

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining Centers Market 2018, Forecast to 2023

https://marketpublishers.com/r/G40612E0957EN.html

Date: July 2018 Pages: 149 Price: US\$ 4,880.00 (Single User License) ID: G40612E0957EN

# **Abstracts**

A 'vertical machining center' has a vertical spindle. With a vertical spindle, tools stick straight down from the tool holder, and often cut across the top of a part.

#### SCOPE OF THE REPORT:

This report focuses on the 3-axis Vertical Machining Centers in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Now, the leading manufacturers of 3-axis Vertical Machining Centers located in the China, USA, Europe, Japan, such as GFMS (Europe), Mazak (Japan), DMG MORI (Japan), Makino (Japan), DMTG (China), occupied 36.79% market share in 2015, followed by Okuma (Japan), JTEKT (Japan) and HAAS (USA), they occupied 4.33%, 4.00%, 3.30% market share in 2015.

3-axis Vertical Machining Centers product demand market there is also a certain space in the next few years, mainly in Japan, Europe, and USA. While in emerging countries especially the China market, the demand of 3-axis Vertical Machining Centers is increasing because of rapidly development of economy. Therefore, investors may be appropriate to focus on these areas.

New enterprise can cooperate with the leading company, such as GFMS, and also must strengthen the study of the product, to promote the company's products to obtain industry competitiveness and market share. Although 3-axis Vertical Machining Centers bring a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.



The worldwide market for 3-axis Vertical Machining Centers is expected to grow at a CAGR of roughly 1.0% over the next five years, will reach 6200 million US\$ in 2023, from 5830 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

GFMS
Hermle
Alzmetall
Chiron
Mazak
DMG MORI
Makino
SPINNER
Okuma
JTEKT
STAMA
Fadal
MECAL
Hardinge
Emmegi
- 3



HAAS CB Ferrari FIDIA

Hurco

Schaublin

YCM

AWEA

Accuway

SMTCL

JFMT

DMTG

Hanland

RIFA

BYJC

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)



Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Low-speed Type

High-speed Type

Market Segment by Applications, can be divided into

Machinery Manufacturing Industry

Vehicle Engineering Industry

Aerospace Manufacturing Industry

Others

There are 15 Chapters to deeply display the global 3-axis Vertical Machining Centers market.

Chapter 1, to describe 3-axis Vertical Machining Centers Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of 3-axis Vertical Machining Centers, with sales, revenue, and price of 3-axis Vertical Machining Centers, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of 3-axis Vertical Machining Centers, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining...



Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, 3-axis Vertical Machining Centers market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe 3-axis Vertical Machining Centers sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



# Contents

#### **1 MARKET OVERVIEW**

- 1.1 3-axis Vertical Machining Centers Introduction
- 1.2 Market Analysis by Type
- 1.2.1 Low-speed Type
- 1.2.2 High-speed Type
- 1.3 Market Analysis by Applications
- 1.3.1 Machinery Manufacturing Industry
- 1.3.2 Vehicle Engineering Industry
- 1.3.3 Aerospace Manufacturing Industry
- 1.3.4 Others
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
  - 1.4.2.1 Germany Market States and Outlook (2013-2023)
  - 1.4.2.2 France Market States and Outlook (2013-2023)
  - 1.4.2.3 UK Market States and Outlook (2013-2023)
  - 1.4.2.4 Russia Market States and Outlook (2013-2023)
  - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
  - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
- 1.4.4 South America, Middle East and Africa
  - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
  - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
  - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
  - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
  - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)

1.5 Market Dynamics

1.5.1 Market Opportunities

1.5.2 Market Risk



1.5.3 Market Driving Force

#### **2 MANUFACTURERS PROFILES**

2.1 GFMS

2.1.1 Business Overview

2.1.1.1 GFMS Description

2.1.1.2 GFMS Headquarter, Main Business and Finance Overview

2.1.2 GFMS 3-axis Vertical Machining Centers Product Introduction

2.1.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.1.2.2 3-axis Vertical Machining Centers Product Information

2.1.3 GFMS 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 GFMS 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global GFMS 3-axis Vertical Machining Centers Market Share in 2017 2.2 Hermle

2.2.1 Business Overview

2.2.1.1 Hermle Description

2.2.1.2 Hermle Headquarter, Main Business and Finance Overview

2.2.2 Hermle 3-axis Vertical Machining Centers Product Introduction

2.2.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.2.2.2 3-axis Vertical Machining Centers Product Information

