
- 7.16.1 WMZ GmbH (DVS TECHNOLOGY) Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.16.2 WMZ GmbH (DVS TECHNOLOGY) Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.16.3 WMZ GmbH (DVS TECHNOLOGY) Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.16.4 WMZ GmbH (DVS TECHNOLOGY) Main Business and Markets Served
- 7.16.5 WMZ GmbH (DVS TECHNOLOGY) Recent Developments/Updates
- 7.17 TDM SA
- 7.17.1 TDM SA Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.17.2 TDM SA Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.17.3 TDM SA Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.17.4 TDM SA Main Business and Markets Served
  - 7.17.5 TDM SA Recent Developments/Updates
- 7.18 MEYRAT SA
- 7.18.1 MEYRAT SA Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.18.2 MEYRAT SA Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.18.3 MEYRAT SA Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.18.4 MEYRAT SA Main Business and Markets Served
  - 7.18.5 MEYRAT SA Recent Developments/Updates
- 7.19 HSTec (CHIRON Group)
- 7.19.1 HSTec (CHIRON Group) Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.19.2 HSTec (CHIRON Group) Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.19.3 HSTec (CHIRON Group) Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.19.4 HSTec (CHIRON Group) Main Business and Markets Served
- 7.19.5 HSTec (CHIRON Group) Recent Developments/Updates
- 7.20 SPL Spindel und Pr?zisionslager



- 7.20.1 SPL Spindel und Pr?zisionslager Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.20.2 SPL Spindel und Pr?zisionslager Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.20.3 SPL Spindel und Pr?zisionslager Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.20.4 SPL Spindel und Pr?zisionslager Main Business and Markets Served
- 7.20.5 SPL Spindel und Pr?zisionslager Recent Developments/Updates
- 7.21 Levicron
- 7.21.1 Levicron Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.21.2 Levicron Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.21.3 Levicron Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.21.4 Levicron Main Business and Markets Served
  - 7.21.5 Levicron Recent Developments/Updates
- 7.22 NAKANISHI
- 7.22.1 NAKANISHI Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.22.2 NAKANISHI Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.22.3 NAKANISHI Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.22.4 NAKANISHI Main Business and Markets Served
  - 7.22.5 NAKANISHI Recent Developments/Updates
- 7.23 Kenturn
- 7.23.1 Kenturn Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.23.2 Kenturn Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.23.3 Kenturn Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.23.4 Kenturn Main Business and Markets Served
  - 7.23.5 Kenturn Recent Developments/Updates
- 7.24 Luoyang Bearing Research Institute
- 7.24.1 Luoyang Bearing Research Institute Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.24.2 Luoyang Bearing Research Institute Motor Spindles for PCB Drilling and



# Routing Machines Product Portfolio

- 7.24.3 Luoyang Bearing Research Institute Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.24.4 Luoyang Bearing Research Institute Main Business and Markets Served
- 7.24.5 Luoyang Bearing Research Institute Recent Developments/Updates
- 7.25 Shenzhen Sufeng Science and Technology
- 7.25.1 Shenzhen Sufeng Science and Technology Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.25.2 Shenzhen Sufeng Science and Technology Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.25.3 Shenzhen Sufeng Science and Technology Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.25.4 Shenzhen Sufeng Science and Technology Main Business and Markets Served
- 7.25.5 Shenzhen Sufeng Science and Technology Recent Developments/Updates
- 7.26 Guangzhou Haozhi Industrial
- 7.26.1 Guangzhou Haozhi Industrial Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.26.2 Guangzhou Haozhi Industrial Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.26.3 Guangzhou Haozhi Industrial Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.26.4 Guangzhou Haozhi Industrial Main Business and Markets Served
- 7.26.5 Guangzhou Haozhi Industrial Recent Developments/Updates
- 7.27 Air Bearings Limited
- 7.27.1 Air Bearings Limited Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.27.2 Air Bearings Limited Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.27.3 Air Bearings Limited Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.27.4 Air Bearings Limited Main Business and Markets Served
  - 7.27.5 Air Bearings Limited Recent Developments/Updates
- 7.28 HSD SpA Mechatronics
- 7.28.1 HSD SpA Mechatronics Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.28.2 HSD SpA Mechatronics Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.28.3 HSD SpA Mechatronics Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)



