

# 2015-2025 Global Direct Drive Spindle for PCB Market Research by Type, End-Use and Region (COVID-19 Version)

<https://marketpublishers.com/r/22B777977054EN.html>

Date: June 2020

Pages: 122

Price: US\$ 2,900.00 (Single User License)

ID: 22B777977054EN

## Abstracts

### SUMMARY

The global Direct Drive Spindle for PCB market is expected to reach xxx Million USD by 2025, with a CAGR of xx% from 2020 to 2025.

Further key aspects of the report indicate that:

Chapter 1: Market Definition and Segment by Type, End-Use & Major Regions  
Market Size

Chapter 2: Global Production & Consumption Market by Type and End-Use

Chapter 3: Europe Production & Consumption Market by Type and End-Use

Chapter 4: America Production & Consumption Market by Type and End-Use

Chapter 5: Asia Production & Consumption Market by Type and End-Use

Chapter 6: Oceania Production & Consumption Market by Type and End-Use

Chapter 7: Africa Production & Consumption Market by Type and End-Use

Chapter 8: Global Market Forecast by Type, End-Use and Region

Chapter 9: Company information, Sales, Cost, Margin, news etc.

Chapter 10: Market Competition by Companies and Market Concentration Ratio

Chapter 11: Market Impact by Coronavirus.

Chapter 12: Industry Summary

Market Segment as follows:

Key Companies

Kessler

Step-Tec

Fischer Precise

Siemens

IBAG Group

Guangzhou Haozhi

GMN Paul Müller Industrie GmbH & Co. KG

Westwind Air Bearings., Ltd. (Novanta)

Air Bearing

Nakanishi

Posa

Alfred Jäger

SycoTec

Zimmer Group

KLKJ Group Co.,Ltd.

Shenzhen Sufeng

Heinz Fiege GmbH

Parfaite Tool

ZYS

Changzhou Hanqi

#### Key Types

Low Power Direct Drive Spindle

High Power Direct Drive Spindle

#### Key End-Use

Indirect Sales

Direct Sales

This report can be dispatched within 48-72 Hours.

## Contents

### CHAPTER 1 MARKET OVERVIEW

#### 1.1 Market Definition and Segment

##### 1.1.1 Product Definition

##### 1.1.2 Product Type

##### 1.1.3 End-Use

##### 1.1.4 Marketing Channel

#### 1.2 Major Regions

##### 1.2.1 Europe Market Size and Growth

Figure Europe Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Europe Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

##### 1.2.2 America Market Size and Growth

Figure America Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure America Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

##### 1.2.3 Asia Market Size and Growth

Figure Asia Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Asia Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

##### 1.2.4 Oceania Market Size and Growth

Figure Oceania Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Oceania Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

##### 1.2.5 Africa Market Size and Growth

Figure Africa Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Africa Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

### CHAPTER 2 GLOBAL MARKET SEGMENTATION

#### 2.1 Global Production Overview

Table Global Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

## 2.2 Global Consumption Overview

Table Global Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

## 2.3 Global Production by Type

Table Global Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure Global Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Table Global Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Figure Global Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

## 2.4 Global Consumption by End-Use

Table Global Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Figure Global Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

## 2.5 Global Consumption by Region

Table Global Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

# CHAPTER 3 EUROPE MARKET SEGMENTATION

## 3.1 Europe Production Overview

Table Europe Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

## 3.2 Europe Consumption Overview

Table Europe Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

## 3.3 Europe Production by Type

Table Europe Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure Europe Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million

USD)

Table Europe Direct Drive Spindle for PCB Production Volume by Type, 2015-2020  
(Volume)

Figure Europe Direct Drive Spindle for PCB Production Volume Share by Type in 2020  
(Volume)

### 3.4 Europe Consumption by End-Use

Table Europe Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020  
(Million USD)

Figure Europe Direct Drive Spindle for PCB Consumption Value Share by End-Use in  
2020 (Million USD)