2.2.3 Hermle 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Hermle 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Hermle 3-axis Vertical Machining Centers Market Share in 2017 2.3 Alzmetall

2.3.1 Business Overview

2.3.1.1 Alzmetall Description

2.3.1.2 Alzmetall Headquarter, Main Business and Finance Overview

2.3.2 Alzmetall 3-axis Vertical Machining Centers Product Introduction

2.3.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.3.2.2 3-axis Vertical Machining Centers Product Information

2.3.3 Alzmetall 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross



Margin and Market Share (2016-2017)

2.3.3.1 Alzmetall 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Alzmetall 3-axis Vertical Machining Centers Market Share in 2017 2.4 Chiron

2.4.1 Business Overview

2.4.1.1 Chiron Description

2.4.1.2 Chiron Headquarter, Main Business and Finance Overview

2.4.2 Chiron 3-axis Vertical Machining Centers Product Introduction

2.4.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.4.2.2 3-axis Vertical Machining Centers Product Information

2.4.3 Chiron 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Chiron 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Chiron 3-axis Vertical Machining Centers Market Share in 2017 2.5 Mazak

2.5.1 Business Overview

2.5.1.1 Mazak Description

2.5.1.2 Mazak Headquarter, Main Business and Finance Overview

2.5.2 Mazak 3-axis Vertical Machining Centers Product Introduction

2.5.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.5.2.2 3-axis Vertical Machining Centers Product Information

2.5.3 Mazak 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Mazak 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Mazak 3-axis Vertical Machining Centers Market Share in 2017 2.6 DMG MORI

2.6.1 Business Overview

2.6.1.1 DMG MORI Description

2.6.1.2 DMG MORI Headquarter, Main Business and Finance Overview

2.6.2 DMG MORI 3-axis Vertical Machining Centers Product Introduction

2.6.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.6.2.2 3-axis Vertical Machining Centers Product Information

2.6.3 DMG MORI 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross



Margin and Market Share (2016-2017)

2.6.3.1 DMG MORI 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global DMG MORI 3-axis Vertical Machining Centers Market Share in 2017 2.7 Makino

2.7.1 Business Overview

2.7.1.1 Makino Description

2.7.1.2 Makino Headquarter, Main Business and Finance Overview

2.7.2 Makino 3-axis Vertical Machining Centers Product Introduction

2.7.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.7.2.2 3-axis Vertical Machining Centers Product Information

2.7.3 Makino 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Makino 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Makino 3-axis Vertical Machining Centers Market Share in 2017 2.8 SPINNER

2.8.1 Business Overview

2.8.1.1 SPINNER Description

2.8.1.2 SPINNER Headquarter, Main Business and Finance Overview

2.8.2 SPINNER 3-axis Vertical Machining Centers Product Introduction

2.8.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.8.2.2 3-axis Vertical Machining Centers Product Information

2.8.3 SPINNER 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 SPINNER 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global SPINNER 3-axis Vertical Machining Centers Market Share in 2017 2.9 Okuma

2.9.1 Business Overview

2.9.1.1 Okuma Description

2.9.1.2 Okuma Headquarter, Main Business and Finance Overview

2.9.2 Okuma 3-axis Vertical Machining Centers Product Introduction

2.9.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.9.2.2 3-axis Vertical Machining Centers Product Information

2.9.3 Okuma 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin



and Market Share (2016-2017)

2.9.3.1 Okuma 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Okuma 3-axis Vertical Machining Centers Market Share in 2017 2.10 JTEKT

2.10.1 Business Overview

2.10.1.1 JTEKT Description

2.10.1.2 JTEKT Headquarter, Main Business and Finance Overview

2.10.2 JTEKT 3-axis Vertical Machining Centers Product Introduction

2.10.2.1 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

2.10.2.2 3-axis Vertical Machining Centers Product Information

2.10.3 JTEKT 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 JTEKT 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global JTEKT 3-axis Vertical Machining Centers Market Share in 2017 2.11 STAMA

