

Global Tunnel Boring Machine Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Tunnel Boring Machine market size was valued at USD 5062.4 million in 2023 and is forecast to a readjusted size of USD 4482.7 million by 2030 with a CAGR of -1.7% during review period.

A tunnel boring machine (TBM) is a machine used to excavate tunnels with a circular cross section through a variety of soil and rock strata. They may also be used for micro tunneling. In Japan and China, The machines used for soil are called shield tunneling machines and machines used for hard rock are called tunnel boring machine. But in Europe and USA, they are called the same name tunnel boring machine. The research we did include all of them.

The major players in global Tunnel Boring Machine market include Herrenknecht, CRGIC, CRCHI, etc. The top 3 players occupy about 40% shares of the global market. China and Europe are main markets, they occupy about 80% of the global market. Soft Ground TBMs is the main type, with a share about 70%. City Rail System is the main application, which holds a share about 55%.

The Global Info Research report includes an overview of the development of the Tunnel Boring Machine industry chain, the market status of Railway and Highway (Soft Ground TBMs, Hard Rock TBMs), Municipal Engineering (Soft Ground TBMs, Hard Rock TBMs), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Tunnel Boring Machine.

Regionally, the report analyzes the Tunnel Boring Machine markets in key regions.

North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Tunnel Boring Machine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Tunnel Boring Machine market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Tunnel Boring Machine industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Soft Ground TBMs, Hard Rock TBMs).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Tunnel Boring Machine market.

Regional Analysis: The report involves examining the Tunnel Boring Machine market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Tunnel Boring Machine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Tunnel Boring Machine:

Company Analysis: Report covers individual Tunnel Boring Machine manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Tunnel Boring Machine. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Railway and Highway, Municipal Engineering).

Technology Analysis: Report covers specific technologies relevant to Tunnel Boring Machine. It assesses the current state, advancements, and potential future developments in Tunnel Boring Machine areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Tunnel Boring Machine market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Tunnel Boring Machine market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Soft Ground TBMs

Hard Rock TBMs

Market segment by Application

Railway and Highway

Municipal Engineering

City ??Rail System

Others

Major players covered

Herrenknecht

CRGIC

CRCHI

Tianhe Mechanical Equipment

Liaoning Censcience Industry Co., Ltd

Komatsu

NHI Group

Kawasaki

Terratec

Hitachi Zosen

Shanghai Tunnel Engineering Co., Ltd

Xugong Kaigong

JIMT

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 Tunnel Boring Machine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tunnel Boring Machine, with price, sales, revenue and global market share of Tunnel Boring Machine from 2019 to 2024.

Chapter 3, the Tunnel Boring Machine competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tunnel Boring Machine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Tunnel Boring Machine market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Tunnel Boring Machine.

Chapter 14 and 15, to describe Tunnel Boring Machine sales channel, distributors, customers, research findings and conclusion.

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