

DC Class G12A Diesel-Electric Locomotives



Two DC Class G12A diesel-electric locomotive units available.

Originally built by GM Canada and later rebuilt by Clyde Engineering in Australia, these locomotives are proven heavy-duty units suitable for freight, shunting, works train, infrastructure and maintenance applications.

Powered by a GM 12-645 diesel engine, the locomotives are rated at approximately 1,118–1,230 kW and use an A1A-A1A wheel configuration with four powered axles.

With a locomotive weight of approximately 82 tonnes, continuous tractive effort of 140 kN and a maximum speed of 100 km/h, these units provide a robust platform for a wide range of rail operations.

Applications

These locomotives may be suitable for:

- Freight and works train operations
- Shunting duties
- Rail construction projects
- Infrastructure and maintenance operations
- Industrial rail applications
- Contractor and private rail operations

SPECIFICATIONS	
Specification	Details
General & Dimensions	
Class	DC
Builder / Manufacturer	Builder: GM Canada and Rebuilt By: Clyde Engineering
Model	G12A
Wheel Configuration / Axle Arrangement	A1A-A1A
Original Build Period	1961–1967
Rebuilt By	Clyde Engineering, Australia
Rebuild Period	1978–1981
Condition	Used – Good Condition
Quantity Available	2
Track Gauge	1067 mm
Operating / Service Weight	82 tonnes
Length	14.10 metres
Powerplant & Performance	
Engine	GM 12-645
Power	1,118–1,230 kW
Continuous Tractive Effort	140 kN
Maximum Speed	100 km/h
Running Gear	
Driving Wheel Diameter	1,018 mm
Idler Wheel Diameter	836 mm

SPECIFICATIONS

Electrical & Mechanical Systems

Alternator	D22F-D14 / D32F-D14
Traction Motors	D29 / D31
Gear Ratio	63:14

Air & Braking Systems

Brake System	26L
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Location

Country	Australia
Inspection Available	Equipment inspection is available by arrangement

ADDITIONAL IMAGES