2.11.1 Business Overview

2.11.2 STAMA 3-axis Vertical Machining Centers Product Introduction

2.11.3 STAMA 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 Fadal

2.12.1 Business Overview

2.12.2 Fadal 3-axis Vertical Machining Centers Product Introduction

2.12.3 Fadal 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.13 MECAL

2.13.1 Business Overview

2.13.2 MECAL 3-axis Vertical Machining Centers Product Introduction

2.13.3 MECAL 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.14 Hardinge

2.14.1 Business Overview

2.14.2 Hardinge 3-axis Vertical Machining Centers Product Introduction

2.14.3 Hardinge 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.15 Emmegi

2.15.1 Business Overview



2.15.2 Emmegi 3-axis Vertical Machining Centers Product Introduction

2.15.3 Emmegi 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.16 FOM Industrie

2.16.1 Business Overview

2.16.2 FOM Industrie 3-axis Vertical Machining Centers Product Introduction

2.16.3 FOM Industrie 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.17 HAAS

2.17.1 Business Overview

2.17.2 HAAS 3-axis Vertical Machining Centers Product Introduction

2.17.3 HAAS 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.18 CB Ferrari

2.18.1 Business Overview

2.18.2 CB Ferrari 3-axis Vertical Machining Centers Product Introduction

2.18.3 CB Ferrari 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross

Margin and Market Share (2016-2017)

2.19 FIDIA

2.19.1 Business Overview

2.19.2 FIDIA 3-axis Vertical Machining Centers Product Introduction

2.19.3 FIDIA 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.20 Hurco

2.20.1 Business Overview

2.20.2 Hurco 3-axis Vertical Machining Centers Product Introduction

2.20.3 Hurco 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.21 Schaublin

2.21.1 Business Overview

2.21.2 Schaublin 3-axis Vertical Machining Centers Product Introduction

2.21.3 Schaublin 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.22 YCM

2.22.1 Business Overview

2.22.2 YCM 3-axis Vertical Machining Centers Product Introduction

2.22.3 YCM 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.23 AWEA



2.23.1 Business Overview

2.23.2 AWEA 3-axis Vertical Machining Centers Product Introduction

2.23.3 AWEA 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.24 Accuway

2.24.1 Business Overview

2.24.2 Accuway 3-axis Vertical Machining Centers Product Introduction

2.24.3 Accuway 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.25 SMTCL

2.25.1 Business Overview

2.25.2 SMTCL 3-axis Vertical Machining Centers Product Introduction

2.25.3 SMTCL 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.26 JFMT

2.26.1 Business Overview

2.26.2 JFMT 3-axis Vertical Machining Centers Product Introduction

2.26.3 JFMT 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.27 DMTG

2.27.1 Business Overview

2.27.2 DMTG 3-axis Vertical Machining Centers Product Introduction

2.27.3 DMTG 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.28 Hanland

2.28.1 Business Overview

2.28.2 Hanland 3-axis Vertical Machining Centers Product Introduction

2.28.3 Hanland 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.29 RIFA

2.29.1 Business Overview

2.29.2 RIFA 3-axis Vertical Machining Centers Product Introduction

2.29.3 RIFA 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.30 BYJC

2.30.1 Business Overview

2.30.2 BYJC 3-axis Vertical Machining Centers Product Introduction

2.30.3 BYJC 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)



#### 3 GLOBAL 3-AXIS VERTICAL MACHINING CENTERS MARKET COMPETITION, BY MANUFACTURER

3.1 Global 3-axis Vertical Machining Centers Sales and Market Share by Manufacturer (2016-2017)

3.2 Global 3-axis Vertical Machining Centers Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global 3-axis Vertical Machining Centers Price by Manufacturer (2016-2017)3.4 Market Concentration Rate

3.4.1 Top 3 3-axis Vertical Machining Centers Manufacturer Market Share in 2017 3.4.2 Top 5 3-axis Vertical Machining Centers Manufacturer Market Share in 2017

3.5 Market Competition Trend

## 4 GLOBAL 3-AXIS VERTICAL MACHINING CENTERS MARKET ANALYSIS BY REGIONS

4.1 Global 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Regions

- 4.1.1 Global 3-axis Vertical Machining Centers Sales by Regions (2013-2018)
- 4.1.2 Global 3-axis Vertical Machining Centers Revenue by Regions (2013-2018)

4.2 North America 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2013-2018)

4.5 South America 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2013-2018)

# 5 NORTH AMERICA 3-AXIS VERTICAL MACHINING CENTERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Countries

5.1.1 North America 3-axis Vertical Machining Centers Sales by Countries (2013-2018)



5.1.2 North America 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

5.1.3 United States 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

5.1.4 Canada 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

5.1.5 Mexico 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) 5.2 North America 3-axis Vertical Machining Centers Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America 3-axis Vertical Machining Centers Sales by Manufacturers (2016-2017)

5.2.2 North America 3-axis Vertical Machining Centers Revenue by Manufacturers (2016-2017)

5.3 North America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America 3-axis Vertical Machining Centers Sales and Sales Share by Type (2013-2018)

