

## Trackmobile 4200TM

**Tractive Effort Rating:** 42,000 lbs., 26,730 lbs. when one coupler is used.

**Engine:** Detroit diesel turbocharged engine, Model 4-53T, 4 cylinder- 2 cycle.

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

**Low Range:**

Rail: 0-2.0 mph  
Road: 0-1.1 mph

**Second Range:**

Rail: 0-3.6 mph  
Road: 0-2.3 mph

**Third Range:**

Rail: 0-6.3 mph  
Road: 0-4.0 mph

**Fourth Gear:**

Rail: 0-11.3 mph  
Road: 0-7.1mph

**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. Road Wheel, Drum and shoe. Parking, mechanical drum and shoe.

**Wheels:**

**Rail** - 27" diameter, heat treated cast steel. Tapered tread contour to AAR specifications.  
**Road** - Rock service 16 ply 9.00 x 20 tube type tires, hydraulically operated to extend and drive on road or retract for rail. Electrically controlled. Equipped with road wheel position indicator.

**Drive:**

**Rail** - Through torque converter, transmission and transfer gear case to no spin differential and planetary controlled.  
**Road** - Interlocking lug drive from rail axles drive hubs to tired tread. Automatically disengages while in rail operation.

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

**General Specifications:**

Wheelbase - 121"  
Width - 114"  
Length - 155"  
Height - 136"  
Weight - 35,000 lbs.  
Road Clearance - 6 ½ '

**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.

**Operator Cab:** Driver conditioned, totally enclosed, 360 degree visibility. Easily accessible controls. Two electric windshield wipers. Rear view mirror for road operation. Dual controls for rail operation. One foot on each end for convenient access. Sound proofing, cab heater and defroster fan. Full instrumentation including engine tachometer.

**Hydraulic System:** Constant pressure hydraulic with engine running for maximum traction, braking ability and to prevent road wheels settling. Fingertip controls through electric solenoid operated control valve, for all hydraulic function.

**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, 5# fire extinguisher, engine block heater, Ether start, strobe light, 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.