

Miller NITRO



Miller Nitro **The Next Generation**

Meet your productivity partner — the new leader in high clearance, front boom technology.

Miller
Since 1899

Go ahead, climb aboard. Ease yourself into the newly designed cab and check out the most productive and robust front-boom sprayer in the business. The Miller Nitro 4000 Series sprayers are a dramatic combination of technology and innovation, creating the most advanced high-clearance sprayers available today.

■ **A New Level of Comfort.**

Your days are long enough—the new Nitro will help them seem shorter. Operator comfort was our number one priority in the new Nitro. Start with the front boom which gives you great visibility and you'll never look back. All new high-back air-ride seat and industry-leading air-ride cab suspension. The controls, including precision farming systems, have been enhanced for operator comfort and convenience. In the "Ultra Quiet" cab, noise levels have been lowered to below the levels of your diesel pickup truck.

■ **Innovative Industry-Leading HydraLink™ Suspension.**

The 4-wheel independent suspension is hydraulically controlled and allows for a suspension travel on each wheel of 20" inches, meaning you'll easily tame the toughest conditions and the roughest terrain. Four leveling valves keep the Nitro suspension level even in hard turns.

■ **Profit-Building Productivity and Versatility.**

We're the leader in high-clearance spray equipment. That means that with the new Miller Nitro, you'll be able to spray late into the season in tall corn. With the availability of front-mount attachments such as swathers, detasslers and our Nitrogen Tool Bar, the 4000 Series Nitro provides an even greater return on your investment. It is truly a full-season sprayer.



Engine Compartment/Location

The rear-mounted engine compartment allows easy access for maintenance and contributes to the outstanding weight balance.

Engine Power

The 4000 Series Nitros feature industry-leading names like Cummins and Mercedes Benz. The engines are electronically controlled Tier III, ensuring great torque rise. A wide choice of horsepower is available to meet your demands.



Narrow Leg Profile

The leg profile was a high priority in designing the 4000 Series sprayer. We kept the edges rounded and the profile narrow in order to minimize crop damage.



Wheel Drive Motors

The Poclair® wheel motors are connected on an X pattern to ensure constant traction. The 4000 Series Nitro features twin Sunstrand hydrostatic transmissions.





■ Rugged Durability.

The Nitro sprayer is known to both custom applicators and farmers as being tough and durable, and the 4000 Series sets a new standard for both. Season after season, nature and hard use can dish out a lot of punishment — the new Nitro will take it standing tall, year after year.

You expect a lot from a Miller Nitro. After all, we set the bar for front-boom sprayers. And once again, we've raised it.

The all-new Nitro 4000 Series: The word is spreading.

■ New Styling.

Looks may not be everything, but don't be surprised if the Nitro 4000's eye-catching new design turns a head or two, starting with yours.

Since 1899, when

John Miller's country store began serving the local farm community in St. Nazianz, Wisconsin, we've been the farmer's partner. We've known for more than a century that in order to be successful as a company, we must be driven by *your* productivity, *your* profitability.

Today, Miller has become a leader in spray technologies, with equipment that meets every test of rugged durability and quality. We've responded to growers' and commercial applicators' needs by investing in R&D and applying sophisticated technologies to make our products better. The Nitro 4000 Series is a great example of innovation aimed at making you more productive and profitable.

Our company's new, streamlined look—simply Miller—represents the simplicity of our mission: *Your Productivity is Our Business.*



Panoramic Vision

Exceptional visibility of the entire boom is a must for long days of operation.

We positioned the main components such as the cab, engine compartment and tanks to provide optimal weight distribution. The tanks have been centered on the machine to ensure equal weight distribution, either loaded or empty.

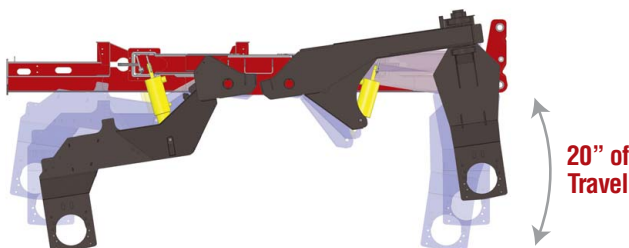
The cab is pressurized, air conditioned and heated and has a charcoal filter to ensure a clean and comfortable operating environment.



