

Variable Frequency Drives (VFD) - Global Market Outlook (2015-2022)

<https://marketpublishers.com/r/V5F935F77A0EN.html>

Date: May 2016

Pages: 119

Price: US\$ 4,150.00 (Single User License)

ID: V5F935F77A0EN

Abstracts

According to Statistics MRC, the Global Variable Frequency Drives (VFD) market is accounted for \$18.12 billion in 2015 and is expected to reach \$34.36 billion by 2022 growing at a CAGR of 9.5% during the forecast period. Increase in demand, price of the electricity, enlarging usage of variable frequency drives and following the best energy efficiency standards in manufacturing VFD are the major factors influencing the market growth. Whereas lack of investments on VFD is lagging back the market growth. As it has huge potential to replace, it provides ample of opportunities for the market to grow. However, healthy competition among the players in the market is challenge for market.

Pumps in Variable Frequency Drives (VFD) application segment holds the largest share witnessing the highest CAGR during the forecast period because of rapid industrialisation, oil extraction and considerable growth of construction in developing countries. Asia Pacific is the largest market for variable frequency drives because of rapid industrialization, but Africa and Middle East regions have recorded the fastest growth during the forecast period.

Some of the key players in the market are Hitachi Ltd., Rockwell Automation Inc., American Electric Technologies Inc. (AETI), Fuji Electric Co. Ltd., ABB Ltd., GE Energy Power Conversion, Schneider Electric Co., Toshiba International Corporation, Mitsubishi Electric Corporation, Crompton Greaves Limited, Siemens AG, Honeywell International Inc., Johnson Controls Inc., Emerson Electric Co., Eaton Corporation Plc., and Danfoss.

Applications Covered:

Conveyors

Extruders

Pumps

Fans

Compressors

Extruder

Other Applications

Drive Types Covered:

DC Drive

Servo Drive

AC Drive

Voltage Ranges Covered:

Medium Voltage (>691 V)

Low Voltage (0–690 V)

Components Covered:

Controller

Drive Controller

AC Motor

Operator Interface

Power Range covered:

High Power Drives (>200 kW)

Medium Power Drives (41 kW–200 kW)

Low Power Drives (6 kW–40 kW)

Micro Power Drives (0–5 kW)

Types of VFD covered:

Cycloconverter or matrix converter (MC)

Voltage-source inverter (VSI) Drive

Variable Torque Drive

Load commutated inverter (LCI) Drive

Current-source inverter (CSI) Drive

Constant Power Drive

Six-step inverter Drive

Doubly fed slip recovery system

Constant Torque Drive

End Users Covered:

Chemical processing

Manufacturing

Automotive

Oil & Gas

Infrastructure Development

Pulp & Papers

Mining & Metals

Power Generation

Food Processing

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

WHAT OUR REPORT OFFERS:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub

segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging markets

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY APPLICATION

- 5.1 Introduction
- 5.2 Conveyor
- 5.3 Pump
- 5.4 Elevator
- 5.5 Fans
- 5.6 Extruder
- 5.7 Compressor
- 5.8 Other Applications

6 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY DRIVE TYPE

- 6.1 Introduction
- 6.2 DC Drive
- 6.3 Servo Drive
- 6.4 AC Drive

7 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY VOLTAGE RANGE

- 7.1 Introduction
- 7.2 Medium Voltage (>691 V)
- 7.3 Low Voltage (0–690 V)

8 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY COMPONENT

- 8.1 Introduction
- 8.2 Controller
- 8.3 Drive Controller
- 8.4 AC Motor
- 8.5 Operator Interface

9 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY POWER RANGE

- 9.1 Introduction
- 9.2 High Power Drives (>200 kW)
- 9.3 Medium Power Drives (41 kW–200 kW)
- 9.4 Low Power Drives (6 kW–40 kW)
- 9.5 Micro Power Drives (0–5 kW)

10 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY VFD TYPE

- 10.1 Introduction
- 10.2 Cycloconverter or matrix converter (MC)
- 10.3 Voltage-source inverter (VSI) Drive
- 10.4 Variable Torque Drive
- 10.5 Load commutated inverter (LCI) Drive
- 10.6 Current-source inverter (CSI) Drive
- 10.7 Constant Power Drive
- 10.8 Six-step inverter Drive
- 10.9 Doubly fed slip recovery system
- 10.10 Constant Torque Drive