5.3.2 North America 3-axis Vertical Machining Centers Revenue and Revenue Share by Type (2013-2018)

5.4 North America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America 3-axis Vertical Machining Centers Sales and Sales Share by Application (2013-2018)

5.4.2 North America 3-axis Vertical Machining Centers Revenue and Revenue Share by Application (2013-2018)

# 6 EUROPE 3-AXIS VERTICAL MACHINING CENTERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Countries

6.1.1 Europe 3-axis Vertical Machining Centers Sales by Countries (2013-2018)

6.1.2 Europe 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

- 6.1.3 Germany 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)
- 6.1.4 UK 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)
- 6.1.5 France 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

6.1.6 Russia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

6.1.7 Italy 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

6.2 Europe 3-axis Vertical Machining Centers Sales and Revenue (Value) by Manufacturers (2016-2017)



6.2.1 Europe 3-axis Vertical Machining Centers Sales by Manufacturers (2016-2017)6.2.2 Europe 3-axis Vertical Machining Centers Revenue by Manufacturers(2016-2017)

6.3 Europe 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe 3-axis Vertical Machining Centers Sales and Sales Share by Type (2013-2018)

6.3.2 Europe 3-axis Vertical Machining Centers Revenue and Revenue Share by Type (2013-2018)

6.4 Europe 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe 3-axis Vertical Machining Centers Sales and Sales Share by Application (2013-2018)

6.4.2 Europe 3-axis Vertical Machining Centers Revenue and Revenue Share by Application (2013-2018)

## 7 ASIA-PACIFIC 3-AXIS VERTICAL MACHINING CENTERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific 3-axis Vertical Machining Centers Sales by Countries (2013-2018)

7.1.2 Asia-Pacific 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

7.1.3 China 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

7.1.4 Japan 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

- 7.1.5 Korea 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)
- 7.1.6 India 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific 3-axis Vertical Machining Centers Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific 3-axis Vertical Machining Centers Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific 3-axis Vertical Machining Centers Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific 3-axis Vertical Machining Centers Sales and Sales Share by Type



(2013-2018)

7.3.2 Asia-Pacific 3-axis Vertical Machining Centers Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific 3-axis Vertical Machining Centers Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific 3-axis Vertical Machining Centers Revenue and Revenue Share by Application (2013-2018)

### 8 SOUTH AMERICA 3-AXIS VERTICAL MACHINING CENTERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Countries

8.1.1 South America 3-axis Vertical Machining Centers Sales by Countries (2013-2018)

8.1.2 South America 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

8.1.3 Brazil 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

8.1.4 Argentina 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

8.1.5 Colombia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)8.2 South America 3-axis Vertical Machining Centers Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America 3-axis Vertical Machining Centers Sales by Manufacturers (2016-2017)

8.2.2 South America 3-axis Vertical Machining Centers Revenue by Manufacturers (2016-2017)

8.3 South America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America 3-axis Vertical Machining Centers Sales and Sales Share by Type (2013-2018)

8.3.2 South America 3-axis Vertical Machining Centers Revenue and Revenue Share by Type (2013-2018)

8.4 South America 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America 3-axis Vertical Machining Centers Sales and Sales Share by Application (2013-2018)

8.4.2 South America 3-axis Vertical Machining Centers Revenue and Revenue Share



by Application (2013-2018)

### 9 MIDDLE EAST AND AFRICA 3-AXIS VERTICAL MACHINING CENTERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa 3-axis Vertical Machining Centers Sales by Countries (2013-2018)

9.1.2 Middle East and Africa 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

9.1.4 UAE 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

9.1.5 Egypt 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

9.1.6 Nigeria 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

9.1.7 South Africa 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa 3-axis Vertical Machining Centers Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa 3-axis Vertical Machining Centers Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa 3-axis Vertical Machining Centers Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa 3-axis Vertical Machining Centers Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa 3-axis Vertical Machining Centers Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa 3-axis Vertical Machining Centers Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa 3-axis Vertical Machining Centers Revenue and Revenue Share by Application (2013-2018)

### 10 GLOBAL 3-AXIS VERTICAL MACHINING CENTERS MARKET SEGMENT BY TYPE

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining...