Table Europe Direct Drive Spindle for PCB Consumption Volume by End-Use,  
2015-2020 (Volume)

Figure Europe Direct Drive Spindle for PCB Consumption Volume Share by End-Use in  
2020 (Volume)

### 3.5 Europe Consumption by Region

Table Europe Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020  
(Million USD)

Table Europe Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020  
(Volume)

## **CHAPTER 4 AMERICA MARKET SEGMENTATION**

### 4.1 America Production Overview

Table America Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory  
Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

### 4.2 America Consumption Overview

Table America Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal  
Price and Consumption Value (Million USD) List, 2015-2020

### 4.3 America Production by Type

Table America Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure America Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million  
USD)

Table America Direct Drive Spindle for PCB Production Volume by Type, 2015-2020  
(Volume)

Figure America Direct Drive Spindle for PCB Production Volume Share by Type in 2020  
(Volume)

### 4.4 America Consumption by End-Use

Table America Direct Drive Spindle for PCB Consumption Value by End-Use,  
2015-2020 (Million USD)

Figure America Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Table America Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Figure America Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

4.5 America Consumption by Region

Table America Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table America Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

## **CHAPTER 5 ASIA MARKET SEGMENTATION**

5.1 Asia Production Overview

Table Asia Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

5.2 Asia Consumption Overview

Table Asia Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

5.3 Asia Production by Type

Table Asia Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure Asia Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Figure Asia Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

5.4 Asia Consumption by End-Use

Table Asia Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Figure Asia Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Figure Asia Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

5.5 Asia Consumption by Region

Table Asia Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

## **CHAPTER 6 OCEANIA MARKET SEGMENTATION**

### 6.1 Oceania Production Overview

Table Oceania Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

### 6.2 Oceania Consumption Overview

Table Oceania Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

### 6.3 Oceania Production by Type

Table Oceania Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure Oceania Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Figure Oceania Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

### 6.4 Oceania Consumption by End-Use

Table Oceania Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Figure Oceania Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Figure Oceania Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

### 6.5 Oceania Consumption by Region

Table Oceania Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

## **CHAPTER 7 AFRICA MARKET SEGMENTATION**

### 7.1 Africa Production Overview

Table Africa Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory



Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

7.2 Africa Consumption Overview

Table Africa Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

7.3 Africa Production by Type

Table Africa Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Figure Africa Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Figure Africa Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

7.4 Africa Consumption by End-Use

Table Africa Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Figure Africa Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Figure Africa Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

7.5 Africa Consumption by Region

Table Africa Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

## **CHAPTER 8 GLOBAL MARKET FORECAST**

8.1 Global Direct Drive Spindle for PCB Production Forecast

Figure Global Direct Drive Spindle for PCB Revenue and Growth Rate Forecast 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Production Volume and Growth Rate Forecast 2020E-2025F (Volume)

8.2 Global Direct Drive Spindle for PCB Forecast by Type

Table Global Direct Drive Spindle for PCB Revenue by Type, 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Revenue Share by Type in 2025 (Million USD)

Table Global Direct Drive Spindle for PCB Production Volume by Type, 2020E-2025F (Volume)

Figure Global Direct Drive Spindle for PCB Production Volume Share by Type in 2025 (Volume)

8.3 Global Direct Drive Spindle for PCB Forecast by End-Use (2020E-2025F)

Table Global Direct Drive Spindle for PCB Consumption Value by End-Use, 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2025 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by End-Use, 2020E-2025F (Volume)

8.4 Global Direct Drive Spindle for PCB Forecast by Region (2020E-2025F)

Table Global Direct Drive Spindle for PCB Consumption Value by Region, 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by Region in 2025 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by Region, 2020E-2025F (Volume)

Figure Global Direct Drive Spindle for PCB Consumption Volume Share by Region in 2025 (Volume)