11 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY END USER

- 11.1 Introduction
- 11.2 Chemical processing
- 11.3 Manufacturing
- 11.4 Automotive
- 11.5 Oil & Gas
- 11.6 Infrastructure Development
- 11.7 Pulp & Papers
- 11.8 Mining & Metals
- 11.9 Power Generation
- 11.10 Food Processing
- 11.11 Other End Users

12 GLOBAL VARIABLE FREQUENCY DRIVES (VFD) MARKET, BY GEOGRAPHY

- 12.1 North America
 - 12.1.1 US
 - 12.1.2 Canada
 - 12.1.3 Mexico
- 12.2 Europe
 - 12.2.1 Germany
 - 12.2.2 France
 - 12.2.3 Italy
 - 12.2.4 UK

- 12.2.5 Spain
- 12.2.6 Rest of Europe
- 12.3 Asia Pacific
 - 12.3.1 Japan
 - 12.3.2 China
 - 12.3.3 India
 - 12.3.4 Australia
 - 12.3.5 New Zealand
 - 12.3.6 Rest of Asia Pacific
- 12.4 Rest of the World
 - 12.4.1 Middle East
 - 12.4.2 Brazil
 - 12.4.3 Argentina
 - 12.4.4 South Africa
 - 12.4.5 Egypt

13 KEY DEVELOPMENTS

- 13.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 13.2 Acquisitions & Mergers
- 13.3 New Product Launch
- 13.4 Expansions
- 13.5 Other Key Strategies

14 COMPANY PROFILING

- 14.1 Hitachi Ltd.
- 14.2 Rockwell Automation Inc.
- 14.3 American Electric Technologies Inc. (AETI)
- 14.4 Fuji Electric Co., Ltd
- 14.5 ABB Ltd.
- 14.6 GE Energy Power Conversion
- 14.7 Schneider Electric Co.
- 14.8 Toshiba International Corporation
- 14.9 Mitsubishi Electric Corporation
- 14.10 Crompton Greaves Limited
- 14.11 Siemens AG
- 14.12 Honeywell International Inc.
- 14.13 Johnson Controls Inc.,

- 14.14 Emerson Electric Co.
- 14.15 Eaton Corporation Plc.
- 14.16 Danfoss

List Of Tables

LIST OF TABLES

- 1 Global Variable Frequency Drives (VFD) Market Outlook, By Region (2013-2022) (\$MN)
- 2 Global Variable Frequency Drives (VFD) Market Outlook, By Application (2013-2022) (\$MN)
- 3 Global Variable Frequency Drives (VFD) Market Outlook, By Conveyor (2013-2022) (\$MN)
- 4 Global Variable Frequency Drives (VFD) Market Outlook, By Pump (2013-2022) (\$MN)
- 5 Global Variable Frequency Drives (VFD) Market Outlook, By Elevator (2013-2022) (\$MN)
- 6 Global Variable Frequency Drives (VFD) Market Outlook, By Fans (2013-2022) (\$MN)
- 7 Global Variable Frequency Drives (VFD) Market Outlook, By Extruder (2013-2022) (\$MN)
- 8 Global Variable Frequency Drives (VFD) Market Outlook, By Compressor (2013-2022) (\$MN)
- 9 Global Variable Frequency Drives (VFD) Market Outlook, By Other Applications (2013-2022) (\$MN)
- 10 Global Variable Frequency Drives (VFD) Market Outlook, By Drive Type (2013-2022) (\$MN)
- 11 Global Variable Frequency Drives (VFD) Market Outlook, By DC Drive (2013-2022) (\$MN)
- 12 Global Variable Frequency Drives (VFD) Market Outlook, By Servo Drive (2013-2022) (\$MN)
- 13 Global Variable Frequency Drives (VFD) Market Outlook, By AC Drive (2013-2022) (\$MN)
- 14 Global Variable Frequency Drives (VFD) Market Outlook, By Voltage Range (2013-2022) (\$MN)
- 15 Global Variable Frequency Drives (VFD) Market Outlook, By Medium Voltage (>691 V) (2013-2022) (\$MN)
- 16 Global Variable Frequency Drives (VFD) Market Outlook, By Low Voltage (0–690 V) (2013-2022) (\$MN)
- 17 Global Variable Frequency Drives (VFD) Market Outlook, By Component (2013-2022) (\$MN)
- 18 Global Variable Frequency Drives (VFD) Market Outlook, By Controller (2013-2022) (\$MN)