- 7.28.4 HSD SpA Mechatronics Main Business and Markets Served
- 7.28.5 HSD SpA Mechatronics Recent Developments/Updates
- 7.29 Jiangsu Xinchen High-speed Electricmotor
- 7.29.1 Jiangsu Xinchen High-speed Electricmotor Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.29.2 Jiangsu Xinchen High-speed Electricmotor Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.29.3 Jiangsu Xinchen High-speed Electricmotor Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.29.4 Jiangsu Xinchen High-speed Electricmotor Main Business and Markets Served
- 7.29.5 Jiangsu Xinchen High-speed Electricmotor Recent Developments/Updates
- 7.30 Wuxi Sunshine Precision Machinery
- 7.30.1 Wuxi Sunshine Precision Machinery Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.30.2 Wuxi Sunshine Precision Machinery Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.30.3 Wuxi Sunshine Precision Machinery Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
- 7.30.4 Wuxi Sunshine Precision Machinery Main Business and Markets Served
- 7.30.5 Wuxi Sunshine Precision Machinery Recent Developments/Updates
- 7.31 Wuxi BoHua Electromechanical
- 7.31.1 Wuxi BoHua Electromechanical Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- 7.31.2 Wuxi BoHua Electromechanical Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.31.3 Wuxi BoHua Electromechanical Motor Spindles for PCB Drilling and Routing Machines Production, Value, Price and Gross Margin (2018-2023)
  - 7.31.4 Wuxi BoHua Electromechanical Main Business and Markets Served
- 7.31.5 Wuxi BoHua Electromechanical Recent Developments/Updates 7.32 ROYAL
- 7.32.1 ROYAL Motor Spindles for PCB Drilling and Routing Machines Corporation Information
  - 7.32.2 ROYAL Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
  - 7.32.3 ROYAL Motor Spindles for PCB Drilling and Routing Machines Production,
- Value, Price and Gross Margin (2018-2023)
  - 7.32.4 ROYAL Main Business and Markets Served
  - 7.32.5 ROYAL Recent Developments/Updates
- **7.33 POSA** 
  - 7.33.1 POSA Motor Spindles for PCB Drilling and Routing Machines Corporation



### Information

- 7.33.2 POSA Motor Spindles for PCB Drilling and Routing Machines Product Portfolio
- 7.33.3 POSA Motor Spindles for PCB Drilling and Routing Machines Production,
- Value, Price and Gross Margin (2018-2023)
  - 7.33.4 POSA Main Business and Markets Served
  - 7.33.5 POSA Recent Developments/Updates

### **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 8.1 Motor Spindles for PCB Drilling and Routing Machines Industry Chain Analysis
- 8.2 Motor Spindles for PCB Drilling and Routing Machines Key Raw Materials
  - 8.2.1 Key Raw Materials
  - 8.2.2 Raw Materials Key Suppliers
- 8.3 Motor Spindles for PCB Drilling and Routing Machines Production Mode & Process
- 8.4 Motor Spindles for PCB Drilling and Routing Machines Sales and Marketing
- 8.4.1 Motor Spindles for PCB Drilling and Routing Machines Sales Channels
- 8.4.2 Motor Spindles for PCB Drilling and Routing Machines Distributors
- 8.5 Motor Spindles for PCB Drilling and Routing Machines Customers

# 9 MOTOR SPINDLES FOR PCB DRILLING AND ROUTING MACHINES MARKET DYNAMICS

- 9.1 Motor Spindles for PCB Drilling and Routing Machines Industry Trends
- 9.2 Motor Spindles for PCB Drilling and Routing Machines Market Drivers
- 9.3 Motor Spindles for PCB Drilling and Routing Machines Market Challenges
- 9.4 Motor Spindles for PCB Drilling and Routing Machines Market Restraints

#### 10 RESEARCH FINDING AND CONCLUSION

#### 11 METHODOLOGY AND DATA SOURCE

- 11.1 Methodology/Research Approach
  - 11.1.1 Research Programs/Design
  - 11.1.2 Market Size Estimation
  - 11.1.3 Market Breakdown and Data Triangulation
- 11.2 Data Source
  - 11.2.1 Secondary Sources
- 11.2.2 Primary Sources



- 11.3 Author List
- 11.4 Disclaimer



# **List Of Tables**

### LIST OF TABLES

Table 1. Global Motor Spindles for PCB Drilling and Routing Machines Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global Motor Spindles for PCB Drilling and Routing Machines Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Motor Spindles for PCB Drilling and Routing Machines Production Capacity (K Units) by Manufacturers in 2022