## **CHAPTER 9 GLOBAL MAJOR COMPANIES LIST**

### 9.1 Kessler

#### 9.1.1 Kessler Profile

Table Kessler Overview List

#### 9.1.2 Kessler Products & Services

#### 9.1.3 Kessler Company Dynamics & News

#### 9.1.4 Kessler Business Operation Conditions

Table Business Operation of Kessler (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.2 Step-Tec

#### 9.2.1 Step-Tec Profile

Table Step-Tec Overview List

#### 9.2.2 Step-Tec Products & Services

#### 9.2.3 Step-Tec Company Dynamics & News

#### 9.2.4 Step-Tec Business Operation Conditions

Table Business Operation of Step-Tec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.3 Fischer Precise

#### 9.3.1 Fischer Precise Profile

Table Fischer Precise Overview List

#### 9.3.2 Fischer Precise Products & Services

#### 9.3.3 Fischer Precise Company Dynamics & News

#### 9.3.4 Fischer Precise Business Operation Conditions

Table Business Operation of Fischer Precise (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.4 Siemens

#### 9.4.1 Siemens Profile

Table Siemens Overview List

#### 9.4.2 Siemens Products & Services

#### 9.4.3 Siemens Company Dynamics & News

#### 9.4.4 Siemens Business Operation Conditions

Table Business Operation of Siemens (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.5 IBAG Group

#### 9.5.1 IBAG Group Profile

Table IBAG Group Overview List

#### 9.5.2 IBAG Group Products & Services

#### 9.5.3 IBAG Group Company Dynamics & News

#### 9.5.4 IBAG Group Business Operation Conditions

Table Business Operation of IBAG Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.6 Guangzhou Haozhi

#### 9.6.1 Guangzhou Haozhi Profile

Table Guangzhou Haozhi Overview List

#### 9.6.2 Guangzhou Haozhi Products & Services

#### 9.6.3 Guangzhou Haozhi Company Dynamics & News

#### 9.6.4 Guangzhou Haozhi Business Operation Conditions

Table Business Operation of Guangzhou Haozhi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.7 GMN Paul M Iler Industrie GmbH & Co. KG

#### 9.7.1 GMN Paul M Iler Industrie GmbH & Co. KG Profile

Table GMN Paul M Iler Industrie GmbH & Co. KG Overview List

#### 9.7.2 GMN Paul M Iler Industrie GmbH & Co. KG Products & Services

#### 9.7.3 GMN Paul M Iler Industrie GmbH & Co. KG Company Dynamics & News

#### 9.7.4 GMN Paul M Iler Industrie GmbH & Co. KG Business Operation Conditions

Table Business Operation of GMN Paul M Iler Industrie GmbH & Co. KG (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

9.8 Westwind Air Bearings., Ltd. (Novanta)

9.8.1 Westwind Air Bearings., Ltd. (Novanta) Profile

Table Westwind Air Bearings., Ltd. (Novanta) Overview List

9.8.2 Westwind Air Bearings., Ltd. (Novanta) Products & Services

9.8.3 Westwind Air Bearings., Ltd. (Novanta) Company Dynamics & News

9.8.4 Westwind Air Bearings., Ltd. (Novanta) Business Operation Conditions

Table Business Operation of Westwind Air Bearings., Ltd. (Novanta) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9.9 Air Bearing

9.9.1 Air Bearing Profile

Table Air Bearing Overview List

9.9.2 Air Bearing Products & Services

9.9.3 Air Bearing Company Dynamics & News

9.9.4 Air Bearing Business Operation Conditions

Table Business Operation of Air Bearing (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9.10 Nakanishi

9.10.1 Nakanishi Profile

Table Nakanishi Overview List

9.10.2 Nakanishi Products & Services

9.10.3 Nakanishi Company Dynamics & News

9.10.4 Nakanishi Business Operation Conditions

Table Business Operation of Nakanishi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9.11 Posa

9.11.1 Posa Profile

Table Posa Overview List

9.11.2 Posa Products & Services

9.11.3 Posa Company Dynamics & News

9.11.4 Posa Business Operation Conditions

Table Business Operation of Posa (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

