

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 ²
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