10.1 Global 3-axis Vertical Machining Centers Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global 3-axis Vertical Machining Centers Sales and Market Share by Type (2013-2018)

10.1.2 Global 3-axis Vertical Machining Centers Revenue and Market Share by Type (2013-2018)

10.2 Low-speed Type Sales Growth and Price

10.2.1 Global Low-speed Type Sales Growth (2013-2018)

10.2.2 Global Low-speed Type Price (2013-2018)

10.3 High-speed Type Sales Growth and Price

10.3.1 Global High-speed Type Sales Growth (2013-2018)

10.3.2 Global High-speed Type Price (2013-2018)

# 11 GLOBAL 3-AXIS VERTICAL MACHINING CENTERS MARKET SEGMENT BY APPLICATION

11.1 Global 3-axis Vertical Machining Centers Sales Market Share by Application (2013-2018)

11.2 Machinery Manufacturing Industry Sales Growth (2013-2018)

11.3 Vehicle Engineering Industry Sales Growth (2013-2018)

11.4 Aerospace Manufacturing Industry Sales Growth (2013-2018)

11.5 Others Sales Growth (2013-2018)

### 12 3-AXIS VERTICAL MACHINING CENTERS MARKET FORECAST (2018-2023)

12.1 Global 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2018-2023)

- 12.2 3-axis Vertical Machining Centers Market Forecast by Regions (2018-2023) 12.2.1 North America 3-axis Vertical Machining Centers Market Forecast (2018-2023)
  - 12.2.2 Europe 3-axis Vertical Machining Centers Market Forecast (2018-2023)
- 12.2.3 Asia-Pacific 3-axis Vertical Machining Centers Market Forecast (2018-2023)
- 12.2.4 South America 3-axis Vertical Machining Centers Market Forecast (2018-2023)

12.2.5 Middle East and Africa 3-axis Vertical Machining Centers Market Forecast (2018-2023)

12.3 3-axis Vertical Machining Centers Market Forecast by Type (2018-2023)
12.3.1 Global 3-axis Vertical Machining Centers Sales Forecast by Type (2018-2023)
12.3.2 Global 3-axis Vertical Machining Centers Market Share Forecast by Type
(2018-2023)



12.4 3-axis Vertical Machining Centers Market Forecast by Application (2018-2023)12.4.1 Global 3-axis Vertical Machining Centers Sales Forecast by Application(2018-2023)

12.4.2 Global 3-axis Vertical Machining Centers Market Share Forecast by Application (2018-2023)

#### 13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

#### 14 RESEARCH FINDINGS AND CONCLUSION

#### **15 APPENDIX**

- 15.1 Methodology
- 15.2 Data Source



# List Of Tables

#### LIST OF TABLES AND FIGURES

Figure 3-axis Vertical Machining Centers Picture Table Product Specifications of 3-axis Vertical Machining Centers Figure Global 3-axis Vertical Machining Centers CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million) Figure Global 3-axis Vertical Machining Centers CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales) Figure Global Sales Market Share of 3-axis Vertical Machining Centers by Types in 2017 Figure Low-speed Type Picture Table Major Manufacturers of Low-speed Type Figure High-speed Type Picture Table Major Manufacturers of High-speed Type Figure 3-axis Vertical Machining Centers Sales Market Share by Applications in 2017 Figure Machinery Manufacturing Industry Picture Figure Vehicle Engineering Industry Picture Figure Aerospace Manufacturing Industry Picture **Figure Others Picture** Figure United States 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023) Figure Canada 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023) Figure Mexico 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure Germany 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure France 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure UK 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure Russia 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure Italy 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)Figure China 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013 - 2023)



Figure Japan 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Korea 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure India 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria 3-axis Vertical Machining Centers Revenue (Value) and Growth Rate (2013-2023)

Table GFMS Headquarter, Established, Main Business and Finance Overview (2017) Table GFMS 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table GFMS 3-axis Vertical Machining Centers Product

Table GFMS 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global GFMS 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global GFMS 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table Hermle Headquarter, Established, Main Business and Finance Overview (2017) Table Hermle 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Hermle 3-axis Vertical Machining Centers Product

Table Hermle 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Hermle 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Hermle 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table Alzmetall Headquarter, Established, Main Business and Finance Overview (2017) Table Alzmetall 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Alzmetall 3-axis Vertical Machining Centers Product

Table Alzmetall 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin



and Market Share (2016-2017)

Figure Global Alzmetall 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Alzmetall 3-axis Vertical Machining Centers Revenue Market Share in 2017

Table Chiron Headquarter, Established, Main Business and Finance Overview (2017) Table Chiron 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Chiron 3-axis Vertical Machining Centers Product