Table 4. Global Motor Spindles for PCB Drilling and Routing Machines Production by Manufacturers (2018-2023) & (K Units)

Table 5. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Manufacturers (2018-2023)

Table 6. Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Share by Manufacturers (2018-2023)

Table 8. Global Motor Spindles for PCB Drilling and Routing Machines Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Motor Spindles for PCB Drilling and Routing Machines as of 2022)

Table 10. Global Market Motor Spindles for PCB Drilling and Routing Machines Average Price by Manufacturers (US\$/Unit) & (2018-2023)

Table 11. Manufacturers Motor Spindles for PCB Drilling and Routing Machines Production Sites and Area Served

Table 12. Manufacturers Motor Spindles for PCB Drilling and Routing Machines Product Types

Table 13. Global Motor Spindles for PCB Drilling and Routing Machines Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Region (2018-2023)

Table 18. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) Forecast by Region (2024-2029)



- Table 19. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share Forecast by Region (2024-2029)
- Table 20. Global Motor Spindles for PCB Drilling and Routing Machines Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)
- Table 21. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) by Region (2018-2023)
- Table 22. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Region (2018-2023)
- Table 23. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) Forecast by Region (2024-2029)
- Table 24. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share Forecast by Region (2024-2029)
- Table 25. Global Motor Spindles for PCB Drilling and Routing Machines Market Average Price (US\$/Unit) by Region (2018-2023)
- Table 26. Global Motor Spindles for PCB Drilling and Routing Machines Market Average Price (US\$/Unit) by Region (2024-2029)
- Table 27. Global Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)
- Table 28. Global Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2018-2023) & (K Units)
- Table 29. Global Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Region (2018-2023)
- Table 30. Global Motor Spindles for PCB Drilling and Routing Machines Forecasted Consumption by Region (2024-2029) & (K Units)
- Table 31. Global Motor Spindles for PCB Drilling and Routing Machines Forecasted Consumption Market Share by Region (2018-2023)
- Table 32. North America Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)
- Table 33. North America Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2023) & (K Units)
- Table 34. North America Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2024-2029) & (K Units)
- Table 35. Europe Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)
- Table 36. Europe Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2023) & (K Units)
- Table 37. Europe Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2024-2029) & (K Units)
- Table 38. Asia Pacific Motor Spindles for PCB Drilling and Routing Machines



Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)

Table 39. Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2018-2023) & (K Units)

Table 40. Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption by Region (2024-2029) & (K Units)

Table 41. Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 42. Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2018-2023) & (K Units)

Table 43. Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption by Country (2024-2029) & (K Units)

Table 44. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) by Type (2018-2023)

Table 45. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) by Type (2024-2029)

Table 46. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Type (2018-2023)

Table 47. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Type (2024-2029)

Table 48. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Share by Type (2018-2023)

Table 51. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Share by Type (2024-2029)

Table 52. Global Motor Spindles for PCB Drilling and Routing Machines Price (US\$/Unit) by Type (2018-2023)

Table 53. Global Motor Spindles for PCB Drilling and Routing Machines Price (US\$/Unit) by Type (2024-2029)

Table 54. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) by Application (2018-2023)

Table 55. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) by Application (2024-2029)

Table 56. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Application (2018-2023)

Table 57. Global Motor Spindles for PCB Drilling and Routing Machines Production



Market Share by Application (2024-2029)

Table 58. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) by Application (2018-2023)

Table 59. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Share by Application (2018-2023)

Table 61. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Share by Application (2024-2029)

Table 62. Global Motor Spindles for PCB Drilling and Routing Machines Price (US\$/Unit) by Application (2018-2023)

Table 63. Global Motor Spindles for PCB Drilling and Routing Machines Price (US\$/Unit) by Application (2024-2029)

Table 64. KESSLER Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 65. KESSLER Specification and Application

Table 66. KESSLER Motor Spindles for PCB Drilling and Routing Machines Production

(K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 67. KESSLER Main Business and Markets Served

Table 68. KESSLER Recent Developments/Updates

Table 69. Celera Motion (Novanta) Motor Spindles for PCB Drilling and Routing

Machines Corporation Information

Table 70. Celera Motion (Novanta) Specification and Application

Table 71. Celera Motion (Novanta) Motor Spindles for PCB Drilling and Routing

Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 72. Celera Motion (Novanta) Main Business and Markets Served

Table 73. Celera Motion (Novanta) Recent Developments/Updates

Table 74. FISCHER AG Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 75. FISCHER AG Specification and Application

