



Miller

NITRO 7310

HARD WORKING ALL SEASON LONG

With a Miller Nitro sprayer you can spray later into the growing season, easily maneuver at the headlands, and make on-the-go adjustments quickly and easily – all from the comfort of a new cab specifically designed for the Nitro sprayer. The **NEW Nitro 7310 front boom sprayer** from Miller combines rugged construction with productive features to help you cover more acres in less time.

NEW FEATURES

MADE WITH YOU IN MIND.

NEW chemical injection option allows for use of up to three injection pumps and four separate mid-mount tanks that are easy to access from the platform. When used in conjunction with water in the main tank, you can vary chemical application from field to field.



NEW redesigned adjustable chassis provides up to 78 inches of clearance. Its box steel construction uses 100,000-psi-yield high-strength steel for exceptional ruggedness and durability. A redesigned suspension system makes for a smooth ride.

The optional Auto Rinse allows you to clean out the tank and boom with the press of a button in the cab or using the ground level display.





EFFICIENT HIGH-CLEARANCE SPRAYING.

MILLER INJECTION TOOLBAR

Deliver precise injection of fertilizer into the soil root zone, where your crop needs it most.



NUTRABOSS FERTILIZER PLACEMENT SYSTEM

Accurate dual fertilizer application that saves time and minimizes costs. Apply Nitrogen with NutraBoss, an easy-on, easy-off, lightweight and flexible solution that meets all your application needs – even late stage. Pairs perfectly with the Nitro 7310!

IT'S ALL ABOUT THE BOOM

Increase your productivity with the Nitro 7310. It's front boom design gives a clear view of the boom, spray nozzles, and the field to confidently cover ground faster.

The NEW ultra-quiet cab offers operators maximum comfort, control and convenience.

Miller gives you choices of either a MonoBeam boom up to 120 feet wide or a Truss boom up to 135 feet wide to match your needs and increase your productivity.



ENGINEERED TO HI



HELP YOU DO MORE.



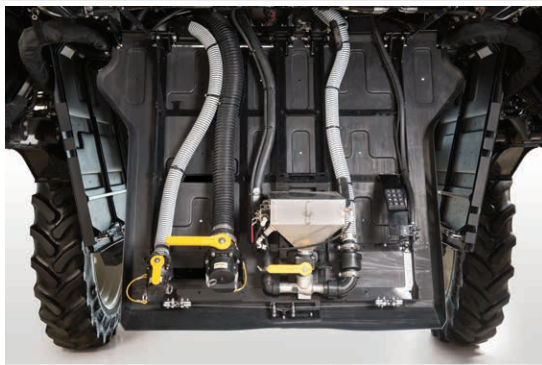
Highest ground clearance on the market! An industry leading 78 inches of ground clearance allows for late-stage application. Easily lower the overall height down to 153 inches (12.75 ft.) from the operator's seat for truck transport.

Lighter overall weight than previous models means less soil compaction and a better horsepower-to-weight- ratio.

Even weight distribution provides balance, with near equal load on each tire to maximize power to the ground while minimizing compaction.

EFFORTLESS OPERATION

- Choose from either 210- or 300-gpm capacity product pumps. The 300-gpm option features ForceSeal technology which provides better protection against dry running time.
- Planetary drive system is electronically controlled and provides a long list of new features like full-time traction control, cruise control, anti-stall, integrated speed limiting and four driver-programmable speed settings.
- 35-mph road speed with four-wheel dynamic braking.
- Maximize power and minimize fuel consumption thanks to the FPT 6.7L, 310 HP turbocharged and aftercooled engine.
- Variable speed hydraulic-driven cooling fan runs only as fast as it needs to, saving horsepower and fuel while reducing noise.



Easy access to the newly designed central filling station.





ND BRAWN.



Engine and hydraulic service checkpoints are easy to access from the walkway by the engine compartment.

Tight turning radius provides excellent maneuverability. Four-wheel steer is a great option that aligns front and rear wheel tracks for reduced crop damage and compaction at headlands. When engaged, it gives you a short 13.5-foot turning radius.

IntelliSpray™ nozzle system features individual pulsing valves that maintain a constant droplet size and application rate as ground speed changes, resulting in maximum coverage and reduced drift. If equipped with a Raven Viper 4+ monitor, individual nozzle control can be unlocked.

QUIET, COMFORTABLE CONTROL

A wide, cloth-trimmed, air-ride seat ensures every operator stays comfortable even after extended spraying hours. Luxury details like footpegs on the steering column, auto climate control, Bluetooth and XM radio, push-button engine start and backlit, dimmable switches add up to major comfort. The multi-function handle puts all critical controls at your fingertips while the armrest console moves with you.

PANORAMIC VISIBILITY

From the newly designed cab, you'll appreciate the expansive view of the field and the full width of the boom thanks to the full height windshield, large wrap-around side windows, and redesigned lift arms.