Table Chiron 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Chiron 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Chiron 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table Mazak Headquarter, Established, Main Business and Finance Overview (2017) Table Mazak 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Mazak 3-axis Vertical Machining Centers Product

Table Mazak 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Mazak 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Mazak 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table DMG MORI Headquarter, Established, Main Business and Finance Overview (2017)

Table DMG MORI 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table DMG MORI 3-axis Vertical Machining Centers Product

Table DMG MORI 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global DMG MORI 3-axis Vertical Machining Centers Sales Market Share in 2017

Figure Global DMG MORI 3-axis Vertical Machining Centers Revenue Market Share in 2017

Table Makino Headquarter, Established, Main Business and Finance Overview (2017) Table Makino 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Makino 3-axis Vertical Machining Centers Product

Table Makino 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Makino 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Makino 3-axis Vertical Machining Centers Revenue Market Share in 2017



Table SPINNER Headquarter, Established, Main Business and Finance Overview (2017)

Table SPINNER 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table SPINNER 3-axis Vertical Machining Centers Product

Table SPINNER 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global SPINNER 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global SPINNER 3-axis Vertical Machining Centers Revenue Market Share in 2017

Table Okuma Headquarter, Established, Main Business and Finance Overview (2017) Table Okuma 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table Okuma 3-axis Vertical Machining Centers Product

Table Okuma 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Okuma 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global Okuma 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table JTEKT Headquarter, Established, Main Business and Finance Overview (2017) Table JTEKT 3-axis Vertical Machining Centers Production Bases, Sales Regions and Major Competitors

Table JTEKT 3-axis Vertical Machining Centers Product

Table JTEKT 3-axis Vertical Machining Centers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global JTEKT 3-axis Vertical Machining Centers Sales Market Share in 2017 Figure Global JTEKT 3-axis Vertical Machining Centers Revenue Market Share in 2017 Table STAMA

Table STAMA 3-axis Vertical Machining Centers

Table Fadal

Table Fadal 3-axis Vertical Machining Centers

Table MECAL

Table MECAL 3-axis Vertical Machining Centers

Table Hardinge

 Table Hardinge 3-axis Vertical Machining Centers

Table Emmegi

Table Emmegi 3-axis Vertical Machining Centers

Table FOM Industrie

 Table FOM Industrie 3-axis Vertical Machining Centers

Table HAAS



Table HAAS 3-axis Vertical Machining Centers Table CB Ferrari Table CB Ferrari 3-axis Vertical Machining Centers Table FIDIA Table FIDIA 3-axis Vertical Machining Centers **Table Hurco** Table Hurco 3-axis Vertical Machining Centers Table Schaublin Table Schaublin 3-axis Vertical Machining Centers Table YCM Table YCM 3-axis Vertical Machining Centers Table AWEA Table AWEA 3-axis Vertical Machining Centers Table Accuway Table Accuway 3-axis Vertical Machining Centers Table SMTCL Table SMTCL 3-axis Vertical Machining Centers Table JFMT Table JFMT 3-axis Vertical Machining Centers Table DMTG Table DMTG 3-axis Vertical Machining Centers Table Hanland Table Hanland 3-axis Vertical Machining Centers Table RIFA Table RIFA 3-axis Vertical Machining Centers Table BYJC Table BYJC 3-axis Vertical Machining Centers Table Global 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017) Figure Global 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016 Figure Global 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017 Table Global 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017) Figure Global 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2016 Figure Global 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017 Table Global 3-axis Vertical Machining Centers Price by Manufacturer (2016-2017) Figure Top 3 3-axis Vertical Machining Centers Manufacturer (Revenue) Market Share



in 2017

Figure Top 6 3-axis Vertical Machining Centers Manufacturer (Revenue) Market Share in 2017 Figure Global 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Global 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Table Global 3-axis Vertical Machining Centers Sales by Regions (2013-2018) Table Global 3-axis Vertical Machining Centers Sales Market Share by Regions (2013 - 2018)Table Global 3-axis Vertical Machining Centers Revenue by Regions (2013-2018) Figure Global 3-axis Vertical Machining Centers Revenue Market Share by Regions in 2013 Figure Global 3-axis Vertical Machining Centers Revenue Market Share by Regions in 2017 Figure North America 3-axis Vertical Machining Centers Sales and Growth Rate (2013 - 2018)Figure North America 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Figure Europe 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Europe 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Figure Asia-Pacific 3-axis Vertical Machining Centers Sales and Growth Rate (2013 - 2018)Figure Asia-Pacific 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Figure South America 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure South America 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Figure Middle East and Africa 3-axis Vertical Machining Centers Sales and Growth Rate (2013 - 2018)Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue and Growth Rate (2013-2018) Figure North America 3-axis Vertical Machining Centers Revenue and Growth Rate (2013 - 2018)Table North America 3-axis Vertical Machining Centers Sales by Countries (2013-2018) Table North America 3-axis Vertical Machining Centers Sales Market Share by Countries (2013-2018) Figure North America 3-axis Vertical Machining Centers Sales Market Share by Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining...



