



Miller
Since 1899

NITRO 5000 SERIES



OUR COMMITMENT

For generations, Miller has stood for innovation, a dedication to our customers and a drive to make them more productive. Our factory teams, dealer network and all Miller employees remain guided by these basic principles.

The new Nitro 5000 series embodies the best of our beliefs. Climb aboard and see for yourself. We think you'll understand why Miller people are proud to do what they do.



Step up . . . and into your new world of spraying.



TECHNOLOGY: ONLY THE BEGINNING

You'll be immediately struck by the clean, uncluttered cab. But you'll quickly see that your productive world is at your fingertips, including the sophisticated control center which is surprisingly comprehensive yet easy to master.

The Miller Systems Monitor turns you into the master of your universe. From the reversing fan and electric rinse option pages to the foam marker and engine diagnostic pages (and many more), you'll track everything you need—without ever leaving your comfortable seat.



“Your productive world is at your fingertips.”



SIT BACK, RELAX, TAKE CHARGE

Combining comfort with control in the Miller Nitro 5000 cab was our goal: we wanted you to feel right at home. The hours you spend here—and we know they will be many—are not going to seem quite as grueling anymore.

The premium Spray View Cab features are almost too many to list, but for starters they include:

- Grammer Evolution suede leather seat—including active suspension and head rest. It's heated and vented, too.
- Leather-wrapped steering wheel
- Bluetooth XM Radio
- Auto climate system
- And much more

Both the standard SprayView Cab and the premium version feature sophisticated Air Ride suspension, an instructor's seat, charcoal cab filtration and more.

We built the new Nitro 5000 cab for a simple reason: to make the best front boom sprayer in the industry even better.

SEE YOUR WORLD

Without ever looking back.

SAVING YOUR NECK

With the Nitro front boom, you can confidently see your work. Visibility and sight lines are so good you'll see every nozzle, from tip to tip. No guesswork or wondering if all is well, and no craning your neck to see what's happening behind you. By the end of your long days, you won't be feeling the worse for wear.

STANDING TALL

Keeping you productive means letting you work as long as you need to—including late into the season. That's why the Nitro features a full six feet of ground clearance. And since your goal is minimum crop damage while spraying, clearance is critical, as are other Nitro features, such as its even weight distribution, outstanding traction and tight turning radius. So many variables factor into your productivity calculations. The Nitro tackles them all.

“Keeping you productive
late into the season.”

GET ABOVE IT ALL

*All-season productivity with
a full 6 feet of clearance*

A WHOLE NEW ENVIRONMENT

We know you've had plenty of days when you've felt like knocking off early—the pounding noise, the strain of looking over your shoulder, the constant stopping to check adjustments and levels—but the new Nitro 5000, including the new cab's creature comforts, are going to give you a whole new experience.

“Nitros are well-known for great visibility and surprising quiet. The 5000 takes it to an even higher level.”

From your comfortable vantage point in the cab, you'll confidently see everything you need to.

The rear-mount engine isolates you from distracting noise, reducing your fatigue and allowing you to focus—peacefully—on the work in front of you.



QUIET PLEASE

Onboard, you'll be able to hear yourself think.

TURN ON A DIME

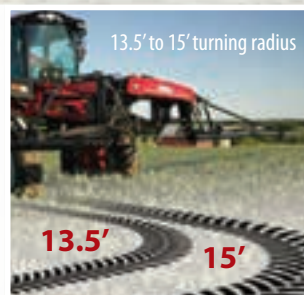
4-wheel steer option—the ultimate in maneuverability

1
Single-pass cooling system for better efficiency, cooler air flow and easy cleaning.

2
Powerful, proven Cummins engines provide not just power, but peace of mind, too.



With 4-wheel steer option, you'll have the tightest turning radius in the business. With front and rear wheels following the same track, crop damage is minimized and headlands turning is a snap.



