

Locomotive Specifications**SW1500****SW1000****RP14BD****Performance**

Engine	645E 12 cylinder - roots blown	645E 8 cylinder roots blown	2 engines
Horsepower	1500	1000	1400 combined
RPM (max / min)	800/275	800/275	
Main Generator	D32	D36	
Gear Ratio	62:15	62:15	
Trucks	B-B Configuration, 4 wheels	B-B Configuration, 4 wheels	B-B Configuration, 4 wheels
Traction Motors	D77	D77	D77
Air Brakes	26NL, 26L	26NL	Fastbrake
Air Compressor	Gardner Denver / Wabtec	Gardner Denver / Wabtec	motor driven screw
Dynamic Brake	Not equipped	Not equipped	Not Equipped

Tractive Effort

Starting	62,000 lbs @ 25%	57,500 lbs @ 25%	
Continous	38,000 lbs at 11 mph	36,000 lbs at 11 mph	53,000 @ 6.5 mph

Dimensions

Weight	248,000 lbs	230,000 lbs	248,000 lbs
Length	44 feet 8 inches	44 feet 8 inches	44 feet 8 inches
Truck wheel base	8 feet 0 inches	8 feet 0 inches	8 feet 0 inches
Wheel diameter	40 inch	40 inch	40 inch
Height to top of engine hood	11 feet 9 inches	11 feet 9 inches	
Height to top of cab	15 feet 0 inches	15 feet 0 inches	Plate L Clearance
Cab width	10 feet 3 inches	10 feet 3 inches	
Top of walkway	8 feet 6 inches	8 feet 6 inches	
Walkway width	4 feet 7.5 inches	4 feet 7.5 inches	
Center bolster	22 feet 0 inches	22 feet 0 inches	
Distance between truck Centers	30 feet 0 inches	30 feet 0 inches	
Minimum turning radius	39 degrees	39 degrees	

Capacities

Fuel tank	600 gallons	600 gallons	900 gallons
Engine cooling water	230 gallons	190 gallons	
Lubricating oil	165 gallons	135 gallons	
Traction sand	28 cubic feet	28 cubic feet	

Options

AESS	ZTR Smart Start when indicated	ZTR Smart Start when indicated	
Remote Control	CANAC System when indicated	Not equipped	Not equipped