

Tunnel Boring Machine

The tunnel boring machine is advanced equipment for underground tunnel construction. It improves construction feasibility by minimizing ground disturbance.



Overview

Advanced Tunnel Excavation Technology

This shield construction machine represents a sophisticated solution for underground infrastructure development. It enables efficient tunneling without disturbing ground conditions, making it ideal for protecting historic buildings and sensitive urban environments. The equipment is engineered for diverse applications including subways, highways, river crossings, and hydropower projects.

Performance

Peak Tunneling Performance

26 meters/day

Best Tunneling Record

Applications

Suitable Infrastructure Projects

Subway Systems, Railway Tunnels, Highway Tunnels, River/Sea Crossings, Hydropower Engineering

Technical Features

Key Operational Advantages

- Minimal ground disturbance
- High precision excavation
- Complex engineering design
- Advanced safety control systems