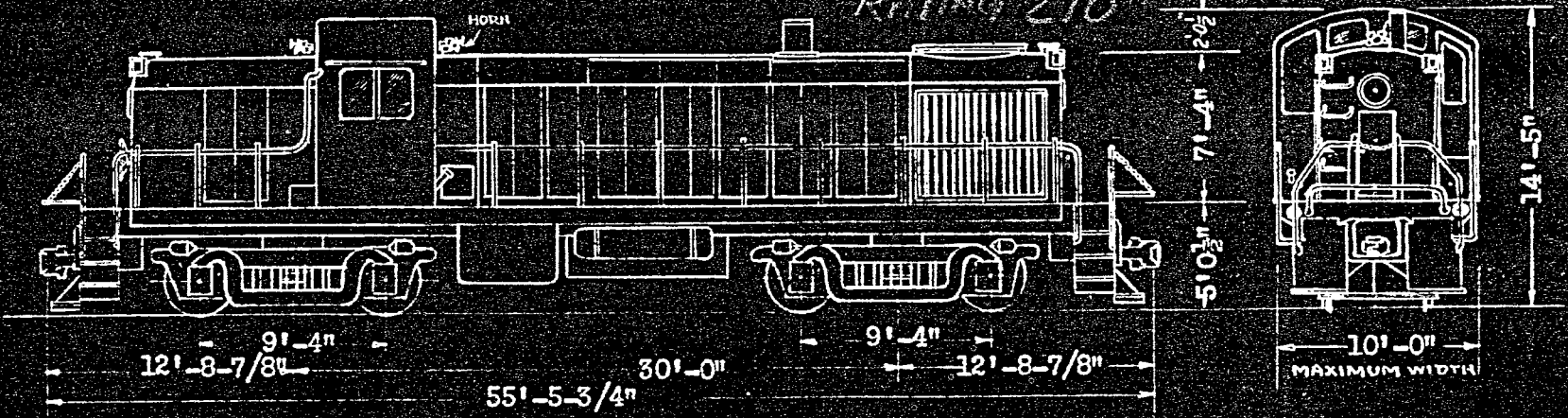


Built April 1950, American Locomotive Co.
 Builder's Nos. 77971-77974

Diesel Electric Road Switching Locomotives No. 181, 182, 184
 Class DS-17

Rating 210



GENERAL DATA

MU RECEPTACLES - FRONT END ONE RECP, BACK END TWO RECP'S

1. Weight - Working Order	248,200 lbs.	CAPACITY	
2. Horsepower	1600	28. Fuel Oil	1600 Gals. (2 Tanks)
3. Ratio of Gears	74-18	Lubricating Oil	200 Gals.
4. Maximum Speed	65 M.P.H.	29. Cooling Water	250 Gallons
ENGINE		AIR BRAKE	
5. Type - 4 Cycle, V Type, Series 244C, Turbo Superch'd. Alco		30. Schedule	24 RI, W.A.B. Co.
6. Cylinders - Bore and Stroke	12 - 9" dia. x 10 1/2"	31. Brake Power @ 50 lbs. cylinder pressure	177,700 lbs.
7. Speed - Idling	350 R.P.M. At Rated H.P. 1000 R.P.M.	32. Air Compressor	Westinghouse 3 CDB
8. Turbo Supercharger	Model G.E. RD 1	33. Air Compressor Capacity at full engine speed	306 CFM
9. Governor	G.E. Type 17 M3C1 Electro Hydraulic	34. Reservoir Capacity	60,650 cu.in.
ELECTRICAL		35. Feed Valve - D-24-B	Relavair Valve HA-24-C
10. 1 - G.E. Main Generator Type GT-564 Cont. Rat. 2170 Amps		36. Dead Man Control-Foot Pedal-Breakintwo Protection	Wabco
11. 1 - G.E. Aux. Generator Type 5-GY24-A1, 12KW, 75 Volts DC		37. Handbrake	Ajax
12. 1 - G.E. Exciter Type 5-AM-807-A2, 9KW, 100V, 2400RPM		MISCELLANEOUS	
13. 4 - G.E. Tract. Motors Type 5GE-752-A1, 1085 Amps, Cont. DC		38. Fire Extinguishers	1 1/2 Qt. CTC In Cab, 2 - 30-lb. Ansul
14. 1 - G.E. Radiator Fan Aphonic Type 7GA23A1 75 Volts DC		39. Sanders	8 - Graham White
15. 1 - G.E. Fuel Pump - Type 5BC76AB-286, 1 HP, 75 Volts DC		40. Horns - 2 Nathan M5 Modulated, Bell Ringer Trans. Dev. Co.	
16. Control Equipment-GE Type P, Overspeed with Time Delay		41. Speed Recorder-Valve Pilot HD, 0-60 MPH-Speed	BARCO
17. Multiple Control Cable	60 Inch Length, 27 Wires	42. Draft Gear	Miner A-22-XL
18. Batteries	32 Cells, 64 Volt, Exide MV-25-D	43. Couplers	A.A.R. Type "E"
19. Lighting Circuit	75 Volts	TRUCKS	
20. Headlight 2 - 14" dia. 32 Volts, 250 Watts, Pyle National		EQUIPPED WITH MAGNUS FLANGE OILERS	
TRACTIVE POWER		44. Type	4 Wheel, Swivel, Swing Motion Pedestal Type
21. Starting at 25% Adhesion	62,050 lbs.	45. Axles	6 1/2" x 12" Journals for Hyatt Roller Bearings
22. 10 M.P.H.	49,000 lbs.	46. Wheels	40" M.W. Rolled Steel
23. 15 M.P.H.	33,500 lbs.	47. Brake Cylinders	8 - 10" dia. x 8" W.A.B. Co.
24. 20 M.P.H.	25,000 lbs.	48. Side Bearings	Plain Steel - Hardened
25. 25 M.P.H.	20,000 lbs.	LIMITING DIMENSIONS	
26. 30 M.P.H.	16,500 lbs.	49. Maximum Length Coupled	55' 5-3/4"
27. Continuous Rating	52,500 lbs. at 8.0 M.P.H.	50. Maximum Width	10' 0"
		51. Maximum Height	14' 5"
		52. Maximum degree of curvature	57 degrees, Coupled 30 Deg.