



ELECTRO MOTIVE.

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

SD70ACe

Technical Details

	SD70ACe	SD70ACe-P4
Traction Horsepower	4300 THP	4300 THP
Maximum Speed	70 MPH	70 MPH
Number of Axles/Powered	6/6	6/4
Continuous Tractive Effort	155,000 lbs	116,000 lbs
Starting Tractive Effort	189,000 - 200,000 lbs	144,000 lbs
Dynamic Braking Effort	105,000 lbs	78,000 lbs
Weight	420,000 - 432,000 lbs	420,000 lbs
Length	74' 3"	74' 3"
Height	16' 1"	16' 1"
Fuel Capacity	4900 gallons	4900 gallons

Electro-Motive Diesel

In more than 90 years of technology leadership, EMD has delivered over 62,000 locomotives to customers in 75 countries. EMD products have performed in nearly every imaginable condition — from the sands of the Sahara, to the heights of the Andes, to the demanding grades of the Powder River Basin.

With superior performance, we have helped our customers achieve their goals and earned a reputation for top quality, service and innovation...establishing EMD as the world's premier provider of diesel-electric locomotives.

The SD70ACe Locomotive

EMD introduced the SD70ACe locomotive in 2005 with advanced technologies for safety, reliability and sustainability.

A service-proven workhorse, the SD70ACe is in operation across the globe — providing superior performance for rail customers in North America, South America, the Middle East, Africa and Australia.

Features and Benefits

- Highly reliable 16-cylinder 710 engine
- Certified through EPA Tier 3 emissions
- EM2000™ microprocessor control system
- Durable AC traction
- 184-day maintenance interval
- Optional high-adhesion package
- Available with fuel management technologies including SmartConsist™
- Optional Intellitrain™ remote monitoring and diagnostic services

Natural Gas Locomotives

EMD is making substantial investments in natural gas technologies to further reduce fuel costs for the SD70ACe locomotive, while maintaining leading performance and safety.

