

High-Speed Electric Multiple Unit Trainset

This electric multiple unit (EMU) trainset is designed for high-speed rail lines, reaching speeds up to 200 km/h. It incorporates regenerative braking, automatic train protection, and advanced suspension for enhanced safety and ride quality.



Overview

High-Speed EMU Trainset

The CRH5 series high-speed train is a sophisticated electric multiple unit (EMU) engineered specifically for passenger transport on high-speed rail networks. Featuring a streamlined aerodynamic design, these trainsets minimize air resistance to optimize energy efficiency during operation. Equipped with advanced safety systems and comfortable passenger amenities, this platform is designed to deliver reliable performance at speeds up to 250 km/h.

Performance Metrics

Operating Speed

200 km/h

Rated Operating Speed

250 km/h

Max Design Speed

Technical Specifications

Design Features

- Streamlined aerodynamic profile
- High-capacity multi-carriage configuration
- Enhanced passenger ride quality

Train Type

Electric Multiple Unit (EMU)

Key Technologies

Regenerative Braking, Automatic Train Protection (ATP), Advanced Suspension