

Global Tunnel Boring Machine (TBM) Market Forecast and Analysis 2016-2021

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Abstracts

This report provides detailed analysis of worldwide markets for Tunnel Boring Machine (TBM) from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Tunnel Boring Machine (TBM) market and further lays out an analysis of the factors influencing the supply/demand for Tunnel Boring Machine (TBM), and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

A tunnel boring machine (TBM) also known as a 'mole', is a machine used to excavate tunnels with a circular cross section through a variety of soil and rock strata. They can bore through anything from hard rock to sand. Tunnel diameters can range from a metre (done with micro-TBMs) to 19.25 m to date. Tunnels of less than a metre or so in diameter are typically done using trenchless construction methods or horizontal directional drilling rather than TBMs. Tunnel boring machines are used as an alternative to drilling and blasting (D&B) methods in rock and conventional 'hand mining' in soil. TBMs have the advantages of limiting the disturbance to the surrounding ground and producing a smooth tunnel wall. This significantly reduces the cost of lining the tunnel, and makes them suitable to use in heavily urbanized areas. The major disadvantage is the upfront cost. TBMs are expensive to construct, and can be difficult to transport. However, as modern tunnels become longer, the cost of tunnel boring machines versus drill and blast is actually less-this is because tunneling with TBMs is much more efficient and results in a shorter project.

GCC's report, Global Tunnel Boring Machine (TBM) Market Forecast and Analysis 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of

information about the global Tunnel Boring Machine (TBM) market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Tunnel Boring Machine (TBM) market are Herrenknecht, Robbins, Mitsubishi, Kawasaki, Hitachi Zosen Corporation, Ishikawajima-Harima, STEC, CREC, NHI.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Tunnel Boring Machine (TBM) industry has been provided.

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ABBREVIATIONS

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