



TRACKMOBILE®
MOBILE RAILCAR MOVERS

Leading Railcar Mobility Since 1948

ATLAS



Joystick & Armrest Controls



Ergonomic Operator's Seat



Safe-T-Vue™ 360° Visibility System

Up to 60,225 lbf. of Tractive Effort



ATLAS

The Atlas is Trackmobile's highest capacity model. Designed for more rugged and higher duty cycle applications, the Atlas is optimized to handle the most severe rail conditions with optimal operator comfort. As the premier model, the Atlas offers many options as standard features.



Atlas control panel and operational controls.

Standard Features

- CAN-Bus Control System with On-board Diagnostics
- UltraView 7" Color Touch Screen Display
- Ergonomic Air Ride, High Back 180° Swivel Seat
- Joystick and Armrest Controls
- Tinted tempered glass (meets ANSI 26.1 standard)
- Automatic / Manual Power-Shift Transmission
- 100 CFM Rotary Screw Air Compressor
- In-Cab Front and Rear Train Air Valves
- Incremental Train Air Brake Controller
- Train Air Hold Button
- Steel Railwheels
- Accessible External Disc Brakes
- Impact Sensor/Recorder
- Embedded LED head lights.
- LED strobe, work, and under hood lights
- Upgraded Jumpseat
- Premium HVAC system
- 35,000 BTU with 550 CFM HVAC
- Fire Extinguisher, 5 pounds
- Heavy-duty Mine Service Foam Filled Tires
- Patented MAX-Tran and MAX-Trac systems
- Train Air Charge Indicator

Safety is at the forefront of all Trackmobile engineering designs. In addition to slip-resistant surfaces, abundant lighting, and crossover decks with steel non-slip ladders, Atlas also offers these standard and optional* safety features:

- **FREE**** Seat in a Rail Safety Training Class
- Patent Pending Safe-T-Vue™ 360° Visibility / Railing Display
- Ramped Throttle Control - Quick and Slow
- Telematics Remote Monitoring & Diagnostics
- Rear Coupler Camera
- Electronic Speed Control
- Neutral Braking
- Hydraulic Lock-Out
- MAX-Trac - Automatic Traction Control System
- MAX-Tran Automatic Weight Transfer System
- GPS Positioning Capabilities
- Remote Control System*
- Vigilance Control*

* Feature is an option

**With authorization code provided in newly manufactured Trackmobile models.

Ask your Trackmobile Specialist about these and other options to help keep your crews safe and reduce workload fatigue.

Specifications ATLAS

Tractive Effort

Double Coupled*	60,225 lbf. [27,318 kg]
Single Coupled*	43,890 lbf. [19,908 kg]

Dimensions / Performance

	On Rail	On Road
Wheel Base	157.5" [4,000.5 mm]	89.2" [2,265.7 mm]
Rail & Road Clearance**	4.82" [123.2 mm]	13.9" [353 mm]
Rail & Road Height ***	149.75" [3,804 mm]	164.6" [4,180.8 mm]
Length	220" [5,588 mm]	
Width	125" [3,175 mm] ¹	
Weight	83,500 lbs. [37,875 kg]	
Rail Gauge ****	AAR Standard 56.5" [1,435 mm]	
Centerline to Cab Side	62.62" [1,590.5 mm] ¹	
Centerline to Non-Cab Side	62.45" [1,586.2 mm] ¹	
Cab Interior Volume	199 cu. ft.	
Road Turning Radius		
Inside Tire		18' 4" [5.5 m] ³
Outside Tire		26' 2" [7.9 m] ³
Outside Clearance		28' 8" [8.7 m] ³
Speeds (Forward & Reverse)*****		
Low	2.0 MPH, [3.2 km/h]	1.0 MPH, [1.6 km/h]
2nd Gear	3.9 MPH, [6.3 km/h]	1.9 MPH, [3.1 km/h]
3rd Gear	7.8 MPH, [12.6 km/h]	3.8 MPH, [6.1 km/h]
4th Gear	15.0 MPH, [24.1 km/h]	7.2 MPH, [11.6 km/h]