- 19 Global Variable Frequency Drives (VFD) Market Outlook, By Drive Controller (2013-2022) (\$MN)
- 20 Global Variable Frequency Drives (VFD) Market Outlook, By AC Motor (2013-2022) (\$MN)
- 21 Global Variable Frequency Drives (VFD) Market Outlook, By Operator Interface (2013-2022) (\$MN)
- 22 Global Variable Frequency Drives (VFD) Market Outlook, By Power Range (2013-2022) (\$MN)
- 23 Global Variable Frequency Drives (VFD) Market Outlook, By High Power Drives (>200 kW) (2013-2022) (\$MN)
- 24 Global Variable Frequency Drives (VFD) Market Outlook, By Medium Power Drives (41 kW–200 kW) (2013-2022) (\$MN)
- 25 Global Variable Frequency Drives (VFD) Market Outlook, By Low Power Drives (6 kW–40 kW) (2013-2022) (\$MN)
- 26 Global Variable Frequency Drives (VFD) Market Outlook, By Micro Power Drives (0–5 kW) (2013-2022) (\$MN)
- 27 Global Variable Frequency Drives (VFD) Market Outlook, By VFD Type (2013-2022) (\$MN)
- 28 Global Variable Frequency Drives (VFD) Market Outlook, By Cycloconverter or matrix converter (MC) (2013-2022) (\$MN)
- 29 Global Variable Frequency Drives (VFD) Market Outlook, By Voltage-source inverter (VSI) Drive (2013-2022) (\$MN)
- 30 Global Variable Frequency Drives (VFD) Market Outlook, By Variable Torque Drive (2013-2022) (\$MN)
- 31 Global Variable Frequency Drives (VFD) Market Outlook, By Load commutated inverter (LCI) Drive (2013-2022) (\$MN)
- 32 Global Variable Frequency Drives (VFD) Market Outlook, By Current-source inverter (CSI) Drive (2013-2022) (\$MN)
- 33 Global Variable Frequency Drives (VFD) Market Outlook, By Constant Power Drive (2013-2022) (\$MN)
- 34 Global Variable Frequency Drives (VFD) Market Outlook, By Six-step inverter Drive (2013-2022) (\$MN)
- 35 Global Variable Frequency Drives (VFD) Market Outlook, By Doubly fed slip recovery system (2013-2022) (\$MN)
- 36 Global Variable Frequency Drives (VFD) Market Outlook, By Constant Torque Drive (2013-2022) (\$MN)
- 37 Global Variable Frequency Drives (VFD) Market Outlook, By End User (2013-2022) (\$MN)
- 38 Global Variable Frequency Drives (VFD) Market Outlook, By Chemical processing

(2013-2022) (\$MN)

39 Global Variable Frequency Drives (VFD) Market Outlook, By Manufacturing

(2013-2022) (\$MN)

40 Global Variable Frequency Drives (VFD) Market Outlook, By Automotive

(2013-2022) (\$MN)

41 Global Variable Frequency Drives (VFD) Market Outlook, By Oil & Gas (2013-2022)

(\$MN)

42 Global Variable Frequency Drives (VFD) Market Outlook, By Infrastructure

Development (2013-2022) (\$MN)

43 Global Variable Frequency Drives (VFD) Market Outlook, By Pulp & Papers

(2013-2022) (\$MN)

44 Global Variable Frequency Drives (VFD) Market Outlook, By Mining & Metals

(2013-2022) (\$MN)

45 Global Variable Frequency Drives (VFD) Market Outlook, By Power Generation

(2013-2022) (\$MN)

46 Global Variable Frequency Drives (VFD) Market Outlook, By Food Processing

(2013-2022) (\$MN)

47 Global Variable Frequency Drives (VFD) Market Outlook, By Other End Users

(2013-2022) (\$MN)

