

# Izmir Urban Light Rail Vehicle

This light rail vehicle serves urban transportation needs. The vehicle features a sleek design with a white and dark gray color scheme, accented by red stripes.



## Overview

### Urban Transit Innovation

The Izmir Urban Light Rail Vehicle represents a milestone in high-capacity urban transit, specifically engineered to navigate complex European rail environments. Designed with a flexible modular carbody configuration, it efficiently adapts to varying passenger flow volumes. The vehicle prioritizes safety through an energy-absorbing crashworthy design, advanced dual-braking systems, and a comprehensive suite of passenger service and monitoring technologies.

## Performance

### Maximum Operating Speed

**80 km/h**

Max Operating Speed

### Passenger Capacity

1000 persons

## Technical Specifications

### Minimum Turning Radius

30 m

### Carbody Construction

Aluminum alloy hinged carbody

## Safety and Systems

### Onboard Amenities

- Automatic station announcement
- Electronic map
- Media playing system
- Specialized intercity rearview mirrors

### Safety Systems

Energy-absorbing crashworthy design, Double efficient track+wheel disk braking, Hinged bogie system, Video monitoring, Fire detection, Emergency evacuation