9.12 Alfred J ger

9.12.1 Alfred J ger Profile

Table Alfred J ger Overview List

9.12.2 Alfred J ger Products & Services

9.12.3 Alfred J ger Company Dynamics & News

9.12.4 Alfred J ger Business Operation Conditions

Table Business Operation of Alfred J ger (Sales Revenue, Cost, Gross Margin)

### 9.13 SycoTec

#### 9.13.1 SycoTec Profile

Table SycoTec Overview List

#### 9.13.2 SycoTec Products & Services

#### 9.13.3 SycoTec Company Dynamics & News

#### 9.13.4 SycoTec Business Operation Conditions

Table Business Operation of SycoTec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 9.14 Zimmer Group

#### 9.14.1 Zimmer Group Profile

Table Zimmer Group Overview List

#### 9.14.2 Zimmer Group Products & Services

#### 9.14.3 Zimmer Group Company Dynamics & News

#### 9.14.4 Zimmer Group Business Operation Conditions

Table Business Operation of Zimmer Group (Sales Revenue, Cost, Gross Margin)

### 9.15 KLKJ Group Co.,Ltd.

#### 9.15.1 KLKJ Group Co.,Ltd. Profile

Table KLKJ Group Co.,Ltd. Overview List

#### 9.15.2 KLKJ Group Co.,Ltd. Products & Services

#### 9.15.3 KLKJ Group Co.,Ltd. Company Dynamics & News

#### 9.15.4 KLKJ Group Co.,Ltd. Business Operation Conditions

Table Business Operation of KLKJ Group Co.,Ltd. (Sales Revenue, Cost, Gross Margin)

### 9.16 Shenzhen Sufeng

#### 9.16.1 Shenzhen Sufeng Profile

Table Shenzhen Sufeng Overview List

#### 9.16.2 Shenzhen Sufeng Products & Services

#### 9.16.3 Shenzhen Sufeng Company Dynamics & News

#### 9.16.4 Shenzhen Sufeng Business Operation Conditions

Table Business Operation of Shenzhen Sufeng (Sales Revenue, Cost, Gross Margin)

### 9.17 Heinz Fiege GmbH

#### 9.17.1 Heinz Fiege GmbH Profile

Table Heinz Fiege GmbH Overview List

#### 9.17.2 Heinz Fiege GmbH Products & Services

#### 9.17.3 Heinz Fiege GmbH Company Dynamics & News

#### 9.17.4 Heinz Fiege GmbH Business Operation Conditions

Table Business Operation of Heinz Fiege GmbH (Sales Revenue, Cost, Gross Margin)

### 9.18 Parfaite Tool

### 9.18.1 Parfaite Tool Profile

Table Parfaite Tool Overview List

### 9.18.2 Parfaite Tool Products & Services

### 9.18.3 Parfaite Tool Company Dynamics & News

### 9.18.4 Parfaite Tool Business Operation Conditions

Table Business Operation of Parfaite Tool (Sales Revenue, Cost, Gross Margin)

## 9.19 ZYS

### 9.19.1 ZYS Profile

Table ZYS Overview List

### 9.19.2 ZYS Products & Services

### 9.19.3 ZYS Company Dynamics & News

### 9.19.4 ZYS Business Operation Conditions

Table Business Operation of ZYS (Sales Revenue, Cost, Gross Margin)

## 9.20 Changzhou Hanqi

### 9.20.1 Changzhou Hanqi Profile

Table Changzhou Hanqi Overview List

### 9.20.2 Changzhou Hanqi Products & Services

### 9.20.3 Changzhou Hanqi Company Dynamics & News

### 9.20.4 Changzhou Hanqi Business Operation Conditions

Table Business Operation of Changzhou Hanqi (Sales Revenue, Cost, Gross Margin)