48 North America Variable Frequency Drives (VFD) Market Outlook, By Country

(2013-2022) (\$MN)

49 North America Variable Frequency Drives (VFD) Market Outlook, By Application

(2013-2022) (\$MN)

50 North America Variable Frequency Drives (VFD) Market Outlook, By Conveyor

(2013-2022) (\$MN)

51 North America Variable Frequency Drives (VFD) Market Outlook, By Pump

(2013-2022) (\$MN)

52 North America Variable Frequency Drives (VFD) Market Outlook, By Elevator

(2013-2022) (\$MN)

53 North America Variable Frequency Drives (VFD) Market Outlook, By Fans

(2013-2022) (\$MN)

54 North America Variable Frequency Drives (VFD) Market Outlook, By Extruder

(2013-2022) (\$MN)

55 North America Variable Frequency Drives (VFD) Market Outlook, By Compressor

(2013-2022) (\$MN)

56 North America Variable Frequency Drives (VFD) Market Outlook, By Other

Applications (2013-2022) (\$MN)

57 North America Variable Frequency Drives (VFD) Market Outlook, By Drive Type

(2013-2022) (\$MN)

- 58 North America Variable Frequency Drives (VFD) Market Outlook, By DC Drive (2013-2022) (\$MN)
- 59 North America Variable Frequency Drives (VFD) Market Outlook, By Servo Drive (2013-2022) (\$MN)
- 60 North America Variable Frequency Drives (VFD) Market Outlook, By AC Drive (2013-2022) (\$MN)
- 61 North America Variable Frequency Drives (VFD) Market Outlook, By Voltage Range (2013-2022) (\$MN)
- 62 North America Variable Frequency Drives (VFD) Market Outlook, By Medium Voltage (>691 V) (2013-2022) (\$MN)
- 63 North America Variable Frequency Drives (VFD) Market Outlook, By Low Voltage (0–690 V) (2013-2022) (\$MN)
- 64 North America Variable Frequency Drives (VFD) Market Outlook, By Component (2013-2022) (\$MN)
- 65 North America Variable Frequency Drives (VFD) Market Outlook, By Controller (2013-2022) (\$MN)
- 66 North America Variable Frequency Drives (VFD) Market Outlook, By Drive Controller (2013-2022) (\$MN)
- 67 North America Variable Frequency Drives (VFD) Market Outlook, By AC Motor (2013-2022) (\$MN)
- 68 North America Variable Frequency Drives (VFD) Market Outlook, By Operator Interface (2013-2022) (\$MN)
- 69 North America Variable Frequency Drives (VFD) Market Outlook, By Power Range (2013-2022) (\$MN)
- 70 North America Variable Frequency Drives (VFD) Market Outlook, By High Power Drives (>200 kW) (2013-2022) (\$MN)
- 71 North America Variable Frequency Drives (VFD) Market Outlook, By Medium Power Drives (41 kW–200 kW) (2013-2022) (\$MN)
- 72 North America Variable Frequency Drives (VFD) Market Outlook, By Low Power Drives (6 kW–40 kW) (2013-2022) (\$MN)
- 73 North America Variable Frequency Drives (VFD) Market Outlook, By Micro Power Drives (0–5 kW) (2013-2022) (\$MN)
- 74 North America Variable Frequency Drives (VFD) Market Outlook, By VFD Type (2013-2022) (\$MN)
- 75 North America Variable Frequency Drives (VFD) Market Outlook, By Cycloconverter or matrix converter (MC) (2013-2022) (\$MN)
- 76 North America Variable Frequency Drives (VFD) Market Outlook, By Voltage-source inverter (VSI) Drive (2013-2022) (\$MN)
- 77 North America Variable Frequency Drives (VFD) Market Outlook, By Variable Torque

Drive (2013-2022) (\$MN)

78 North America Variable Frequency Drives (VFD) Market Outlook, By Load commutated inverter (LCI) Drive (2013-2022) (\$MN)

79 North America Variable Frequency Drives (VFD) Market Outlook, By Current-source inverter (CSI) Drive (2013-2022) (\$MN)

