

# **Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031**

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## **Abstracts**

According to our (Global Info Research) latest study, the global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) is a frequency converter device used in shield machines. It adjusts the speed of the motor by changing the frequency of the power supply to the motor stator winding, thereby achieving precise control of the working state of the shield machine. This variable frequency speed regulation technology is one of the important technologies in the field of modern power transmission and automation control.

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

year 2025, are provided.

#### Key Features:

Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

#### The Primary Objectives in This Report Are:

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

To assess the growth potential for Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM)

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, Siemens, Schneider, Danfoss, Mitsubishi Electric, Eaton, Wuhan Gangdi Technology, Shenzhen Inovance Technology, Shenzhen Hopewind Electric, China TX IIOT, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

#### Market Segmentation

*Global Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) Market 2025 by Manufacturers, Regions,...*

Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Single Drive

Multi-Drive

#### Market segment by Application

Cutterhead System

Belt System

Mud Pump System

Others

#### Major players covered

ABB

Siemens

Schneider

Danfoss

Mitsubishi Electric

Eaton

Wuhan Gangdi Technology

Shenzhen Inovance Technology

Shenzhen Hopewind Electric

China TX IIOT

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM), with price, sales quantity, revenue, and global market share of Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) from 2020 to 2025.

Chapter 3, the Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales

quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM).

Chapter 14 and 15, to describe Variable Frequency Drive (VFD) for Tunnel Boring Machines (TBM) sales channel, distributors, customers, research findings and conclusion.

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