

**NEW
NITRO 6500**



Miller
Since 1899

NEW NITRO 6500 SERIES

Featuring a revolutionary new propulsion system that sets the highest standard for power to the ground performance.

REVOLUTIONARY PROPULSION SYSTEM

The all-new Miller NITRO 6500 features an innovative electronically controlled twin hydrostatic Sauer Danfoss pump system with electronically controlled variable displacement piston drive motors and Farifield Torque-Hub® planetary final drives seamlessly integrated to provide optimum drive performance.

NEW PLANETARY FINAL DRIVES

The new Torque-Hub® planetary final drives deliver high torque and long life, designed to optimize the performance of the NITRO 6500.

GREATER TORQUE AT ALL SPEEDS

The new wheel motors provide greater torque at all speeds. From starting out at a standstill and right up to full transport speed, the wheel motors will have the benefit of full torque at all times.

ELECTRONIC CONTROL

The Electronic Controller is fast and responsive, and communicates with the sprayer CANbus network in a seamless integration.

INTEGRATED SPEED LIMITING

The new Integrated Speed Limiting (ISL) feature allows for hydrostatic braking without over-speeding the engine, while working in concert with active wet disc service brakes in each drive hub for outstanding stopping power and operator control.

NEW FULL-TIME TRACTION CONTROL

Each wheel motor has its own speed sensor in constant communication with the electronic controller, sensing potential wheel slippage and preventing the wheels from turning faster or spinning out, ensuring superior traction and sprayer control, even in challenging field conditions such as mud or soft ground.

4 PROGRAMMABLE SPEED RANGES

The operator is able to set 4 pre-programmed customized speed ranges, with each allowing full travel of the joystick. Common examples may include a slow creep range up to 5 mph for maneuvering in tight places, two working field ranges, and a road transport range.



GREATER TORQUE + TRACTION CONTROL
A drive system optimized for the new NITRO 6500!

POWER WHEN YOU NEED IT

The NITRO 6500 is powered by a proven, reliable Cummins® QSL 8.9 liter Tier 4B turbo diesel engine with 380 (400 Peak) Horse Power.



CRUISE CONTROL

The NITRO 6500 Cruise Control maintains the set or commanded speed by adjusting the wheel motor displacement, automatically through simply setting the joystick position - no buttons to press.

ANTI-STALL FEATURE

The Electronic Control System is integrated into the Engine Control Module to automatically change the hydrostatic control system in the event of a great drop in engine rpm, returning to normal operation when the sprayer is through the problem spot.

NEW TIRE/RIM OPTIONS

The newly designed wheel legs have resulted in new wheel options, including:

- Good Year IF380/90R50 170D UltraSpray TL
- Firestone IF380/105R50 177D
- Michelin VF420/95R50 177A8/B
- Good Year 480/80R42 166A8
- Good Year 520/85R42 170A8/B
- Good Year 650/75R42 170A8/B



SETTING THE STANDARD WITH RAVEN PRECISION

Raven controllers, simply said, have proven to be the benchmark for quality, reliability and performance. Factory installed Raven precision options such as **AccuBoom** section control, **SmartTrax** assisted steering, **AutoBoom** boom height control, and the new precise **Hawkeye** Nozzle Control System offer the utmost in precision spray applications for your NITRO 6500.



ENVIZIO PRO

Super convenience and functionality. Easily navigate through color screens featuring mapping and data logging, spray controls and Raven's Precision options including AccuBoom, SmartTrax, Autoboomb, and Injection.

VIPER 4 AND VIPER PRO The ultimate in precision simplified. Wireless-ready computers with large color touch screens manages all your toughest and most demanding applications with ease. In addition to all the Raven Precision options, they're compatible with standard



DGPS receivers. The Viper 4 features a new tablet style interface with swiping features and horizontal or vertical orientation for the optimum in operator ease of use.



Miller Sprayers

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Miller is a CNH Industrial Brand

Model ▶	NITRO
Specs ▼	6500
SprayView Cab	"Ultra Quiet" cab with air ride, pressurization, charcoal filtration, heat/AC, AM/FM/WX w/CD, 2 way tilt/telescope steering wheel, sun visor. Cloth air ride seat, with folding instructional seat. Touch Screen Miller Systems Monitor
Premium SprayView Cab	All standard SprayView features PLUS Grammer Evolution suede leather seat with air-ride suspension, heated and cooled. Leather wrap steering wheel, Auto Climate Control, Bluetooth XM stereo with 4 speakers, lighted cup holder, deluxe dome lights, X-Grip for Cell Phone. Rear View Camera.
Cummins® Engines	QSL 8.9 Liter Tier IV B
Horsepower	380 (400 Peak HP)
Fuel Tank / DEF Tank	150 Gallon (568 L) / 15 Gallon (56.8 L)
Cooling System	Efficient Single Pass "Stacked top to bottom" (not layered front to back), hydraulically driven fan with reverse option
Transmission	Torq-Trac® hydrostatic drive system with Twin Sauer Danfoss heavy duty pumps
Auxiliary Hydraulic Circuit	Choose 26 GPM (98.4L/min) or 44 GPM (166.5L/min)
UltraFlo Hydraulic Pump Option	Independent 42 GPM with Power Beyond Kit
Speed Ranges	Infinately variable with 4 user-programmable speed ranges
Service Brake	4 wheel dynamic internal wet disc brakes in the planetary hubs
Park Brake	4 wheel spring applied in planetary hubs
Steering	Hydrostatic with two steering cylinders. No tie rods.
Standard 2 - Wheel Steering	15' (4.5m) radius
Optional 4 - Wheel Steering	2 wheel steer: 21' (6.4m) radius / 4 wheel steer: 15' (4.5m) radius
Tread Width Adjustment	120" to 160" (305 to 406 cm) Center to Center, Hydraulic adjustment standard
HydraLink™ Suspension	4 wheel independent, full suspension travel of 20" (51cm), hydraulic leveling/shock absorbers, auto leveling for each leg
Ground Clearance	72" (183 cm) to 76" (193cm) varies with tire size
Product Tank Options (Stainless Steel)	1200, 1400, or 1600 gallon (4542, 5300, or 6056 L) Stainless Steel
Rinse System	Standard Manual Controls or Optional Electric In-Cab Controls, 150 gallons (568 L) poly tank and 2" FastFill connection
Product Pump Standard	Hypro 9306C - 210 gpm @ 80psi (795 L/min @ 5.5 bar) capacity at the pump
Product Pump Option	High capacity Hypro 9307CWS - 310 gpm @ 80psi (1,173 L/min @ 5.5 bar) With ForceField seal technology
Foam Marker Option	Injection System - uses water from rinse tank - in-cab controls - 3 gallons (11.3 L) foam concentrate tank
MonoBeam Boom Options	80/60, 90/60, 100/60, 120/70
Truss Boom Options - NEW	120/73, 132/73, 135/73
Spray-Air™ Boom Options - NEW	90/60, 100/60, 120/73
Boom Travel	From 22" (56cm) to 118" (300cm)
Field Computer Options	Envizio Pro, Viper Pro, Viper 4
Wheelbase	177" (450cm)
Dimensions (Shipping)	H: 158" (401cm) / W: 145" (368cm) / L: 363" (922cm)

Some clearances and dimensions will vary with tire and boom sizes. Miller products are subject to continuous improvement, so changes are possible without notice. All descriptions and specifications in this brochure should be considered as approximate and may include optional equipment and attachments that are not part of the standard specifications. Please refer to your nearest Miller dealer for additional specifications as required. Copyright 2015.