



ELECTRO MOTIVE

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

GT46AC

GT46AC 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

GT46AC Technical Details

	Heavy	Light
Locomotive Traction System	AC Traction	AC Traction
Diesel Engine	16-710G3C-ES	16-710G3C-ES
Numer of Axles	6	6
Locomotive Height	4200 mm	4200 mm
Length over Couplers Pulling Face	21,838 mm	21,838 mm
Traction Horsepower	3206 kW	3206 kW
Maximum Speed	100 kph	75 kph
Starting Tractive Effort	650 kN	540 kN
Dynamic Braking Effort	332 kN	270 kN
Fuel Capacity (useable)	9500 liters	5800 liters
Maintenance Interval (minimum)	92 days	92 days
Maximum Weight	162 tonnes	129 tonnes
Track Gauge	1435 mm	1000 mm

OPTIONAL MODEL CONFIGURATIONS

Other Gear Ratios Available

Track Gauges between 1000 mm - 1676 mm