Table 76. FISCHER AG Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 77. FISCHER AG Main Business and Markets Served

Table 78. FISCHER AG Recent Developments/Updates

Table 79. GMN Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 80. GMN Specification and Application



Table 81. GMN Motor Spindles for PCB Drilling and Routing Machines Production (K

Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. GMN Main Business and Markets Served

Table 83. GMN Recent Developments/Updates

Table 84. SycoTec Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 85. SycoTec Specification and Application

Table 86. SycoTec Motor Spindles for PCB Drilling and Routing Machines Production (K

Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. SycoTec Main Business and Markets Served

Table 88. SycoTec Recent Developments/Updates

Table 89. IBAG Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 90. IBAG Specification and Application

Table 91. IBAG Motor Spindles for PCB Drilling and Routing Machines Production (K

Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. IBAG Main Business and Markets Served

Table 93. IBAG Recent Developments/Updates

Table 94. Step-Tec (GF Machining Solutions) Motor Spindles for PCB Drilling and

**Routing Machines Corporation Information** 

Table 95. Step-Tec (GF Machining Solutions) Specification and Application

Table 96. Step-Tec (GF Machining Solutions) Motor Spindles for PCB Drilling and

Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. Step-Tec (GF Machining Solutions) Main Business and Markets Served

Table 98. Step-Tec (GF Machining Solutions) Recent Developments/Updates

Table 99. Setco Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 100. Setco Specification and Application

Table 101. Setco Motor Spindles for PCB Drilling and Routing Machines Production (K

Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. Setco Main Business and Markets Served

Table 103. Setco Recent Developments/Updates

Table 104. Siemens Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 105. Siemens Specification and Application

Table 106. Siemens Motor Spindles for PCB Drilling and Routing Machines Production

(K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. Siemens Main Business and Markets Served



Table 108. Siemens Recent Developments/Updates

Table 109. KEBA Spindle Technology (Former Heinz Fiege) Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 110. KEBA Spindle Technology (Former Heinz Fiege) Specification and Application

Table 111. KEBA Spindle Technology (Former Heinz Fiege) Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. KEBA Spindle Technology (Former Heinz Fiege) Main Business and Markets Served

Table 113. KEBA Spindle Technology (Former Heinz Fiege) Recent Developments/Updates

Table 114. SLF Fraureuth Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 115. SLF Fraureuth Specification and Application

Table 116. SLF Fraureuth Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 117. SLF Fraureuth Main Business and Markets Served

Table 118. SLF Fraureuth Recent Developments/Updates

Table 119. KEHREN Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 120. KEHREN Specification and Application

Table 121. KEHREN Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 122. KEHREN Main Business and Markets Served

Table 123. KEHREN Recent Developments/Updates

Table 124. ORSKOREA Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 125. ORSKOREA Specification and Application

Table 126. ORSKOREA Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 127. ORSKOREA Main Business and Markets Served

Table 128. ORSKOREA Recent Developments/Updates

Table 129. Gilman Precision Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 130. Gilman Precision Specification and Application

Table 131. Gilman Precision Motor Spindles for PCB Drilling and Routing Machines



Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 132. Gilman Precision Main Business and Markets Served

Table 133. Gilman Precision Recent Developments/Updates

Table 134. Gilman Precision Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 135. Universal-Kugellager-Fabrik Specification and Application

Table 136. Universal-Kugellager-Fabrik Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 137. Universal-Kugellager-Fabrik Main Business and Markets Served

Table 138. Universal-Kugellager-Fabrik Recent Developments/Updates

Table 139. WMZ GmbH (DVS TECHNOLOGY) Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 140. WMZ GmbH (DVS TECHNOLOGY) Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 141. WMZ GmbH (DVS TECHNOLOGY) Main Business and Markets Served

Table 142. WMZ GmbH (DVS TECHNOLOGY) Recent Developments/Updates

Table 143. TDM SA Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 144. TDM SA Specification and Application

Table 145. TDM SA Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 146. TDM SA Main Business and Markets Served

Table 147. TDM SA Recent Developments/Updates

Table 148. MEYRAT SA Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 149. MEYRAT SA Specification and Application

Table 150. MEYRAT SA Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 151. MEYRAT SA Main Business and Markets Served

Table 152. MEYRAT SA Recent Developments/Updates

Table 153. HSTec (CHIRON Group) Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 154. HSTec (CHIRON Group) Specification and Application

Table 155. HSTec (CHIRON Group) Motor Spindles for PCB Drilling and Routing

Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin



(2018-2023)

