

Miller
Since 1899

Miller
ATLAS

Rock Solid Productivity

ATLAS



ATLAS - Toughest off-road floater chassis available

Handles the most rigorous field conditions with legendary performance.

NEW LEADER



Shown with a New Leader L4000G4 Dry Spreader Box

Rugged tubular steel frame.



The 188" wheelbase Atlas 3654 is able to accommodate either a 13' or 14' dry spreader box. New Leader offers a Miller Atlas L4000G4 Dry Box through authorized Miller - New Leader dealers.



Drive Train

The Atlas off-road chassis feature an unbeatable team of drive line components with legendary performance.

- A 365 Cummins QSL 8.9L diesel engine supplies the power with great fuel economy and excellent cold weather starting.
- The cooling package features a single pass design to optimize air flow and more efficient cooling.
- Smooth, trouble-free transfer of power from an Allison 6-speed automatic "close ratio" transmission with two shift schedules, a simple push-button shift control, and a transmission oil cooler.
- The Atlas puts the power to the ground with a double reduction Axletech axle with outboard planetary hubs and 2-speed axle ratio.

Speeds

You'll find the perfect speed for every condition and situation. High and low ranges provide an efficient working speeds from 6.1 to 29.7 mph at full throttle.



Shown with a Precision Tank & Equipment (PT&E) Liquid System. Atlas is rated to carry liquid application systems up to 2,000 gallons (filled with 32% liquid nitrogen).

EATON wide-track front axle with 18,000lb load rating



Heavy Duty double-reduction Axletech rear axle



Atlas cab and controls

The command center is a center-mounted Deluxe 90 Series cab for exceptional visibility and control. You'll appreciate the easy access steps and platform with a walkway to the engine area. It features a large door for easy entry and a comfortable high back Air-Ride seat with an ergonomically designed control panel arm rest. Commonly used controls are built into the armrest and float with the seat. An instructional seat is included.

This state-of-the-art cab is pressurized and charcoal filtered with a standard equipment engine & transmission monitor, heat and air conditioning, a tilt/telescoping steering column, AM-FM radio with weather band and CD player, as well as an HID light option. The cab is well cushioned on account of the air-ride suspension with leveling valve.

Sophisticated air braking system

You'll enjoy excellent stopping power with 4-wheel air brakes. The two frame rails create a huge air reservoir.

Frame & front axle

The Miller Atlas has evolved from a rock solid legacy of high strength off-road chassis building. High strength steel, 4 walled tubular frame rails with tubular and channel cross members are built to handle the load of a 2,000 gallon tank filled with 32% liquid nitrogen.

The front axle is an EATON wide-track with a 6" diameter tube and minimum 18,000 lb. load rating, along with twin hydraulic steering cylinders. The wheel bearings are low maintenance Stemco sealed oil-bath bearings.

The Atlas 3654 is auto-steer capable.

Your Productivity is Our Business

Equip the Atlas 3654 with a New Leader* dry box or add a liquid system & maximize your year-round productivity.

ENGINE

- Cummins QSL 365 hp diesel engine with power bulge to 375. Tier III emission standards.
- Dual element air filter with pre-cleaner
- Manifold pre-heater & block heater
- 160 amp alternator
- Two 12 volt heavy duty batteries
- Vertical exhaust pipe
- 130 gal fuel tank

AIR SYSTEM

- Engine mounted water-cooled air compressor – 13.2 cu ft
- Dual large capacity in-frame air tanks
- Air dryer
- Air brakes

TRANSMISSION

- Allison RDS3000 6 - speed automatic with two shift schedules
- Shift schedule #1 1st thru 4th gear
- Shift schedule #2 1st thru 6th gear
- Transmission oil cooler

REAR AXLE

- Axletech, PRC 674, double reduction with outboard planetary hubs
- 2-speed
- Gear ratio: low range - 19.62, high range - 14.07
- Rated @ 37,000 lbs



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BRAKES

- Air activated
- Rear - 16.5 X 5" with 36 cu in air chambers
- Front - 16.5 X 6" with 24 cu in air chambers
- Parking - uses 2 rear brakes, spring applied & air released

ATLAS CAB

- Deluxe 90 Series air-ride with leveling valve
- Tilt & telescoping steering column
- Pressurized - heat & air conditioned with charcoal filter
- Windshield wiper & washer
- AM-FM-WX radio w. CD player
- High-Back AirRide seat
- Tinted glass – all windows
- Gauges include: engine & transmission monitor, air pressure, fuel, & rpm, plus optional speed
- Electronic throttle & cruise control
- Instructional seat

LIGHTING

- Std: 2 - high/low beam mounted to fenders / 6 - halogen mounted to cab roof - front
- Opt: 4 - halogen mounted to cab roof - lights are adjustable to point in desired direction
- Opt: 2 HID lights replace 2 stadium halogen lights

PRECISION OPTIONS

- Raven Envizio Pro and Viper Pro Kits available
- Raven speed sensors, light bar kits, autosteer kits, and Single Bin or Multiplier® Bin kits available

FRAME

- 10" x 4" x 3/8" high strength tubular steel
- Optional 8" frame extension

PAINT

- Sand blasted prepared surface
- Epoxy primer
- Urethane top coat

CAB & CHASSIS DIMENSIONS

- Wheelbase 188"
- Cab to axle 120"
- Cab to end of frame 155.5"
- Frame extension length (opt) 8" or 20"
- Overall length 288"
- Overall width 135"
- Overall height (top of cab) 134"
- Weight (w/PRIMEX tires) 17,500 lbs approx

FIELD SPEEDS

Gear	Low Range	High Range
1st	6.1 mph	8.5 mph
2nd	11.4 mph	16 mph
3rd	15.1 mph	21.1 mph
4th	21.3 mph	29.7 mph
5th	28.4 mph	---

Speeds can and will vary depending on tire sizes.

*The New Leader L4000G4 dry box is available in Miller Red from authorized Miller Atlas - New Leader dealers. Miller factory installation, PTO kit, and roll tarp kits are available.

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