80 North America Variable Frequency Drives (VFD) Market Outlook, By Constant Power Drive (2013-2022) (\$MN)

81 North America Variable Frequency Drives (VFD) Market Outlook, By Six-step inverter Drive (2013-2022) (\$MN)

82 North America Variable Frequency Drives (VFD) Market Outlook, By Doubly fed slip recovery system (2013-2022) (\$MN)

83 North America Variable Frequency Drives (VFD) Market Outlook, By Constant Torque Drive (2013-2022) (\$MN)

84 North America Variable Frequency Drives (VFD) Market Outlook, By End User (2013-2022) (\$MN)

85 North America Variable Frequency Drives (VFD) Market Outlook, By Chemical processing (2013-2022) (\$MN)

86 North America Variable Frequency Drives (VFD) Market Outlook, By Manufacturing (2013-2022) (\$MN)

87 North America Variable Frequency Drives (VFD) Market Outlook, By Automotive (2013-2022) (\$MN)

88 North America Variable Frequency Drives (VFD) Market Outlook, By Oil & Gas (2013-2022) (\$MN)

89 North America Variable Frequency Drives (VFD) Market Outlook, By Infrastructure Development (2013-2022) (\$MN)

90 North America Variable Frequency Drives (VFD) Market Outlook, By Pulp & Papers (2013-2022) (\$MN)

91 North America Variable Frequency Drives (VFD) Market Outlook, By Mining & Metals (2013-2022) (\$MN)

92 North America Variable Frequency Drives (VFD) Market Outlook, By Power Generation (2013-2022) (\$MN)

93 North America Variable Frequency Drives (VFD) Market Outlook, By Food Processing (2013-2022) (\$MN)

94 North America Variable Frequency Drives (VFD) Market Outlook, By Other End Users (2013-2022) (\$MN)

95 Europe Variable Frequency Drives (VFD) Market Outlook, By Country (2013-2022) (\$MN)

96 Europe Variable Frequency Drives (VFD) Market Outlook, By Application (2013-2022) (\$MN)

- 97 Europe Variable Frequency Drives (VFD) Market Outlook, By Conveyor (2013-2022) (\$MN)
- 98 Europe Variable Frequency Drives (VFD) Market Outlook, By Pump (2013-2022) (\$MN)
- 99 Europe Variable Frequency Drives (VFD) Market Outlook, By Elevator (2013-2022) (\$MN)
- 100 Europe Variable Frequency Drives (VFD) Market Outlook, By Fans (2013-2022) (\$MN)
- 101 Europe Variable Frequency Drives (VFD) Market Outlook, By Extruder (2013-2022) (\$MN)
- 102 Europe Variable Frequency Drives (VFD) Market Outlook, By Compressor (2013-2022) (\$MN)
- 103 Europe Variable Frequency Drives (VFD) Market Outlook, By Other Applications (2013-2022) (\$MN)
- 104 Europe Variable Frequency Drives (VFD) Market Outlook, By Drive Type (2013-2022) (\$MN)
- 105 Europe Variable Frequency Drives (VFD) Market Outlook, By DC Drive (2013-2022) (\$MN)
- 106 Europe Variable Frequency Drives (VFD) Market Outlook, By Servo Drive (2013-2022) (\$MN)
- 107 Europe Variable Frequency Drives (VFD) Market Outlook, By AC Drive (2013-2022) (\$MN)
- 108 Europe Variable Frequency Drives (VFD) Market Outlook, By Voltage Range (2013-2022) (\$MN)
- 109 Europe Variable Frequency Drives (VFD) Market Outlook, By Medium Voltage (>691 V) (2013-2022) (\$MN)
- 110 Europe Variable Frequency Drives (VFD) Market Outlook, By Low Voltage (0–690 V) (2013-2022) (\$MN)
- 111 Europe Variable Frequency Drives (VFD) Market Outlook, By Component (2013-2022) (\$MN)
- 112 Europe Variable Frequency Drives (VFD) Market Outlook, By Controller (2013-2022) (\$MN)
- 113 Europe Variable Frequency Drives (VFD) Market Outlook, By Drive Controller (2013-2022) (\$MN)
- 114 Europe Variable Frequency Drives (VFD) Market Outlook, By AC Motor (2013-2022) (\$MN)
- 115 Europe Variable Frequency Drives (VFD) Market Outlook, By Operator Interface (2013-2022) (\$MN)
- 116 Europe Variable Frequency Drives (VFD) Market Outlook, By Power Range

