

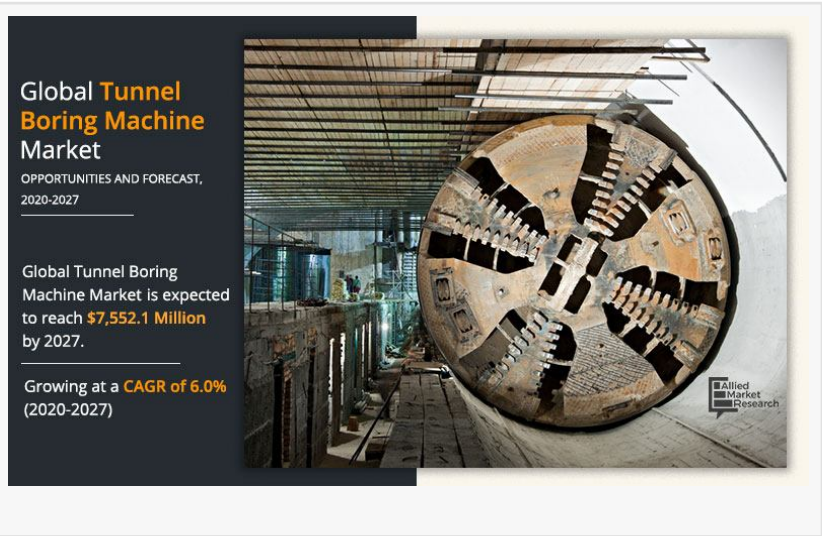
# Building Tomorrow: Tunnel Boring Machine Market Unveiling the Dynamics at a CAGR of 6.0% from 2020 to 2027.

Rise in focus towards micro-tunneling expected to drives the growth of the tunnel boring machine.

WILMINGTON, DELAWARE, UNITED STATES, April 25, 2024

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Rise in traffic infrastructure projects, growing focus toward micro-tunneling, and surge in its adoption in mining industry fuel the growth of the global



[tunnel boring machine market](#). On the other hand, high cost for investments, lack of flexibility, and fluctuation in raw material prices restrain the growth to some extent. However, advancements in technology via automation and rock cutting technology are anticipated to pave the way for lucrative opportunities in the industry.

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the metro & transit segment is expected to be the most influencing segment growing in the global tunnel boring machine market report.”

*alliedmarketresearch*

According to a new report published by Allied Market Research, titled, the global tunnel boring machine industry was estimated at \$5.47 billion in 2019 and is anticipated to hit \$7.55 billion by 2027, registering a CAGR of 6.0% from 2020 to 2027.

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Overview of The Market -

A tunnel boring machine is also known as mole machine. It is used to excavate tunnels through

hard rock, and soil. It is available in different diameter sizes of 40 inches to 60 feet. It consists of a cutter head, hydraulic braking system, and conveyor. The cutter head rotates 360°. against the tunnel surface under the huge pressure, the cutter head removes muds, and rocks from the surface of the tunnel.

An increase in government investment for infrastructural development is projected to fuel the growth of the market. However, high installment costs and lack of flexibility are expected to hinder the growth of the market. Technological advancements in rock cutting technology are anticipated to provide lucrative opportunities in the coming period. The increase in adoption of tunnel boring machines in the mining industry is projected to boost the growth of the tunnel boring machine market.

Market Outlook -

An increase in spending on railway infrastructure and road infrastructure development in developing countries such as India, China, and others, are expected to drive the growth of the global tunnel boring machine market. For instance, in May 2020, Shanghai invested around \$38 billion on a new infrastructure project for next 3 years from 2020 to 2022. Moreover, a rise in adoption of tunnel boring machines in the mining industry, is expected to provide lucrative opportunities for the growth of the global tunnel boring machine market.

During the pandemic situation, various manufacturers in the global tunnel boring machine market stopped their business production due to lockdown implemented in different developed and developing countries. This break directly impacted the sales of tunnel boring machine companies. Also, lack of manpower, and raw materials, which in turn, halted supply chain of the tunnel boring machine market. However, the introduction of vaccines for coronavirus, and the reopening of production facilities are projected to lead to the re-opening of the tunnel boring machine market.

Market Outlook -

Market Outlook -

By Machine Type -

Slurry TBM

Earth Pressure Balance Shield TBM

Shielded TBM

Multi-Mode TBM



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