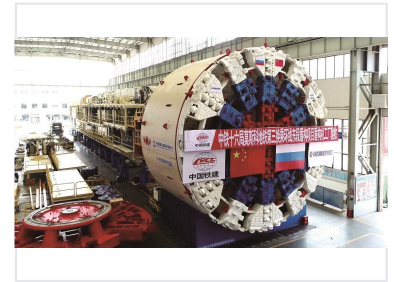


Tunnel Boring Machine

Tunnel boring machines bore through soft soils, gravel, and rock. They are used for constructing utility, rail, highway, and metro system tunnels.



ADDITIONAL IMAGES



Overview

Earth Pressure Balance Tunnel Boring Machine

This Earth Pressure Balance (EPB) Tunnel Boring Machine is engineered for safe and efficient excavation across diverse geological conditions, including soft soils, gravel, cobble, and weathered rock. By utilizing excavated material as a support medium within the excavation chamber, the machine effectively balances pressure to prevent ground settlement. It is an ideal solution for urban infrastructure projects such as metropolitan metro systems, utility tunnels, and rail networks.

Technical Capabilities



A large-diameter TBM designed for complex underground infrastructure projects.

Suitable Ground Conditions

Clay • Sandy Soil • Composite Ground • Weathered Rock • Hard Rock

Diameter Range

Small (3-5m), Normal (5-8m), Large (>8m)