(2013-2022) (\$MN)

117 Europe Variable Frequency Drives (VFD) Market Outlook, By High Power Drives (>200 kW) (2013-2022) (\$MN)

118 Europe Variable Frequency Drives (VFD) Market Outlook, By Medium Power Drives (41 kW–200 kW) (2013-2022) (\$MN)

119 Europe Variable Frequency Drives (VFD) Market Outlook, By Low Power Drives (6 kW–40 kW) (2013-2022) (\$MN)

120 Europe Variable Frequency Drives (VFD) Market Outlook, By Micro Power Drives (0–5 kW) (2013-2022) (\$MN)

121 Europe Variable Frequency Drives (VFD) Market Outlook, By VFD Type (2013-2022) (\$MN)

122 Europe Variable Frequency Drives (VFD) Market Outlook, By Cycloconverter or matrix converter (MC) (2013-2022) (\$MN)

123 Europe Variable Frequency Drives (VFD) Market Outlook, By Voltage-source inverter (VSI) Drive (2013-2022) (\$MN)

124 Europe Variable Frequency Drives (VFD) Market Outlook, By Variable Torque Drive (2013-2022) (\$MN)

125 Europe Variable Frequency Drives (VFD) Market Outlook, By Load commutated inverter (LCI) Drive (2013-2022) (\$MN)

126 Europe Variable Frequency Drives (VFD) Market Outlook, By Current-source inverter (CSI) Drive (2013-2022) (\$MN)

127 Europe Variable Frequency Drives (VFD) Market Outlook, By Constant Power Drive (2013-2022) (\$MN)

128 Europe Variable Frequency Drives (VFD) Market Outlook, By Six-step inverter Drive (2013-2022) (\$MN)

129 Europe Variable Frequency Drives (VFD) Market Outlook, By Doubly fed slip recovery system (2013-2022) (\$MN)

130 Europe Variable Frequency Drives (VFD) Market Outlook, By Constant Torque Drive (2013-2022) (\$MN)

131 Europe Variable Frequency Drives (VFD) Market Outlook, By End User (2013-2022) (\$MN)

132 Europe Variable Frequency Drives (VFD) Market Outlook, By Chemical processing (2013-2022) (\$MN)

133 Europe Variable Frequency Drives (VFD) Market Outlook, By Manufacturing (2013-2022) (\$MN)

134 Europe Variable Frequency Drives (VFD) Market Outlook, By Automotive (2013-2022) (\$MN)

135 Europe Variable Frequency Drives (VFD) Market Outlook, By Oil & Gas (2013-2022) (\$MN)

- 136 Europe Variable Frequency Drives (VFD) Market Outlook, By Infrastructure Development (2013-2022) (\$MN)
- 137 Europe Variable Frequency Drives (VFD) Market Outlook, By Pulp & Papers (2013-2022) (\$MN)
- 138 Europe Variable Frequency Drives (VFD) Market Outlook, By Mining & Metals (2013-2022) (\$MN)
- 139 Europe Variable Frequency Drives (VFD) Market Outlook, By Power Generation (2013-2022) (\$MN)
- 140 Europe Variable Frequency Drives (VFD) Market Outlook, By Food Processing (2013-2022) (\$MN)
- 141 Europe Variable Frequency Drives (VFD) Market Outlook, By Other End Users (2013-2022) (\$MN)
- 142 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Country (2013-2022) (\$MN)
- 143 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Application (2013-2022) (\$MN)
- 144 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Conveyor (2013-2022) (\$MN)
- 145 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Pump (2013-2022) (\$MN)
- 146 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Elevator (2013-2022) (\$MN)
- 147 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Fans (2013-2022) (\$MN)
- 148 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Extruder (2013-2022) (\$MN)
- 149 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Compressor (2013-2022) (\$MN)
- 150 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Other Applications (2013-2022) (\$MN)
- 151 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Drive Type (2013-2022) (\$MN)
- 152 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By DC Drive (2013-2022) (\$MN)
- 153 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Servo Drive (2013-2022) (\$MN)
- 154 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By AC Drive (2013-2022) (\$MN)
- 155 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Voltage Range

