Battery-Powered Mining Locomotive

This battery-powered locomotive is designed for use in mining and tunneling applications. It provides a reliable and efficient means of transporting materials and personnel in confined spaces.

Overview

The robust chassis and electric drive system provide a clean, efficient alternative to diesel power for underground operations.

High-Efficiency Mining Traction

This DC-AC driving, narrow-rail battery-powered locomotive is engineered for heavy-duty transportation in demanding environments such as coal mines, metallurgical sites, and forest railways. It provides a clean and efficient alternative to diesel power, making it ideal for underground tunnel construction where air quality is a priority. Designed with a robust chassis and advanced electric motor drive, it ensures reliable hauling of materials and personnel.

Key Features

Main Features

- DC-AC driving system
- Narrow rail compatibility
- Battery powered for zero-emission operation
- Robust steel frame and chassis
- Equipped with emergency brakes and headlights
- Integrated audible warning devices

Applications

Industry Applications	Coal Mining, Metallurgy, Forestry, Railway Construction, Road Tunneling

Technical Specifications

Model Specifications Table

Model	Weight (ton)	Track Spread (mm)	Axis Spread (mm)	Wheel Dia (mm)
CAY14/6	14	600	2000	680
CAY14(18)/7	14(18)	762	2000	680
CAY14(18)/9	14(18)	900	2000	680
CAY25/7	25	762	2600	760
CAY25/9	25	900	2600	760
CAY30(35)/7/9P	30(35)	762/900	2600	840
CAY40/9	40	900	2800	840
CAY45/9	45	900	2800	840

Performance Metrics

Maximum Operating Weight

45 ton
Max Weight

Drive System

DC-AC Driving • Electric Motor