13.5' to 15' turning radius

13.5'

15'

3
Direct drive wheel motors means more power to the wheel, fewer parts and less wear.

- 1 Cooling System
- 2 Cummins Engine
- 3 Direct Drive
- 4 Weight Distribution

4
Major components carefully placed, so weight distribution is within 4% of 50-50 balance during spraying.

GAIN TRACTION

Stop spinning your wheels. And minimize soil compaction, too.





EASY RIDER

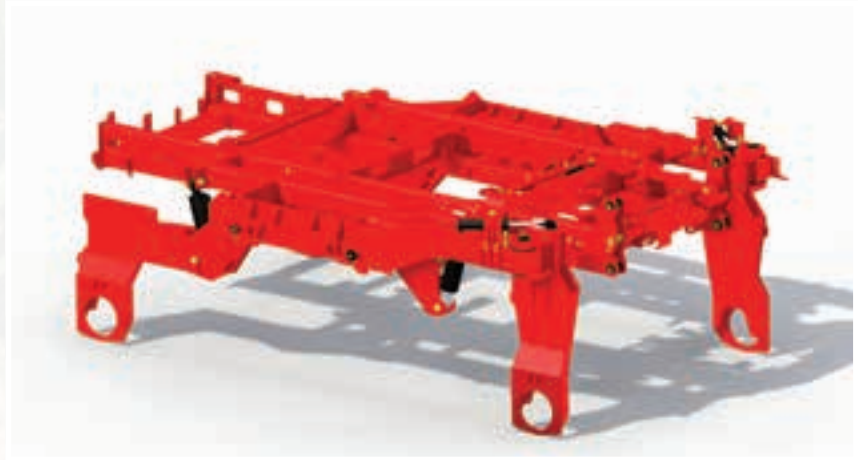
Award-winning suspension = smoothest field trip around



SUSPENSION IS ABOUT MORE THAN COMFORT

The Nitro is known for its great ride, but our HydraLink™ system does so much more. It insures accurate spraying even at high speeds, less overall machine stress and better boom stability. The all-wheel suspension, connected in an X pattern, gives you a great ride in the toughest conditions, meaning you'll be covering more acres in a day—and your teeth won't be rattling at the end of it.

| Boom Open | Front Axle | Rear Axle |
|---|------------|-----------|
| * Tank Full | 46% | 54% |
| * Tank Half Full | 48% | 52% |
| * Tank Empty | 52% | 48% |
| Nitro 5240, 100' boom, 1000 Gal. Tank * Fuel and Rinse Tanks Full, both 150 Gal. | | |





HAVE IT YOUR WAY—FAST

How much can you do with a single sprayer?

With the Nitro 5000, lots. With Miller Quick Attach, you can quickly swap out your spray boom for the Miller Injection Toolbar or even an Oxbo™ corn detassler or a swather.

“Maximum asset utilization”

The Quick Attach system gets right to the heart of your productivity, which means keeping your time getting ready for a new task to the absolute minimum.

FLEXIBLE TO THE MAX

With Quick Attach, you're a master of versatility

NO MUSS, NO FUSS

Talk about maximum asset utilization.

Quickly remove the spray boom, pull up to your Miller Injection Toolbar or other attachment, hook it up and get back to work. Fast.





ALL ABOUT PRODUCTIVITY

Time is money. The Nitro 5000 speeds you up.

