

C24-Mmi Diesel-Electric Locomotives – 4 Available



Four GE C24-Mmi diesel-electric locomotives are available. Each locomotive has a Co-Co configuration, with two three-axle bogies and six powered driving axles, and is powered by a GE 7FDL 12 MFI 45° V12 four-stroke diesel engine rated at 2,650 hp. The engine is turbocharged and aftercooled.

Electrical equipment includes a GE 5GTA24 Series brushless, three-phase AC alternator with a forced-air-cooled silicon rectifier bank. Traction equipment comprises GE 761 series four-pole direct-current, series-wound motors with Class H insulation, axle-hung/nose-suspended mounting, and a 93:19 gear ratio.

Operating weight is 108 tonnes $\pm 3\%$, with an axle load of 16–18 metric tonnes per axle. Maximum speed is 100 km/h. Maximum tractive effort is approximately 328.5 kN, with maximum dynamic braking effort of approximately 207.9 kN. The locomotives have a 64-volt, 440 Ah lead-acid battery system at the 8-hour rate.

Inspection is available by arrangement. Equipment is sold as-is.

SPECIFICATIONS	
Specification	Details
General & Dimensions	
Builder / Manufacturer	GE
Model	C24-Mmi

SPECIFICATIONS

General & Dimensions

Year Manufactured	2007
Wheel Configuration / Axle Arrangement	Co-Co configuration; two bogies with three powered driving axles per bogie
Machine Type	Diesel-Electric Locomotive
Condition	Sold As-Is (Requires Inspection)
Quantity Available	4
Track Gauge	1050 mm
Operating / Service Weight	108 tonnes ($\pm 3\%$)
Axle Load	16–18 metric tonnes per axle
Number of Axles	6
Length	17,112 mm
Coupled Length	18,077 mm
Width	2,743 mm
Height	3,968 mm

Powerplant & Performance

Engine	GE 7FDL 12 MFI
Power	2650hp
Continuous Tractive Effort	Maximum tractive effort approximately 328.5 kN; maximum dynamic braking effort approximately 207.9 kN
Maximum Speed	100 km/h

Running Gear

Bogie Type	3-axle C-Series frame
Bogie Centres	10,254 mm



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SPECIFICATIONS

Electrical & Mechanical Systems

Alternator	GE 5GTA24 Series; brushless, 3-phase AC; forced-air cooled silicon rectifier bank
Traction Motors	GE 761 series; 4-pole direct-current, series-wound motors with Class H insulation; axle-hung/nose-suspended
Gear Ratio	93:19 (approximately 4.89:1 reduction)

Additional Details

Features	45° V12, four-stroke diesel engine, turbocharged and aftercooled 64-volt, 440 Ah lead-acid battery system at the 8-hour rate
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Location

Inspection Available	Equipment inspection is available by arrangement
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