

Diesel-Electric Shunting Locomotive

This diesel-electric locomotive is designed for shunting applications. It is equipped with a 2,200kW diesel engine, synchronous main generator, and traction motor.



Overview

Diesel-Electric Shunting Locomotive

This robust diesel-electric locomotive is specifically engineered for high-performance shunting and heavy-duty rail transit operations. Designed to withstand diverse environmental conditions ranging from -30°C to 40°C, it ensures reliable traction and consistent power delivery. With a calculated service weight of 138 tonnes and a powerful 2000 kW diesel engine, it is built to handle the most demanding freight and industrial shunting requirements.

Performance Metrics

Key Performance Metrics

2000 kW

Service Power

442 kN

Max Starting Tractive Effort

100 km/h

Max Running Speed

Technical Specifications

Locomotive Specifications

Parameter	Value
Gauge	1520 mm
Axle Arrangement	Co-Co
Wheel Diameter	1050 mm
Axle Load	23+0.69 t
Service Weight	138+4.14 t

Overall Dimensions

- Length: 20050 mm
- Width: 3300 mm
- Height: 4750 mm

Operational Environment

Operating Conditions

Temp -30 to 40C, Altitude 350-450m, Humidity 75%