(2013-2022) (\$MN)

156 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Medium Voltage (>691 V) (2013-2022) (\$MN)

157 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Low Voltage (0–690 V) (2013-2022) (\$MN)

158 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Component (2013-2022) (\$MN)

159 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Controller (2013-2022) (\$MN)

160 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Drive Controller (2013-2022) (\$MN)

161 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By AC Motor (2013-2022) (\$MN)

162 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Operator Interface (2013-2022) (\$MN)

163 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Power Range (2013-2022) (\$MN)

164 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By High Power Drives (>200 kW) (2013-2022) (\$MN)

165 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Medium Power Drives (41 kW–200 kW) (2013-2022) (\$MN)

166 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Low Power Drives (6 kW–40 kW) (2013-2022) (\$MN)

167 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Micro Power Drives (0–5 kW) (2013-2022) (\$MN)

168 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By VFD Type (2013-2022) (\$MN)

169 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Cycloconverter or matrix converter (MC) (2013-2022) (\$MN)

170 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Voltage-source inverter (VSI) Drive (2013-2022) (\$MN)

171 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Variable Torque Drive (2013-2022) (\$MN)

172 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Load commutated inverter (LCI) Drive (2013-2022) (\$MN)

173 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Current-source inverter (CSI) Drive (2013-2022) (\$MN)

174 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Constant Power Drive (2013-2022) (\$MN)

- 175 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Six-step inverter Drive (2013-2022) (\$MN)
- 176 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Doubly fed slip recovery system (2013-2022) (\$MN)
- 177 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Constant Torque Drive (2013-2022) (\$MN)
- 178 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By End User (2013-2022) (\$MN)
- 179 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Chemical processing (2013-2022) (\$MN)
- 180 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Manufacturing (2013-2022) (\$MN)
- 181 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Automotive (2013-2022) (\$MN)
- 182 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Oil & Gas (2013-2022) (\$MN)
- 183 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Infrastructure Development (2013-2022) (\$MN)
- 184 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Pulp & Papers (2013-2022) (\$MN)
- 185 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Mining & Metals (2013-2022) (\$MN)
- 186 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Power Generation (2013-2022) (\$MN)
- 187 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Food Processing (2013-2022) (\$MN)
- 188 Asia Pacific Variable Frequency Drives (VFD) Market Outlook, By Other End Users (2013-2022) (\$MN)
- 189 RoW Variable Frequency Drives (VFD) Market Outlook, By Country (2013-2022) (\$MN)
- 190 RoW Variable Frequency Drives (VFD) Market Outlook, By Application (2013-2022) (\$MN)
- 191 RoW Variable Frequency Drives (VFD) Market Outlook, By Conveyor (2013-2022) (\$MN)
- 192 RoW Variable Frequency Drives (VFD) Market Outlook, By Pump (2013-2022) (\$MN)
- 193 RoW Variable Frequency Drives (VFD) Market Outlook, By Elevator (2013-2022) (\$MN)
- 194 RoW Variable Frequency Drives (VFD) Market Outlook, By Fans (2013-2022)

(\$MN)

195 RoW Variable Frequency Drives (VFD) Market Outlook, By Extruder (2013-2022)

(\$MN)

196 RoW Variable Frequency Drives (VFD) Market Outlook, By Compressor

(2013-2022) (\$MN)

197 RoW Variable Frequency Drives (VFD) Market Outlook, By Other Applications

(2013-2022) (\$MN)

198 RoW Variable Frequency Drives (VFD) Market Outlook, By Drive Type (2013-2022)

(\$MN)

199 RoW Variable Frequency Drives (VFD) Market Outlook, By DC Drive (2013-2022)

(\$MN)

200 RoW Variable Frequency Drives (VFD) Market Outlook, By Servo Drive

(2013-2022) (\$MN)

201 RoW Variable Frequency Drives (VFD) Market Outlook, By AC Drive (2013-2022)

(\$MN)

202 RoW Variable Frequency Drives (VFD) Market Outlook, By Voltage Range

(2013-2022) (\$MN)

203 RoW Variable Frequency Drives (VFD) Market Outlook, By Medium Voltage (>691

V) (2013-2022) (\$MN)

