

Diesel-Electric Shunting Locomotive

This AC-DC diesel-electric shunting locomotive is specifically designed for national railway operations. It delivers high tractive effort at low speeds, making it suitable for shunting and light mainline duties.



Overview

Diesel-Electric Shunting Locomotive

This diesel-electric shunting locomotive is engineered for efficient shunting and transfer operations in challenging environments. It features a robust 6240ZJB diesel engine and advanced micro-computer control systems to ensure reliable performance. Designed to operate across a wide range of temperatures and altitudes, it offers a service power of 990kW and is built to handle heavy freight demands.

Performance Metrics

Service Power

990 kW

Service Power

1350 HP

Service Power

Maximum Speed

80 km/h

Technical Specifications

Engine & Drive System

- Engine: 6240ZJB
- Main Generator: TFQR-3000
- Traction Motors: ZQDR-410
- Axle Arrangement: Co-Co

Weights and Capacities

Parameter	Value
Service Weight	132 ± 3.96 t
Axle Load	22 ± 0.44 t
Fuel Capacity	6200 L
Oil Capacity	1000 kg
Water Capacity	1000 kg

Operating Environment

Track Compatibility

- Gauge: 1520mm
- Min. Curve Radius: 80m
- Clearance: 1T TOCT9238-83

Operating Conditions

Temp: -40 to +50°C, Altitude: 30-1600m, Humidity: 20-100%