## **PART 10 MARKET COMPETITION**

### 10.1 Key Company Market Share

Table Global Direct Drive Spindle for PCB Sales Revenue 2015-2020E, by Companies, in USD Million

Table Global Direct Drive Spindle for PCB Sales Revenue Share, 2015-2020E, by Companies, in USD

Table Global Direct Drive Spindle for PCB Sales Volume by Companies, 2015-2020E (Volume)

Table Global Direct Drive Spindle for PCB Sales Volume Share by Companies, 2015-2020E (Volume)

### 10.2 Regional Market Concentration

Figure Europe Direct Drive Spindle for PCB Market Concentration Ratio in 2020E

Figure America Direct Drive Spindle for PCB Market Concentration Ratio in 2020E

Figure Asia Direct Drive Spindle for PCB Market Concentration Ratio in 2020E

Figure Oceania Direct Drive Spindle for PCB Market Concentration Ratio in 2020E

Figure Africa Direct Drive Spindle for PCB Market Concentration Ratio in 2020E

## **PART 11 CORONAVIRUS IMPACT ON DIRECT DRIVE SPINDLE FOR PCB INDUSTRY**

- 11.1 Impact on Industry Upstream
- 11.2 Impact on Industry Downstream
- 11.3 Impact on Industry Channels
- 11.4 Impact on Industry Competition
- 11.5 Impact on Industry Obtain Employment

## **PART 12 DIRECT DRIVE SPINDLE FOR PCB INDUSTRY SUMMARY & CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table Global Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table Global Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Table Global Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table Europe Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

Table Europe Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

Table Europe Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table Europe Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table Europe Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table Europe Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Table Europe Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Europe Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table America Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

Table America Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

Table America Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table America Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table America Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table America Direct Drive Spindle for PCB Consumption Volume by End-Use,



2015-2020 (Volume)

Table America Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table America Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table Asia Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

Table Asia Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

Table Asia Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table Asia Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Table Asia Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Asia Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table Oceania Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

Table Oceania Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal Price and Consumption Value (Million USD) List, 2015-2020

Table Oceania Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table Oceania Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Table Oceania Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Oceania Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table Africa Direct Drive Spindle for PCB Production Volume (Volume), Ex-factory Price, Revenue (Million USD) and Gross Margin (%) List, 2015-2020

Table Africa Direct Drive Spindle for PCB Consumption Volume (Volume), Terminal

Price and Consumption Value (Million USD) List, 2015-2020

Table Africa Direct Drive Spindle for PCB Revenue by Type, 2015-2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Production Volume by Type, 2015-2020 (Volume)

Table Africa Direct Drive Spindle for PCB Consumption Value by End-Use, 2015-2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Consumption Volume by End-Use, 2015-2020 (Volume)

Table Africa Direct Drive Spindle for PCB Consumption Value by Region, 2015-2020 (Million USD)

Table Africa Direct Drive Spindle for PCB Consumption Volume by Region, 2015-2020 (Volume)

Table Global Direct Drive Spindle for PCB Revenue by Type, 2020E-2025F (Million USD)

Table Global Direct Drive Spindle for PCB Production Volume by Type, 2020E-2025F (Volume)

Table Global Direct Drive Spindle for PCB Consumption Value by End-Use, 2020E-2025F (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by End-Use, 2020E-2025F (Volume)

Table Global Direct Drive Spindle for PCB Consumption Value by Region, 2020E-2025F (Million USD)

Table Global Direct Drive Spindle for PCB Consumption Volume by Region, 2020E-2025F (Volume)

Table Kessler Overview List

Table Business Operation of Kessler (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Step-Tec Overview List

Table Business Operation of Step-Tec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Fischer Precise Overview List

Table Business Operation of Fischer Precise (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Siemens Overview List

Table Business Operation of Siemens (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table IBAG Group Overview List

Table Business Operation of IBAG Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Guangzhou Haozhi Overview List

Table Business Operation of Guangzhou Haozhi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table GMN Paul M Iler Industrie GmbH & Co. KG Overview List