204 RoW Variable Frequency Drives (VFD) Market Outlook, By Low Voltage (0–690 V)

(2013-2022) (\$MN)

205 RoW Variable Frequency Drives (VFD) Market Outlook, By Component

(2013-2022) (\$MN)

206 RoW Variable Frequency Drives (VFD) Market Outlook, By Controller (2013-2022)

(\$MN)

207 RoW Variable Frequency Drives (VFD) Market Outlook, By Drive Controller

(2013-2022) (\$MN)

208 RoW Variable Frequency Drives (VFD) Market Outlook, By AC Motor (2013-2022)

(\$MN)

209 RoW Variable Frequency Drives (VFD) Market Outlook, By Operator Interface

(2013-2022) (\$MN)

210 RoW Variable Frequency Drives (VFD) Market Outlook, By Power Range

(2013-2022) (\$MN)

211 RoW Variable Frequency Drives (VFD) Market Outlook, By High Power Drives

(>200 kW) (2013-2022) (\$MN)

212 RoW Variable Frequency Drives (VFD) Market Outlook, By Medium Power Drives

(41 kW–200 kW) (2013-2022) (\$MN)

213 RoW Variable Frequency Drives (VFD) Market Outlook, By Low Power Drives (6

kW–40 kW) (2013-2022) (\$MN)

- 214 RoW Variable Frequency Drives (VFD) Market Outlook, By Micro Power Drives (0–5 kW) (2013-2022) (\$MN)
- 215 RoW Variable Frequency Drives (VFD) Market Outlook, By VFD Type (2013-2022) (\$MN)
- 216 RoW Variable Frequency Drives (VFD) Market Outlook, By Cycloconverter or matrix converter (MC) (2013-2022) (\$MN)
- 217 RoW Variable Frequency Drives (VFD) Market Outlook, By Voltage-source inverter (VSI) Drive (2013-2022) (\$MN)
- 218 RoW Variable Frequency Drives (VFD) Market Outlook, By Variable Torque Drive (2013-2022) (\$MN)
- 219 RoW Variable Frequency Drives (VFD) Market Outlook, By Load commutated inverter (LCI) Drive (2013-2022) (\$MN)
- 220 RoW Variable Frequency Drives (VFD) Market Outlook, By Current-source inverter (CSI) Drive (2013-2022) (\$MN)
- 221 RoW Variable Frequency Drives (VFD) Market Outlook, By Constant Power Drive (2013-2022) (\$MN)
- 222 RoW Variable Frequency Drives (VFD) Market Outlook, By Six-step inverter Drive (2013-2022) (\$MN)
- 223 RoW Variable Frequency Drives (VFD) Market Outlook, By Doubly fed slip recovery system (2013-2022) (\$MN)
- 224 RoW Variable Frequency Drives (VFD) Market Outlook, By Constant Torque Drive (2013-2022) (\$MN)
- 225 RoW Variable Frequency Drives (VFD) Market Outlook, By End User (2013-2022) (\$MN)
- 226 RoW Variable Frequency Drives (VFD) Market Outlook, By Chemical processing (2013-2022) (\$MN)
- 227 RoW Variable Frequency Drives (VFD) Market Outlook, By Manufacturing (2013-2022) (\$MN)
- 228 RoW Variable Frequency Drives (VFD) Market Outlook, By Automotive (2013-2022) (\$MN)
- 229 RoW Variable Frequency Drives (VFD) Market Outlook, By Oil & Gas (2013-2022) (\$MN)
- 230 RoW Variable Frequency Drives (VFD) Market Outlook, By Infrastructure Development (2013-2022) (\$MN)
- 231 RoW Variable Frequency Drives (VFD) Market Outlook, By Pulp & Papers (2013-2022) (\$MN)
- 232 RoW Variable Frequency Drives (VFD) Market Outlook, By Mining & Metals (2013-2022) (\$MN)
- 233 RoW Variable Frequency Drives (VFD) Market Outlook, By Power Generation

(2013-2022) (\$MN)

234 RoW Variable Frequency Drives (VFD) Market Outlook, By Food Processing

(2013-2022) (\$MN)

235 RoW Variable Frequency Drives (VFD) Market Outlook, By Other End Users

(2013-2022) (\$MN)

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