



***ELECTRO MOTIVE***

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

**GT42AC**

## GT42AC Benefits

- Features the highly reliable and fuel efficient 710 Series engine with approximately 10,000 operating worldwide
- Provides advanced diagnostics and predictive health capabilities
- Sets standards with a minimum 92-day maintenance interval
- Inverter Driven Accessories for fuel economy
- Optional semi-steering bogie application
- Optional Intellitrain™ remote monitoring and diagnostic services

## EM2000™ Microprocessor Control System

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

## GT42AC Technical Details

Locomotive Traction System	AC Traction	AC Traction
Diesel Engine	12N-710G3B-ES	12N-710G3B-ES
Numer of Axles	6	6
Locomotive Height	4244 mm	4244 mm
Length over Couplers Pulling Face	20,314 mm	20,314 mm
Traction Horsepower	2237 kW	2237 kW
Maximum Speed	100 kph	100 kph
Starting Tractive Effort	540 kN	540 kN
Dynamic Braking Effort	284 kN	260 kN
Fuel Capacity (useable)	4000 liters	4000 liters
Maintenance Interval (minimum)	92 days	92 days
Maximum Weight	120 tonnes	120 tonnes
Track Gauge	1435 mm	1000 mm

### OPTIONAL MODEL CONFIGURATIONS

Other Gear Ratios Available

Track Gauges between 1000 mm - 1676 mm

