

Trackmobile 4300TM

Tractive Effort Rating: 43,000 lbs., 28,000 lbs. when one coupler is used.

Engine: Detroit diesel turbocharged engine, model 4-53T, 4 cylinder - 2 cycle. Automatic engine shutdown standard.

Transmission & Drop Case: Constant mesh gearing. 4 speed, electronically controlled forward and reverse for both road and rail operation.

Low Range:

Rail: 0-2.4 mph
Road: 0-1.3 mph

Second Range:

Rail: 0-5.0 mph
Road: 0-3.2 mph

Third Range:

Rail: 0-8.5 mph
Road: 0-5.4 mph

Fourth Gear:

Rail: 0-14.8 mph
Road: 0-9.3 mph

Rail Wheel Gear Case: Heavy duty, hardened alloy steel spur gears. Oil bath lubrication.

Brakes:

Rail: Air over hydraulic power actuated, 18" diameter disc on all 4 rail wheels. Train Braking, 32CFM. Two AAR glad hand connections at front and rear. Road wheel, drum and shoe. Parking, mechanical and drum.

Wheels:

Rail - 27" diameter, heat treated cast steel. Tapered tread contour to AAR specifications.
Road - Rock service 14 ply 9.00 x 20 tube type tires, heavy duty suspension, hydraulically operated to extend and drive on road or retract for rail operation, electronically controlled.

Frame: Heavy duty, all welded from preformed steel plate and structural shapes.

Couplers: Two heavy duty, cast steel, Trackmobile pioneered weight transfer design. Positive coupling insure to railcars with AAR contour and locking knuckle. Air operated knuckle release from cab for easy coupling and uncoupling. Traversing and weight transfer controlled through joystick.

General Specifications:

Wheelbase - 121"
Width - 117.5"
Length - 155"
Height - 140"
Weight - 34,400 lbs.

Operator Cab: Totally enclosed cab, easy to use controls. 360 degree visibility, rearview mirror for road operation. Dual controls for rail operation. Two electric windshield wipers, cab heater and defroster fan. One door on each end for convenient access. Dual foot controls for rail operation. Interior sound level under 85DBA. Isolation mounts for body frame and cab. Full instrumentation including engine tachometer.

Hydraulic System: Constant pressure hydraulic with Sunstrand piston pump. Centrally located electrically controlled cartridge monblock valve. Equipped with diagnostic pressure gauge. Parker hoses with "O" ring face seal.

Sanders: Air operated, eight sanders, two for each rail wheel, front and rear.

Lights: Forward and rear tail/stop lights. Halogen front and rear lights for night operation, either on road or rail. Track mounting light for placing unit on rail at night.

Steering: Hydrostatic steering system. Truck type linkage and spindles.

Warning signals: Blast type air horns. Back-up alarm for road operation.

Factory Installed Options: Air bell, cab extension, fire extinguisher, outside mirror, 100 amp alternator, engine block heater, Ether start, automatic engine shutdown, strobe light, strobe light pedestal, turn signals, cab air conditioning, central lube system, protect-o seal fuel cap, spot light, snow plow, Clark axles, foam tires and grease gun.

Note: Dimensions and weight do not include any optional equipment. Specifications are subject to change without notice.