Quick Attach System

The quick attach system allows for the easy changing of attachments. You can change from a spray boom to an injection tool bar in just minutes.

HydraLink™ Suspension



Suspension

The hydraulically controlled suspension has an industry leading travel 20". As a result, all wheels stay firmly in contact with the ground at all times.

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Since 1899

**The Nitro 4000 Series:
Impressive
to the Last Detail**



Late season spraying?
No problem with the new
Nitro 4000 series.

4000 Series Specifications	4215	4240	4275	4315 Available Spring 2008	4365 Available Spring 2008
Engine – Tier III (160 amp alternator)	Cummins QSB 6.7 Liter	Cummins QSB 6.7 Liter	Cummins QSB 6.7 Liter	Mercedes Benz OM926 7.2 Liter	Cummins QSL 8.9 Liter
Horsepower	215 Power Bulge 225	240 Power Bulge 250	275	315 Power bulge 322	365 Power bulge 375
Fuel Tank	150 Gallons (568 L)				
Cooling Package	“Side by Side” single pass design (not stacked) hydraulically driven fan				
Engine/Transmission	Located in rear – ISO mounted				
Transmission	Torq-Trac® hydrostatic drive system with Twin Sunstrand heavy duty pumps				
Hydro Pump Displacement	75 cc each		100 cc each		130 cc each
Final Drives	Poclair® MS 11 3-Speed	Poclair® MW 14 5-Speed	Poclair® MS 18 3-Speed		Poclair® MW 24 5-Speed
Parking Brake	2-Wheel	4-Wheel			
Service Brake	Hydrostatic	4-Wheel Internal Wet Disc			
Steering	Hydrostatic with two steering cylinders. Cylinders mounted on top of frame. No tie rods. 15' Turning radius (4,5 m)				
4-Wheel Steering	Optional				
HydraLink™ Suspension	Full suspension travel of 20" (51 cm). 4-Wheel independent with integrated hydraulic leveling/shock absorbers, auto leveling for each wheel leg.				
Crop Clearance	72" (322 cm)				
Wheel Width Adjustment	120" to 160" (305 to 406 cm) Hydraulic adjust Wheels move in/out equally on both sides (operator remains centered)				
Air System	Direct engine driven, water cooled air compressor and air storage tank.				
Auxiliary Hydraulic Circuit	31 GPM (117 L/min) Optional 41 GPM (155 L/min) closed center				
Product Tank Options	1000 gallon (3785 L) Poly or Stainless Steel		1200, 1400 or 1600 gallon (4542, 5300 or 6056 L) Stainless Steel		
Product Pump–Std.	Hypro 9306C – 210 gpm @ 80 psi (795 L/min @ 5.5 bar)				
Product Pump–Opt.	n/a	Hypro 9307C – high capacity – 310 gpm @ 80 psi (1173 L/min @ 5.5 bar)			
Rinse Tank (std.)	150 Gallon (568 L) – Poly				
Boom Options	60' - 75/60' - 80/60' - 90/60' & 100/60' 27/18m - 30/18m & 32/18m		60' - 75/60' - 80/60' - 90/60' - 100/60' & 120/70' 27/18m - 30/18m - 32/18m & 36/22m		
Boom Lines	Optional 1" (2.54 cm) poly or stainless steel				
Cab	“Ultra Quiet” Front Mount, Air Ride, Center line mounted drivers seat				
Dimensions					
Height	158" (401 cm)				
Width (transport)	154" (391 cm)				
Length (boom unfolded)	338" (858 cm)		363" (922 cm)		
Wheel Base	153" (388 cm)		177" (449 cm)		
Boom Travel	Lowered 22" (56 cm) – Raised 118" (300 cm)				
Weight (approx)	24,150 lb. (10954 kg)	24,500 lb. (11113 kg)	25,500 lb. (11566 kg)	25,500 lb. (11566 kg)	26,300 lb. (11929 kg)

Dimensions are approximate and vary depending upon models and tire sizes. Product descriptions or specifications are subject to change without notice. Some features listed or shown may be optional.

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Since 1899

Your Productivity is Our Business

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