Countries in 2013

Figure North America 3-axis Vertical Machining Centers Sales Market Share by Countries in 2017

Table North America 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

Table North America 3-axis Vertical Machining Centers Revenue Market Share by Countries (2013-2018)

Figure North America 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2013

Figure North America 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2017

Figure United States 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure Canada 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Mexico 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Table North America 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017)

Figure North America 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016

Figure North America 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017

Table North America 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017)

Figure North America 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2016

Figure North America 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017

Table North America 3-axis Vertical Machining Centers Sales by Type (2013-2018) Table North America 3-axis Vertical Machining Centers Sales Share by Type (2013-2018)

Table North America 3-axis Vertical Machining Centers Revenue by Type (2013-2018) Table North America 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018)

Table North America 3-axis Vertical Machining Centers Sales by Application (2013-2018)

Table North America 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Table North America 3-axis Vertical Machining Centers Revenue by Application (2013-2018)



Table North America 3-axis Vertical Machining Centers Revenue Share by Application (2013-2018)

Figure Europe 3-axis Vertical Machining Centers Revenue and Growth Rate (2013-2018)

Table Europe 3-axis Vertical Machining Centers Sales by Countries (2013-2018) Table Europe 3-axis Vertical Machining Centers Sales Market Share by Countries (2013-2018)

Table Europe 3-axis Vertical Machining Centers Revenue by Countries (2013-2018) Figure Europe 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2016

Figure Europe 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2017

Figure Germany 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure UK 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure France 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure Russia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure Italy 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Table Europe 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017) Figure Europe 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016

Figure Europe 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017

Table Europe 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017)Figure Europe 3-axis Vertical Machining Centers Revenue Market Share byManufacturer in 2016

Figure Europe 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017

Table Europe 3-axis Vertical Machining Centers Sales by Type (2013-2018) Table Europe 3-axis Vertical Machining Centers Sales Share by Type (2013-2018) Table Europe 3-axis Vertical Machining Centers Revenue by Type (2013-2018) Table Europe 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018) Table Europe 3-axis Vertical Machining Centers Sales by Application (2013-2018) Table Europe 3-axis Vertical Machining Centers Sales by Application (2013-2018) Table Europe 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Table Europe 3-axis Vertical Machining Centers Revenue by Application (2013-2018) Table Europe 3-axis Vertical Machining Centers Revenue Share by Application (2013-2018)

Figure Asia-Pacific 3-axis Vertical Machining Centers Revenue and Growth Rate (2013-2018)



Table Asia-Pacific 3-axis Vertical Machining Centers Sales by Countries (2013-2018) Table Asia-Pacific 3-axis Vertical Machining Centers Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific 3-axis Vertical Machining Centers Sales Market Share by Countries 2017

Table Asia-Pacific 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

Figure Asia-Pacific 3-axis Vertical Machining Centers Revenue Market Share by Countries 2017

Figure China 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Japan 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Korea 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure India 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Southeast Asia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Southeast Asia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Table Asia-Pacific 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017)

Figure Asia-Pacific 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017

Table Asia-Pacific 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific 3-axis Vertical Machining Centers Sales by Type (2013-2018) Table Asia-Pacific 3-axis Vertical Machining Centers Sales Share by Type (2013-2018) Table Asia-Pacific 3-axis Vertical Machining Centers Revenue by Type (2013-2018) Table Asia-Pacific 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018)

Table Asia-Pacific 3-axis Vertical Machining Centers Sales by Application (2013-2018) Table Asia-Pacific 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Table Asia-Pacific 3-axis Vertical Machining Centers Revenue by Application (2013-2018)

Table Asia-Pacific 3-axis Vertical Machining Centers Revenue Share by Application (2013-2018)



Figure South America 3-axis Vertical Machining Centers Revenue and Growth Rate (2013-2018)

