

Our National High Speed Train Takes To The Tracks

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A New Era in Railway Technologies.

Türkiye is passing another critical milestone in high-speed train technologies. The first production of the National Electric High-Speed Train Set, capable of reaching speeds of 225 km/h, has been completed and the testing process has begun.

This development is considered a strategic turning point in terms of Türkiye's goal to increase its domestic production capacity within the high-speed train ecosystem.

Testing Phase Begins

The first completed train set will be taken to the tracks on 6 March 2026 and will undergo a comprehensive testing programme.

During the testing phase, several key aspects will be evaluated including maximum speed performance, braking systems, operational safety, track compatibility and overall operational durability.

Once the tests are successfully completed, the train set will be introduced into operational service.

Domestic Production Share in High-Speed Train Fleet is Increasing

Currently, 31 high speed train sets are operating on Türkiye's high speed railway lines. As part of the domestic production programme, 14 additional train sets will be produced between 2026 and 2028. Once these trains are completed, a significant portion of the high speed train fleet will consist of domestically produced units.

This development is also expected to strengthen Türkiye's railway industry through technology transfer, the development of the local supply chain and the growth of engineering capabilities.

Technical Specifications

The National Electric High Speed Train has been designed in accordance with modern railway standards.

Key technical features:

A maximum operating speed of 225 km per hour,

An eight car train configuration,

A passenger capacity of 577,

An aluminium body structure,

An advanced train control and monitoring system,

An automatic train stopping system,

Fully automatic climate control,

Fire detection systems,

Visual and audio passenger information systems.

Accessibility and Passenger Comfort

The new train sets have been designed not only for speed but also with a strong focus on passenger comfort and accessibility.

The train includes Wi Fi access, food and beverage vending machines, a kitchen area, two designated spaces for passengers with disabilities and a platform lift to ensure wheelchair access.