| Nitro Models ► | | 5215 | 5240 | 5240 | 5275 | 5275 | 5333 | 5345 | 5365 | 5400 |
|----------------|------------------|------------------------|------------------------------|------------------------------|-------------------------|-------------------------|-----------------|-----------------|-----------------|-----------------|
| Speed Range | Wheel Motor Type | MS 13 Front MS 18 Rear | MW14 Front MS18 Rear 00 Cams | MW14 Front MS18 Rear 02 Cams | MS 18 Dyna Plus 00 Cams | MS 18 Dyna Plus 02 Cams | MS 18 Dyna Plus | MS 18 Dyna Plus | MW24 Dyna Plus | MW 24 Dyna Plus |
| 1 | mph / km/h | 0-13.8 / 0-22.2 | 0-13.1 / 0-21 | 0-11.3 / 0-18.2 | 0-14 / 0-22.5 | 0-13.2 / 0-21.2 | 0-15.1 / 0-24.3 | 0-15.1 / 0-24.3 | 0-10.1 / 0-16.3 | 0-10.1 / 0-16.3 |
| 2 | mph / km/h | 0-17.6 / 0-28.3 | 0-15.4 / 0-24.8 | 0-13 / 0-21 | 0-19 / 0-30.5 | 0-17.8 / 0-28.6 | 0-20.1 / 0-32.3 | 0-20.1 / 0-32.3 | 0-13.2 / 0-21.2 | 0-13.2 / 0-21.2 |
| 3 | mph / km/h | 0-27.2 / 0-43.8 | 0-18 / 0-29 | 0-16.1 / 0-29 | 0-29 / 0-46.6 | 0-26.6 / 0-42.8 | 0-30.1 / 0-48.3 | 0-30.1 / 0-48.3 | 0-19.1 / 0-30.7 | 0-19.1 / 0-30.7 |
| 4 | mph / km/h | NA | 0-22.5 / 0-36.2 | 0-19.9 / 0-32 | NA | NA | NA | NA | 0-23.6 / 0-38 | 0-23.6 / 0-38 |
| 5 | mph / km/h | NA | 0-29.2 / 0-47 | 0-26.1 / 0-42 | NA | NA | NA | NA | 0-31 / 0-49.9 | 0-31 / 0-49.9 |

GET IT DONE. YOUR WAY.

The level of built-in productivity in the Nitro 5000 is, well, huge. But your individual needs are unique, and that’s why we offer so many options to help you decide just how you want to work.

- A wide, full range of booms
- Choice of tank sizes, up to the largest capacity in the industry
- Tread adjust: match your crop spacing requirements with ease
- Turn night into day with the Nitro’s deluxe lighting packages
- Best-in-class Spray Controls ([details on next page](#))

COMMAND CENTRAL:

Knowledge is power. And the intuitive, one-touch, easy-to-master Miller Systems Monitor gives you mastery over your machine by letting you keep tabs on everything you want to know.

- Electric Rinse Option
- Reversing Fan Page
- Foam Marker Page
- Complete Engine Diagnostics
- Speed displays for multiple inputs
- Customizable service reminders
- Color screen, fully programmable



SCS 5000



Envizio-PRO2



ViperPRO



SETTING THE STANDARD

Raven controllers, simply said, have proven to be the benchmark for quality, reliability and performance.



SCS 5000

Simple, economic, reliable.
A hallmark of proven Raven functionality





ENVIZIO AND ENVIZIO PRO II

Super convenience and functionality. Easily navigate through color screens featuring mapping and data logging, spray controls and a full range of precision options. Envizio Pro controls SmarTrax, Autoboom, AccuBoom, chemical injection and more.



VIPER PRO

The ultimate in precision simplified. Wireless-ready computer with 10.4" color touch screen manages all your toughest and most demanding applications with ease. In addition to all the Raven Precision options, it's compatible with standard DGPS receivers. The Viper Pro is the definitive tool for maximum spraying productivity.

