

# Super Large Diameter Tunnel Boring Machine

This is a super large diameter tunnel boring machine. It employs an earth pressure balance system for constructing underwater high-speed railway tunnels.



## Product Overview

### World-Class Underwater Tunneling Solution

This super large diameter Tunnel Boring Machine (TBM) is engineered for the most demanding underwater high-speed railway tunnel projects. Featuring a massive 14.57-meter diameter, it represents a significant milestone in heavy machinery engineering for subsea infrastructure. Designed for high-pressure environments, this earth pressure balance TBM ensures stability and precision during the construction of the world's longest and largest diameter underwater rail tunnels.

## Key Performance Metrics

### Core Specifications

**14.57 m**

Boring Diameter

**1 st**

Global Rank (Diameter/Length)

## Technical Specifications

TBM Type	Earth Pressure Balance / Slurry Balance (å4sa )
Cutterhead Diameter	14.57 m

## Application Details

### Primary Application

Underwater High-Speed Railway • Subsea Tunneling • Large-Scale Infrastructure

### Project Capabilities

- Super-large diameter excavation
- High-pressure underwater operation
- Long-distance continuous boring
- Precision earth pressure management

## Project Milestones

Rollout Date	January 10, 2024
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