

# Double-Deck Diesel Multiple Unit Train

The double-deck diesel multiple unit train is an ideal vehicle for medium and short-distance rail transport. It can be configured with semi-cushioned seats, cushioned seats, semi-cushioned berths, or cushioned berths.



## Overview

### High-Capacity Regional Transit Solution

This Double-Deck Diesel Multiple Unit (DMU) train is engineered for efficient medium and short-distance passenger transport. Featuring a high-capacity configuration with two seating levels, it maximizes passenger throughput while maintaining operational performance. Designed for durability and comfort, the train operates effectively across diverse environmental conditions.

## Operational Performance

Maximum Running Speed	120 km/h
Starting Acceleration	0.23 m/s <sup>2</sup>
Emergency Braking Distance	800 m
Starting Tractive Effort	85 kN

## Technical Specifications

### Axle Load

Car Type	Max Load
M Car	<18t
T Car	<17t

Formation	2M+2T
Total Traction Power	864 kW
Overall Length	105 m
Seating Capacity	540

## Environmental & Compatibility

### Noise Levels (at 80km/h)

**75 dB(A)**

Driver's Cab

**68 dB(A)**

Passenger Saloon

Ambient Temperature Range	-20 to +40
Relative Humidity	d95%
Platform Height	300-1100mm