

Leading Railcar Mobility Since 1948



Joystick & Armrest Controls



Ergonomic Operator's Seat



Pivoting Main Frame Bearing



Safe-T-Vue™ 360° Visibility System



Over 60,000 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:

- Patented 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*

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

* Feature is an option



Maximum Tractive Effort*		
Double Coupled		60,225 lbs [27,318 kg]
Single Coupled		43,900 lbs [19,913 kg]
Dimensions / Performance**		
	On Rail	On Road
Wheel Base	157.5" [4,001 mm]	89.2" [2,265.7 mm]
Rail & Road Clearance	4.8" [122 mm]	13.9" [353 mm]
Rail & Road Height	149.8" [3,805 mm]	164.6" [4,181 mm]
Length	220" [5,588 mm]	
Width^^	125" [3,175 mm]	
Weight	83,500 lbs [37,875 kg]	
Rail Gauge*	AAR Standard 56.5" [1,435 mm]	
Centerline to Cab Side	62.6" [1,590 mm]	
Centerline to Non-Cab Side	62.5" [1,588 mm]	
Speeds (Forward & Reverse)***		
	On Rail	On Road
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]	Call for information.
Engine		
Cummins electronic turbo-charged 9 Liter [543 In³] engine: In-line 6 cylinder, 4 valves per cylinder, 350 hp [261 kW] @ 2,100 rpm, Max torque 990 lb-ft [1,342 N-m] @ 1,900 rpm.		
Fuel Tank - Steel	Eighty (80) gallon [303 liter] capacity	
Air Intake¹		
Intake Air heater	Preheats incoming combustion air prior to start.	
Air Filtration Tier IV	3-stage filtration, High-efficiency Pre-cleaner, Primary and Safety Filter	
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 lock-out for rail, road, or both.	
Axles	On-Road - Two heavy-duty steel axles On-Rail - Two (2) out-board internal planetary type with high strength ductile iron rear axle drive hubs with friction drive.	
Differential	Two (2) rigid, outboard planetary, air actuated, auto-control differential locking.	
Safety Features		
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)	
Brake System		
On-Road Machine Braking²	Hydraulic disc brakes with Dual Calipers	
On-Rail Machine Braking²	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 operator inactivity.	
Train Air Brakes	Glad hand connections	

Train Air Compressors	
100 cfm Rotary Screw Air Compressor	STANDARD
NOTE: All Train Air System options feature in-cab train air valves.	
Hydraulic System	
<ul style="list-style-type: none"> Constant pressure hydraulic system, piston pump and o-ring face seal fittings and oil filtered below ISO 18/16/13. Provides On-road and on-rail braking power. Provides hydraulic steering on road. 	
Electrical System	
Alternator	HD 12-Volt DC, 160 AMP
Batteries	Two (2) - 925 CCA
Digital Instrumentation	SAE-J1939 CAN-Bus Control System
Digital Control Display	7" display for real-time machine statistics and diagnostic data.
Cameras	Safe-T-Vue™ 360° visibility and railing camera with 10" color monitor
Additional Cameras	Two (2) additional outputs for extra camera locations
Alarms	Automatic backup road-mode alarm, selectable electronic <ul style="list-style-type: none"> Warble-type alarm Blast-type air horn Amber strobe warning lights
Wheels / Tires	
On Road	Four (4), 20-ply, radial, 12.00 x 20, Heavy-duty mine service, foam-filled, puncture-resistant rubber tires
On Rail	Four (4), 33" [838.2 mm], heat-treated, forged steel, ring-style flanged railwheels
Rail Sanders	
Eight (8) individual, air-operated, electronically-controlled sanders.	
Chassis / Frames	
Main Frame	Heavy-duty, high-strength welded steel with two (2) 8" [203 mm] thick ballast plates and 4" [101.6 mm] structural plates.
Pivoting Frame	Heavy-duty 6" [152.4 mm] thick, split pivotign main frame with 8" [203 mm] mounting plate with 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	
For air-ride cab suspension. Four (4) Firestone airbags and cab air-ride shock absorbers between body frame and fully suspended cab leveling adjustment capability.	
Couplers / Coupler Beams	
Couplers	Two (2) heavy-duty cast steel weight transfer design, positive coupling and uncoupling with AAR contour coupler and locking knuckles.
Coupler Beams	Two (2) standard-width coupler beams with graphite wear pads, which handle most standard curve radii.
Optional wide-traverse coupler beams are available for adverse and severe curve radii.	
Note ¹	Not to be used in conjunction with Ether starting fluid.
Note ²	Maximum application pressure is varied automatically, depending on whether the machine is in rail or road mode. On rail, the application pressure will vary depending on weight transferred, for best stopping capability.
* Rail Gauges available in various sizes.	
** For shipping purposes, add 1.5" (38 mm) to rail height for a 2" x 4" block under wheel tread. Additional variations may occur due to options selected.	
*** Actual speeds obtained will depend on grade, load, altitude, and other factors.	
^^ Width of machine includes 360° Safe-T-Vue™ cameras on each side of machine. Width may be narrowed by approximately 3" for tight tolerances if Safe-T-Vue™ system is removed at time of new machine order.	



TRACKMOBILE®

A MARMON RAIL COMPANY

Trackmobile is a proud member of the Marmon Rail Group. Marmon Rail provides a variety of products and services to help solve customer's biggest challenges. Whether you need track maintenance and construction, locomotives, railcar movers, or on-site and mobile repairs, Marmon Rail and Leasing has a solution for your operation. All companies within Marmon Rail are experts in their field. We leverage our expertise to provide customers with innovative, sustainable solutions for any rail operation.

TOGETHER, WE KEEP OUR WORLD MOVING FORWARD.

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- Machine demonstrations
- Machine safety evaluations
- Free site surveys

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.

Headquarters

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