Table 156. HSTec (CHIRON Group) Main Business and Markets Served

Table 157. HSTec (CHIRON Group) Recent Developments/Updates

Table 158. SPL Spindel und Pr?zisionslager Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 159. SPL Spindel und Pr?zisionslager Specification and Application

Table 160. SPL Spindel und Pr?zisionslager Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 161. SPL Spindel und Pr?zisionslager Main Business and Markets Served

Table 162. SPL Spindel und Pr?zisionslager Recent Developments/Updates

Table 163. Levicron Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 164. Levicron Specification and Application

Table 165. Levicron Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 166. Levicron Main Business and Markets Served

Table 167. Levicron Recent Developments/Updates

Table 168. NAKANISHI Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 169. NAKANISHI Specification and Application

Table 170. NAKANISHI Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 171. NAKANISHI Main Business and Markets Served

Table 172. NAKANISHI Recent Developments/Updates

Table 173. Kenturn Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 174. Kenturn Specification and Application

Table 175. Kenturn Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 176. Kenturn Main Business and Markets Served

Table 177. Kenturn Recent Developments/Updates

Table 178. Luoyang Bearing Research Institute Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 179. Luoyang Bearing Research Institute Specification and Application

Table 180. Luoyang Bearing Research Institute Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)



- Table 181. Luoyang Bearing Research Institute Main Business and Markets Served
- Table 182. Luoyang Bearing Research Institute Recent Developments/Updates
- Table 183. Shenzhen Sufeng Science and Technology Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- Table 184. Shenzhen Sufeng Science and Technology Specification and Application
- Table 185. Shenzhen Sufeng Science and Technology Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 186. Shenzhen Sufeng Science and Technology Main Business and Markets Served
- Table 187. Shenzhen Sufeng Science and Technology Recent Developments/Updates
- Table 188. Guangzhou Haozhi Industrial Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- Table 189. Guangzhou Haozhi Industrial Specification and Application
- Table 190. Guangzhou Haozhi Industrial Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 191. Guangzhou Haozhi Industrial Main Business and Markets Served
- Table 192. Guangzhou Haozhi Industrial Recent Developments/Updates
- Table 193. Air Bearings Limited Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- Table 194. Air Bearings Limited Specification and Application
- Table 195. Air Bearings Limited Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 196. Air Bearings Limited Main Business and Markets Served
- Table 197. Air Bearings Limited Recent Developments/Updates
- Table 198. HSD SpA Mechatronics Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- Table 199. HSD SpA Mechatronics Specification and Application
- Table 200. HSD SpA Mechatronics Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 201. HSD SpA Mechatronics Main Business and Markets Served
- Table 202. HSD SpA Mechatronics Recent Developments/Updates
- Table 203. Jiangsu Xinchen High-speed Electricmotor Motor Spindles for PCB Drilling and Routing Machines Corporation Information
- Table 204. Jiangsu Xinchen High-speed Electricmotor Specification and Application
- Table 205. Jiangsu Xinchen High-speed Electricmotor Motor Spindles for PCB Drilling



and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 206. Jiangsu Xinchen High-speed Electricmotor Main Business and Markets Served

Table 207. Jiangsu Xinchen High-speed Electricmotor Recent Developments/Updates Table 208. Wuxi Sunshine Precision Machinery Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 209. Wuxi Sunshine Precision Machinery Specification and Application

Table 210. Wuxi Sunshine Precision Machinery Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 211. Wuxi Sunshine Precision Machinery Main Business and Markets Served

Table 212. Wuxi Sunshine Precision Machinery Recent Developments/Updates

Table 213. Wuxi BoHua Electromechanical Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 214. Wuxi BoHua Electromechanical Specification and Application

Table 215. Wuxi BoHua Electromechanical Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 216. Wuxi BoHua Electromechanical Main Business and Markets Served

Table 217. Wuxi BoHua Electromechanical Recent Developments/Updates

Table 218. ROYAL Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 219. ROYAL Specification and Application

Table 220. ROYAL Motor Spindles for PCB Drilling and Routing Machines Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 221. ROYAL Main Business and Markets Served

Table 222. ROYAL Recent Developments/Updates

Table 223. POSA Motor Spindles for PCB Drilling and Routing Machines Corporation Information

Table 224. POSA Specification and Application

Table 225. POSA Motor Spindles for PCB Drilling and Routing Machines Production (K

Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 226. POSA Main Business and Markets Served

