



Tunnel Drilling

Tunnel Boring Machine (TBM) have revolutionized the approach to tunnel construction providing a precise and efficient mechanized solution.

Tunneling Equipment Stopers, benchers and jacklegs; mini excavator mounted drill attachments, up drills and HOR drills all have a specific purpose in tunnel ...

A tunnel-boring machine (TBM) is a machine that can dig full-face tunnels underground; this means it is done in a single mechanical operation by drilling. ...

An underwater tunnel that passes beneath New York City's East River sprung a shock leak on Wednesday after a city contractor mistakenly ...

Drill jumbos: Precision drilling in hard rock Drill jumbos are specialists in accuracy. Equipped with multiple booms, they drill precise patterns into hard rock, often for explosives or ...

A tunnel boring machine or TBM is used to automate the tunneling process. Thanks to underground space technology like TBMs, tunneling costs ...

Tunnel Drilling DA Smith's tunnel drilling services include coring and rotary drilling at any angle inside tunnels and the installation of geotechnical ...

The tunnel boring machine Bertha, stretching 90 meters long and 17.5 meters wide, was a giant of modern engineering. Designed to dig a 3.2 ...

Tunnel is the pathway constructed underground or across the hills for the purpose of transportation or irrigation. The construction of tunnels depends upon the factors like ground ...

Construction Once a tunnel boring machine has reached its operating depth of two tunnel diameters, tunneling causes less noise and vibration at the surface ...

Water from the East River flowed into the Queens Midtown Tunnel on Wednesday afternoon after a drilling contractor accidentally punched a ...

The continuous development of equipment, particularly for drilling, and the development and improvement of explosives helped drill and blast to achieve a considerable ...

Replace or repair underground pipelines and utilities with The Crossing Group -- North America's leaders in



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Horizontal Directional Drilling, Tunneling and ...

Tunnel boring machines enable safe, efficient, precision boring of underground tunnels through a vast range of geological conditions. This guide provided an overview of how ...

Tunnel Boring Machines (TBMs) are a cornerstone of modern engineering, enabling the construction of underground pathways with precision and efficiency. As

Explore drilling techniques for tunnels and bridge support systems, ensuring stability, safety, and durability for infrastructure projects.

NEW YORK (AP) -- An underwater tunnel that passes beneath New York City's East River was punctured when a construction contractor ...

Commuters looking to drive into Manhattan should avoid the Queens-Midtown Tunnel at all costs, as a drilling mistake Wednesday led to water leaking into the tunnel and closing down both tubes for ...

Our tunneling equipment is designed for high precision, enabling the rapid and accurate drilling of perfectly aligned holes. This is essential for fore poling operations in tunnel works, ensuring ...

Civil engineering nowadays plays an essential role in building our infrastructure and the environment. Drilling and tunneling techniques are ...

Our staff is experienced in designing and managing construction for tunnels that involve a wide range of excavation techniques, including drill and blast, ...

Powerful tunnel boring machines excavate, remove materials, and install walls. The world's largest measures 17.63 m. Here are the five biggest ...

The Queens-Midtown Tunnel was temporarily closed on Wednesday after a private contractor accidentally drilled a hole into the roof of ...

In general, the longer the tunnel, the lower the cost of using a tunnel boring machine compared to conventional drilling and blasting methods. The reason: tunneling with special drilling ...

TBMs are very advanced equipment used as an alternative to drilling and blasting through rock and "conventional mechanical excavation" in soft ground. Sika provides a wide range of ...

Almost always there with them: Herrenknecht experts and tunnel boring machines. With our tunnelling technology and our expertise from thousands of completed projects, we support ...



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The contractors who mistakenly drilled a hole in the Queens-Midtown tunnel, causing water to pour on drivers, said their barge on the East River drifted 50 feet from where they planned to drill ...

What can we do for you? Our tunneling heritage goes back more than 130 years. We use that experience to select exactly the right design and construction technologies for your project. ...

A Tunnel Boring Machine (TBM) is a complex system used to excavate tunnels with a circular cross-section through various types of geology. TBMs can bore ...

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