Table Business Operation of GMN Paul M Iler Industrie GmbH & Co. KG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Westwind Air Bearings., Ltd. (Novanta) Overview List

Table Business Operation of Westwind Air Bearings., Ltd. (Novanta) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Air Bearing Overview List

Table Business Operation of Air Bearing (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Nakanishi Overview List

Table Business Operation of Nakanishi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Posa Overview List

Table Business Operation of Posa (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Alfred J ger Overview List

Table Business Operation of Alfred J ger (Sales Revenue, Cost, Gross Margin)

Table SycoTec Overview List

Table Business Operation of SycoTec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Zimmer Group Overview List

Table Business Operation of Zimmer Group (Sales Revenue, Cost, Gross Margin)

Table KLKJ Group Co.,Ltd. Overview List

Table Business Operation of KLKJ Group Co.,Ltd. (Sales Revenue, Cost, Gross Margin)

Table Shenzhen Sufeng Overview List

Table Business Operation of Shenzhen Sufeng (Sales Revenue, Cost, Gross Margin)

Table Heinz Fiege GmbH Overview List

Table Business Operation of Heinz Fiege GmbH (Sales Revenue, Cost, Gross Margin)

Table Parfaite Tool Overview List

Table Business Operation of Parfaite Tool (Sales Revenue, Cost, Gross Margin)

Table ZYS Overview List

Table Business Operation of ZYS (Sales Revenue, Cost, Gross Margin)

Table Changzhou Hanqi Overview List

Table Business Operation of Changzhou Hanqi (Sales Revenue, Cost, Gross Margin)

Table Global Direct Drive Spindle for PCB Sales Revenue 2015-2020E, by Companies,

in USD Million

Table Global Direct Drive Spindle for PCB Sales Revenue Share, 2015-2020E, by Companies, in USD

Table Global Direct Drive Spindle for PCB Sales Volume by Companies, 2015-2020E (Volume)

Table Global Direct Drive Spindle for PCB Sales Volume Share by Companies, 2015-2020E (Volume)

## List Of Figures

### LIST OF FIGURES

Figure Europe Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Europe Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

Figure America Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure America Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

Figure Asia Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Asia Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

Figure Oceania Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Oceania Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

Figure Africa Direct Drive Spindle for PCB Market Size and Growth Rate, 2015E-2020F (Million USD)

Figure Africa Direct Drive Spindle for PCB Market Forecast and Growth Rate, 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure Global Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure Europe Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure Europe Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure Europe Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure Europe Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure America Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure America Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure America Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure America Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure Asia Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure Asia Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure Asia Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure Asia Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure Oceania Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure Oceania Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure Oceania Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure Oceania Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure Africa Direct Drive Spindle for PCB Revenue Share by Type in 2020 (Million USD)

Figure Africa Direct Drive Spindle for PCB Production Volume Share by Type in 2020 (Volume)

Figure Africa Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2020 (Million USD)

Figure Africa Direct Drive Spindle for PCB Consumption Volume Share by End-Use in 2020 (Volume)

Figure Global Direct Drive Spindle for PCB Revenue and Growth Rate Forecast 2020E-2025F (Million USD)

Figure Global Direct Drive Spindle for PCB Production Volume and Growth Rate Forecast 2020E-2025F (Volume)

Figure Global Direct Drive Spindle for PCB Revenue Share by Type in 2025 (Million USD)

Figure Global Direct Drive Spindle for PCB Production Volume Share by Type in 2025 (Volume)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by End-Use in 2025 (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Value Share by Region in 2025 (Million USD)

Figure Global Direct Drive Spindle for PCB Consumption Volume Share by Region in 2025 (Volume)

## I would like to order

Product name: 2015-2025 Global Direct Drive Spindle for PCB Market Research by Type, End-Use and Region (COVID-19 Version)

Product link: <https://marketpublishers.com/r/22B777977054EN.html>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/22B777977054EN.html>

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

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