Engine

Cummins Electronic Turbo-Charged Diesel Engine	QSL9
CARB Tier 4(f) , UE Stage IV, U.S. EPA Tier 4(f)	STANDARD
EPA Tier III EU Stage III A Emissions	OPTIONAL²
Configuration	6 Cylinder inline
Valves per Cylinder	4
Engine Displacement Tier IV	543 in ³ [8.9 liters]
Horsepower Tier IV	350 hp [261 kW] @ 2100 rpm
Maximum Torque Tier IV	990 ft [1,342N-m] @ 1500 rpm

Fuel Tank - High-strength steel fuel tank with Eighty (80) Gallons (303 liters) capacity with lockable cover

Air Intake

Intake Air Heater - preheats incoming combustion air prior to start³
3 Stage Filtration, high-efficiency Pre-Cleaner, Primary and Safety Filters Tier IV

Powertrain

Transmission - Funk, DF 250 series, constant mesh spur gearing Four Speed Forward and Reverse with selectable Power shift manual or automatic with 4th or 3rd and 4th gear Lock-Out for Rail, Road, or Both

Axles

On Road -Two (2) heavy-duty, steel cast case, hydraulically raised and lowered
On Rail - Two (2) out-board internal planetary type with high-strength ductile iron; rear axle drive hubs with friction drive
Differential -Automatic no spin locking differential

Steering

On Road - front axle power steering with pivot away steering wheel

Automatic Shutdown

Automatic shutdown as a result of: High Engine Temperature; Low Engine Coolant Level; High Compressor Temperature; High Hydraulic System Oil Temperature; (Optional Low Hydraulic System Oil Level)

Note¹ Machine width includes additional 3" taken in consideration for Safe-T-Vue cameras located on exterior of cab and engine side hand rail.

Note² EPA Tier III EU Stage III A Emissions engines are no longer manufactured in Trackmobiles for sale in the US and Canada after 12/31/18.

Note³ DO NOT use ether starting fluid.

Note⁴ Maximum application pressure is varied automatically, depending on whether the machine is in rail or road mode. If the machine is on rail, the application pressure will vary depending on weight transferred, for best stopping capability.

TIER IV MODEL MAXIMUM HEIGHT INCLUDES APPROXIMATELY 4" ADDITIONAL HEIGHT WITH OPEN RAIN COVER ON EXHAUST STACK.

* Depending on weight package option, actual tractive effort may vary with rail and weather conditions.

** Rail clearance on the Atlas is reduced 1" by a rotor cover plate that extends 3" toward the center of the machine, beyond each railwheel.

*** For shipping purposes, add 1.5" (38 mm) to rail height for a 2 x 4 block under wheel tread and subtract 4" for closed rain cover on exhaust stack and 2" for deflated airbags. Additional variations may occur due to options selected.

**** Rail Gauges available in various sizes, speak to your local dealer regarding the gauge best suited for your line.

***** Actual speeds obtained will depend on grade, load, altitude, and other factors.

Main Frame

Heavy-duty , high-strength welded steel with two 8" [203 mm] thick wheel well plates and 4" [101.6 mm] base plates

Pivoting Frame - Heavy-duty 6" [152.4 mm] thick split pivoting main-frame linked by an oscillating bearing that pivots up to 10° assuring 4-wheel rail contact at all times and extends axle life

Body Frame

Heavy-duty all-welded construction using 2.5" [63.6 mm] pre-formed steel deck plates and 1.25" [21.75 mm] side plate structural forms

Suspension

Four (4) Firestone airbags and cab air-ride shock absorbers between body frame and suspended cab with height adjustments