Table 227. POSA Recent Developments/Updates

Table 228. Key Raw Materials Lists

Table 229. Raw Materials Key Suppliers Lists

Table 230. Motor Spindles for PCB Drilling and Routing Machines Distributors List

Table 231. Motor Spindles for PCB Drilling and Routing Machines Customers List



- Table 232. Motor Spindles for PCB Drilling and Routing Machines Market Trends
- Table 233. Motor Spindles for PCB Drilling and Routing Machines Market Drivers
- Table 234. Motor Spindles for PCB Drilling and Routing Machines Market Challenges
- Table 235. Motor Spindles for PCB Drilling and Routing Machines Market Restraints
- Table 236. Research Programs/Design for This Report
- Table 237. Key Data Information from Secondary Sources
- Table 238. Key Data Information from Primary Sources



# **List Of Figures**

### LIST OF FIGURES

Figure 1. Product Picture of Motor Spindles for PCB Drilling and Routing Machines

Figure 2. Global Motor Spindles for PCB Drilling and Routing Machines Market Value by Type, (US\$ Million) & (2022 VS 2029)

Figure 3. Global Motor Spindles for PCB Drilling and Routing Machines Market Share

by Type: 2022 VS 2029

Figure 4. Ball Bearing Type Product Picture

Figure 5. Air Bearing Type Product Picture

Figure 6. Hydrostatic Bearing Type Product Picture

Figure 7. Global Motor Spindles for PCB Drilling and Routing Machines Market Value by Application, (US\$ Million) & (2022 VS 2029)

Figure 8. Global Motor Spindles for PCB Drilling and Routing Machines Market Share

by Application: 2022 VS 2029

Figure 9. Communication

Figure 10. Computers

Figure 11. Consumer Electronics

Figure 12. Automotive Electronics

Figure 13. Others

Figure 14. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 15. Global Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) & (2018-2029)

Figure 16. Global Motor Spindles for PCB Drilling and Routing Machines Production (K Units) & (2018-2029)

Figure 17. Global Motor Spindles for PCB Drilling and Routing Machines Average Price (US\$/Unit) & (2018-2029)

Figure 18. Motor Spindles for PCB Drilling and Routing Machines Report Years Considered

Figure 19. Motor Spindles for PCB Drilling and Routing Machines Production Share by Manufacturers in 2022

Figure 20. Motor Spindles for PCB Drilling and Routing Machines Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 21. The Global 5 and 10 Largest Players: Market Share by Motor Spindles for PCB Drilling and Routing Machines Revenue in 2022

Figure 22. Global Motor Spindles for PCB Drilling and Routing Machines Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)



Figure 23. Global Motor Spindles for PCB Drilling and Routing Machines Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 24. Global Motor Spindles for PCB Drilling and Routing Machines Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 25. Global Motor Spindles for PCB Drilling and Routing Machines Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 26. North America Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. Europe Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. China Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Japan Motor Spindles for PCB Drilling and Routing Machines Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Global Motor Spindles for PCB Drilling and Routing Machines Consumption by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 31. Global Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 32. North America Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 33. North America Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Country (2018-2029)

Figure 34. Canada Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 35. U.S. Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 36. Europe Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 37. Europe Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Country (2018-2029)

Figure 38. Germany Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 39. France Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 40. U.K. Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 41. Italy Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 42. Russia Motor Spindles for PCB Drilling and Routing Machines Consumption,



and Growth Rate (2018-2023) & (K Units)

Figure 43. Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 44. Asia Pacific Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Regions (2018-2029)

Figure 45. China Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 46. Japan Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 47. South Korea Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 48. China Taiwan Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 49. Southeast Asia Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 50. India Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 51. Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 52. Latin America, Middle East & Africa Motor Spindles for PCB Drilling and Routing Machines Consumption Market Share by Country (2018-2029)

Figure 53. Mexico Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 54. Brazil Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 55. Turkey Motor Spindles for PCB Drilling and Routing Machines Consumption and Growth Rate (2018-2023) & (K Units)

Figure 56. GCC Countries Motor Spindles for P



# I would like to order

Product name: Global Motor Spindles for PCB Drilling and Routing Machines Market Research Report

2023

Product link: <a href="https://marketpublishers.com/r/G2AE9F665CD4EN.html">https://marketpublishers.com/r/G2AE9F665CD4EN.html</a>

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**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G2AE9F665CD4EN.html">https://marketpublishers.com/r/G2AE9F665CD4EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