| Models  | NITRO | NITRO | NITRO | NITRO | NITRO | NITRO | NITRO |
|--|---|--|--|--|---------------------------|--------------------|---------------------------|
| Specs  | 5215 | 5240 | 5275 | *5333 | **5345 | *5365 | **5400 |
| 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. Chassis Monitoring System | | | | | | |
| Premium SprayView Cab | All standard SprayView features PLUS Grammer Evolution suede leather seat with active suspension, heated and cooled. Leather wrap steering wheel, Auto Climate Control, Bluetooth XM stereo with 4 speakers, lighted cup holder, deluxe dome lights, and foot rests | | | | | | |
| Cummins® Engines | QSB 6.7 Liter Turbo Diesel Tier III | | | QSC 8.3 L Tier III | QSL 8.9 L Tier IV interim | QSL 8.9 L Tier III | QSL 8.9 L Tier IV interim |
| Horsepower | 215 (opt. 240, 275) | 240 (opt. 275) | 275 | 305 (333 bulge) | 320 (345 bulge) | 365 (375 bulge) | 380 (400 bulge) |
| Fuel Tank | 150 Gallon (568 L) | | | | | | |
| Cooling System | Efficient Single Pass "Side by Side" (not layered), hydraulically driven fan with reverse option | | | | | | |
| Transmission | Torq-Trac® hydrostatic drive system with Twin Sauer Danfoss heavy duty pumps | | | | | | |
| Auxiliary Hydraulic Circuit | Choose 31 GPM (117L/min) or 51 GPM (193L/min) | | | Choose 26 GPM (98.4L/min) or 44 GPM (166.5L/min) | | | |
| UltraFlo Hydraulic Pump Option | Independent 48 GPM with Power Beyond Kit | | | Independent 42 GPM | | | |
| Speed Ranges | 3 | 5 | 3 | 3 | 3 | 5 | 5 |
| Service Brake | Hydrostatic | 4 wheel dynamic internal wet disc and oil cooled | | | | | |
| Park Brake | 2 wheel | 4 wheel spring applied | | | | | |
| Steering | Hydrostatic with two steering cylinders. No tie rods. | | | | | | |
| Standard 2 - Wheel Steering | 13.5' (4.1m) radius | | 15' (4.5m) radius | | | | |
| Optional 4 - Wheel Steering | 13.5' (4.1m) radius optional | | 15' (4.5m) radius optional | | | | |
| Tread Width Adjustment | 120" to 160" (305 to 406 cm) 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) varies with tire size | | | | | | |
| Product Tank Options | 1000 gallon (3785 L) poly or SS | 1000 or 1200 gallon (3785 or 4542 L) poly or SS | 1200, 1400, or 1600 gallon (4542, 5300, or 6056 L) Stainless Steel | | | | |
| Rinse System | Manual or optional electric in-cab controls, 150 gallons (568 L) poly tank and 2" QuickFill 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 9307C - 310 gpm @ 80psi (1,173 L/min @ 5.5 bar) | | | | | | |
| Foam Marker Option | Injection System - uses water from rinse tank - in-cab controls - 3 gallons (11.3 L) foam concentrate tank | | | | | | |
| Monobeam Boom Options | 60, 80/60, 90/60, 100/60 (27/18, 30/18, 32/18m) | | 80/60, 90/60, 100/60 (27/18, 30/18, 32/18m) | | | | |
| 120' / 36m Boom Option | NA | 120/70 (36/22m) | | | | | |
| Boom Travel | From 22" (56cm) to 118" (300cm) | | | | | | |
| Spray Controller Options | Raven® SCS 5000, Envizio Pro, Viper Pro | | | | | | |
| Wheelbase | 153" (388cm) | | 177" (183cm) | | | | |
| Dimensions (Shipping) | H: 158" (401cm) / W: 145" (368cm) / L: 338" (858cm) | | H: 158" (401cm) / W: 145" (368cm) / L: 363" (922cm) | | | | |

* Available in the USA until 12/31/2012, replaced with EPA Emissions Tier IV interim models **Available in the USA as of 1/1/2013, replaces Tier III Models

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 2012.



Putting the name Miller on our products is more than a matter of simple pride. It's also our promise to you that we're providing the best products we know how, and that commitment stretches through our whole organization, from our Miller factory team to field support. And it includes our Miller Dealers, too, who provide you with the parts, equipment and knowledge to truly make your Miller a Miller.



Miller
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