Couplers

Two heavy-duty cast steel weight transfer design positive coupling and uncoupling with AAR contour coupler and locking knuckle and graphite wear pads

Standard width beam handles most standard curve radius

Optional wide traverse coupler beam for adverse and severe curve radius

Brake System

On Road Machine Braking⁴- Hydraulic disc brakes with Dual Calipers

On Rail Machine Braking⁴- Hydraulic disc brakes, 18" [457 mm] diameter

Machine Parking Brake - Hydraulic transmission mounted, self contained, spring activated wet disc park brake

Selectable Neutral Braking - Automatically applies brake to full pressure within 5 seconds of selection

Train Air Brakes

glad hand connections
100 CFM Rotary Screw Compressor System

STANDARD

Pneumatic System

In-Cab Train Air Valves
Air dryer for machine air system and to fill air ride seat. Heated with internal thermostatically controlled 12-Volt heater to prevent pneumatic line release valve freeze ups in damp/cold climates.

Hydraulic

Constant Pressure Hydraulic System, piston pump and O-ring face seal fittings and oil filtered below ISO 18/16/13

Rail and Road Machine Braking⁴ - Hydraulic disc brakes (see brakes)

Machine Parking Brake (see brakes)

HVAC

35,000 BTU with 550 CFM automotive quality HVAC for heating, air conditioning, defogging and defrosting in extreme weather conditions

Electrical

Heavy-duty 12-Volt DC, 160 AMP Alternator with Dual 925 CCA batteries

Digital Instrumentation - SAE-J1939 CAN-Bus Control System

7" Digital Display for real-time machine statistics and diagnostic data

Safe-T-Vue™ 360° visibility and railing camera with 10" color monitor

Additional 2 inputs for extra camera locations

Alarms - Automatic Backup Road-Mode Alarm, Selectable Electronic

Warble-type alarm, blast type air horn, and amber strobe warning lights

Wheels/Tire

On Road

Four (4), 20 Radial Ply 12.00 x 20 Heavy Duty Mine Service Rubber Foam Filled, puncture resistant Tires

On Rail

Four (4) , 33" [838.2 mm], heat-treated, forged steel, flanged railwheels AAR Profile Standard Gauge 56 1/2" [1,435 mm] *****

Optional AAR or UIC Couplers - Gauges *****

Eight (8) Individual, Air- Operated, Electronically-Controlled Sanders



UNPARALLELED SERVICE AND SUPPORT

Trackmobile dealers provide the industry's best and most experienced sales and service support. Many of our dealers have been working with railcar movers, specifically Trackmobile, since its introduction in the early 1950's. From being there to help select the right machine for your operations, to providing knowledgeable ongoing support, Trackmobile dealers help keep your business on track. Our customers have reported maintaining up to 99.7% uptime due to Trackmobile's dependability and unsurpassed customer service support.

Industry's Most Experienced Dealer Network

More than 100 facilities and over 300 factory-trained service technicians throughout North America



- 24 Hour Emergency service
- Service & Parts for all models of Trackmobiles
- Dedicated railcar mover technicians
- Customized railcar mover service vehicles
- On site or in shop service and repair
- NEW Trackmobile railcar movers
- Quality reconditioned railcar movers
- In shop or on site Operator training
- Late model rental units for emergencies
- Availability reduces downtime
- Machine demonstrations
- Machine safety evaluations
- Free site surveys

Your Business + Our Dealers + Trackmobile Customer Service = Winning Team

Time is Money

Getting it right the first time requires having the tools and parts. Trackmobile has an inventory of parts to service even many of our legacy models. Understanding that uptime is a significant factor in operational success, our distributors and their service departments stock sufficient inventories to complete routine maintenance and most emergency calls. It takes great teamwork to "get the job done."

Headquarters

Telephone: 706-884-6651
Fax: 706-884-0390
E-mail: trackmobile@trackmobile.com
Address: 1602 Executive Drive
LaGrange, GA 30240