LUXURY CAB OPTION INCLUDES:

- Heated and ventilated leather seat with self-adjusting air suspension, height adjustment and power lumbar
- 12-volt cooler under the leather instructional seat
- Leather-wrapped steering wheel
- Rear camera
- Auto on/off headlights
- Integrated self-charging flash light
- 110-volt power outlet



DESIGNED FOR YOUR CO



COMFORT & PRODUCTIVITY

STAY REFRESHED ON THE HOTTEST DAYS

The Automatic Temperature Control (ATC) system comes as standard equipment. Choose the Luxury cab and a refreshing drink is only an arm's length away in the integrated cooler under the instructor seat.





**MAKE ADJUSTMENTS CONVENIENTLY
RIGHT FROM THE CAB**

NEXT-LEVEL MONITORING SYSTEMS

The Nitro 7310 allows you to adapt to changing needs on the go. You can easily adjust the under-body clearance, activate the rear fungicide boom, and operate the standard electric rinse system from the cab. For even more convenience, choose the optional Auto Rinse system.

Chassis monitor displays operating functions including speed, rpm, pressures, temperatures and fuel level. It is mounted on the ceiling where it does not disrupt the operator's line of sight to the boom.



Spray info bar with light-up section display is mounted in the ceiling and lets you know which boom systems are operating.



A right hand console chassis monitor mounted on an adjustable swing arm allows operators to easily program and control multiple sprayer functions, which are instantly displayed on the monitoring screen.



The Raven Viper 4+ field computer is mounted to a swing arm so operators can position it exactly where they want it.



Models		NITRO		
Specs	7310			
Deluxe Cab	<ul style="list-style-type: none"> • Ultra Quiet ISO mount cab • 2-way tilt/telescope steering wheel with foot pegs • Cloth air ride seat, with folding instructional seat • Sun visor 	<ul style="list-style-type: none"> • Variable speed pressurization, charcoal filtration • AM/FM/WX with CD, Bluetooth, XM, 4 speakers and remote controls • Touch Screen monitor 	<ul style="list-style-type: none"> • 2nd screen to monitor primary functions • Adjustable field computer and chassis monitor placement • Ambiance ceiling lighting 	
Luxury Cab All Deluxe Cab features PLUS:	<ul style="list-style-type: none"> • Self-adjusting leather seat with air-ride suspension (heated and ventilated with power lumbar) • Leather instructional seat 	<ul style="list-style-type: none"> • Leather wrap steering wheel • X-Grip for cell phone • Rear view camera 	<ul style="list-style-type: none"> • Auto on/off head lights • Integrated flash light and 110 volt power outlet • 12 volt cooler under instructional seat 	
Engine	FPT® NEF 6 / 6.7 Liter Tier 4B			
Horsepower	285 hp (212 kw) / 310 hp (231 kw) Bulge			
Fuel Tank / DEF Tank	150 gal. (568 L) / 24 gal. (91 L)			
Cooling System	Efficient Single Pass stacked top to bottom, Hydraulically driven variable speed fan with reverse option			
Alternator / Batteries	200 amp with 3 – 1000 cca heavy-duty batteries			
Transmission	Hydrostatic drive with electronic controlled single Danfoss 165 cc, H1 series heavy-duty pump			
Final Drives	Danfoss H 1 Series 80 cc drive motors with Oerlikon Fairfield Torque Hub gearbox final drives (C017 series)			
Speed Range	Full range with 4 user defined speed ranges. 0 – 35 mph (0 – 56 km)			
Steering	Hydrostatic with heavy-duty ball joints			
Turning Radius 2 wheel steer model	18 feet (5.48 m)			
Turning Radius 4 wheel steer model	In 2 wheel steer mode – 18 feet (5.48 m) In 4 wheel steer mode – 13.5 feet (4.1 m)			
Tread Width	Fixed width – 120 in. (304.8 cm) Auto Adjustable / 120 – 160 in. (304.8 – 406.4 cm)			
Suspension	4 wheel independent, full suspension travel of 20 in. (51 cm), hydraulic leveling/shock absorbers, auto level for each leg			
Crop Clearance	Variable height 72 – 78 in. (182.88 – 198.12 cm)			
Product Tank Options	1000 or 1200 gal. (3785 or 4542 L) Stainless Steel with 3 in. (7.62 cm) fill connection			
Chemical Injection	1000 gal. (3785 L) Stainless Steel product tank with up to 3 chemical injection pumps and 200 gallons of chemical (4 tanks)			
Rinse System	Standard electric controls or optional AutoRinse 150 gal. (568 L) poly tank with 2 in. (5.08 cm) fill connection			
Product Pump (choice of)	Hypro 9306C Up to 210 gpm (795 L/min) at the pump or Hypro 9307CWS Up to 300 gpm (1,173 L) with ForceField seal technology			
MonoBeam Boom, ft.	90/60, 100/60, 120/70			
Truss Booms, ft.	120/73, 132/73, 135/73			
Lift Arm Travel	100 in. (254 cm)			
Nozzle Bodies	3 +1 Way Turret / 5 Way Turret / IntelliSpray			
Dimensions (Shipping):				
Height	153 in. (388.6 cm)			
Width MonoBeam	163 in. (414 cm)			
Width Truss	183 in. (464.8 cm)			



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