Table South America 3-axis Vertical Machining Centers Sales by Countries (2013-2018) Table South America 3-axis Vertical Machining Centers Sales Market Share by

Countries (2013-2018)

Figure South America 3-axis Vertical Machining Centers Sales Market Share by Countries in 2017

Table South America 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

Table South America 3-axis Vertical Machining Centers Revenue Market Share by Countries (2013-2018)

Figure South America 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2017

Figure Brazil 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Argentina 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Colombia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Table South America 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017)

Figure South America 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016

Figure South America 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017

Table South America 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017)

Figure South America 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2016

Figure South America 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017

Table South America 3-axis Vertical Machining Centers Sales by Type (2013-2018) Table South America 3-axis Vertical Machining Centers Sales Share by Type (2013-2018)

Table South America 3-axis Vertical Machining Centers Revenue by Type (2013-2018) Table South America 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018)

Table South America 3-axis Vertical Machining Centers Sales by Application (2013-2018)

Table South America 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Table South America 3-axis Vertical Machining Centers Revenue by Application



(2013-2018)

Table South America 3-axis Vertical Machining Centers Revenue Share by Application (2013-2018)

Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue and Growth Rate (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales by Countries (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa 3-axis Vertical Machining Centers Sales Market Share by Countries in 2017

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue by Countries (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2013

Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue Market Share by Countries in 2017

Figure Saudi Arabia 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure UAE 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018) Figure Egypt 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure Nigeria 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Figure South Africa 3-axis Vertical Machining Centers Sales and Growth Rate (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales by Manufacturer (2016-2017)

Figure Middle East and Africa 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa 3-axis Vertical Machining Centers Sales Market Share by Manufacturer in 2017

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa 3-axis Vertical Machining Centers Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa 3-axis Vertical Machining Centers Sales by Type



(2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales Share by Type (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue by Type (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales by Application (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue by Application (2013-2018)

Table Middle East and Africa 3-axis Vertical Machining Centers Revenue Share by Application (2013-2018)

 Table Global 3-axis Vertical Machining Centers Sales by Type (2013-2018)

Table Global 3-axis Vertical Machining Centers Sales Share by Type (2013-2018)

Table Global 3-axis Vertical Machining Centers Revenue by Type (2013-2018)

Table Global 3-axis Vertical Machining Centers Revenue Share by Type (2013-2018)

Figure Global Low-speed Type Sales Growth (2013-2018)

Figure Global Low-speed Type Price (2013-2018)

Figure Global High-speed Type Sales Growth (2013-2018)

Figure Global High-speed Type Price (2013-2018)

 Table Global 3-axis Vertical Machining Centers Sales by Application (2013-2018)

Table Global 3-axis Vertical Machining Centers Sales Share by Application (2013-2018)

Figure Global Machinery Manufacturing Industry Sales Growth (2013-2018)

Figure Global Vehicle Engineering Industry Sales Growth (2013-2018)

Figure Global Aerospace Manufacturing Industry Sales Growth (2013-2018)

Figure Global Others Sales Growth (2013-2018)

Figure Global 3-axis Vertical Machining Centers Sales, Revenue and Growth Rate (2018-2023)

Table Global 3-axis Vertical Machining Centers Sales Forecast by Regions (2018-2023) Table Global 3-axis Vertical Machining Centers Market Share Forecast by Regions (2018-2023)

Figure North America Sales 3-axis Vertical Machining Centers Market Forecast (2018-2023)

Figure Europe Sales 3-axis Vertical Machining Centers Market Forecast (2018-2023) Figure Asia-Pacific Sales 3-axis Vertical Machining Centers Market Forecast (2018-2023)

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining...



Figure South America Sales 3-axis Vertical Machining Centers Market Forecast (2018-2023)

Figure Middle East and Africa Sales 3-axis Vertical Machining Centers Market Forecast (2018-2023)

Table Global 3-axis Vertical Machining Centers Sales Forecast by Type (2018-2023)

Table Global 3-axis Vertical Machining Centers Market Share Forecast by Type (2018-2023)

Table Global 3-axis Vertical Machining Centers Sales Forecast by Application (2018-2023)

Table Global 3-axis Vertical Machining Centers Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List



#### I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining Centers Market 2018, Forecast to 2023 Product link: https://marketpublishers.com/r/G40612E0957EN.html Price: US\$ 4,880.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G40612E0957EN.html</u>

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

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

\*\*All fields are required

Custumer signature \_\_\_\_\_

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

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



Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) 3-axis Vertical Machining...