



ELECTRO MOTIVE.

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

SD70ACe

SD70ACe Technical Details

Locomotive Type	Standard Gauge 6-Axle Diesel Electric / AC Traction
Height	16' 1"
Overall Length	74' 3"
Horsepower	4,300 THP
Maximum Speed	70 MPH
Continuous Tractive Effort	155,000 lbs
Starting Tractive Effort	189,000 lbs
Dynamic Braking Effort	105,000 lbs
Fuel Capacity (useable)	4,900 gallons
Engine	16-710G3C-T3
Maintenance Interval	184 days
Nominal Weight	420,000 lbs

Tier 3 SD70ACe Locomotive

- Features the highly reliable and fuel efficient 16-710 engine with approximately 10,000 operating worldwide
- Sets standards with a 184-day maintenance interval and easy access to components
- Provides advanced diagnostics and predictive health capabilities
- Offers optional high adhesion package
- Includes provision for Positive Train Control equipment

EM2000™ Microprocessor Control System

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

