



**ELECTRO MOTIVE**

F R E I G H T L O C O M O T I V E

**GT50AC**

## GT50AC Benefits

- Features the highly reliable and fuel efficient 710 Series engine with approximately 10,000 operating worldwide
- Provides advanced diagnostics and predictive health capabilities
- 92-day maintenance interval
- Cab design with EN12667 collision protection and ergonomic control consoles
- Gen3 FIRE® – Functionally Integrated Railroad Electronics – Compliant to AAR S590, AAR S591 – display and environmental standards and industry standards
- Inverter-driven cooling fans and truck blowers for optimized performance
- Microprocessor controlled air brakes
- Pioneering design high adhesion, bolsterless, fabricated three-axle bogies
- Operator amenities including air conditioning, heating and toilet
- Optional Intellitrain™ remote monitoring and diagnostic services
- Optional distributed power system

## EM2000 Microprocessor Control System

- Excitation and load control
- Adhesion control
- Engine control
- Diagnostic system
- Archived unit history data

## GT50AC Technical Details

Locomotive Traction System	AC traction
Diesel Engine	20-710G3
Main Traction / Companion Alternator	TA20 / CA9
Number of Axles	6
Nominal Axle Load	22,3 metric tonnes
Traction Rating	4.101kW
Maximum Speed	105 kph
Starting Tractive Effort	560 kN
Continuous Tractive Effort	405 kN
Fuel Capacity (useable)	8.000 liters
Maintenance Interval (minimum)	92 days
Maximum Weight	133,8 metric tonnes
Track Gauge	1.676 mm
Traction Motor	A2921-6 AC