



**Miller**  
NITRO 6365

**Miller**  
Since 1899

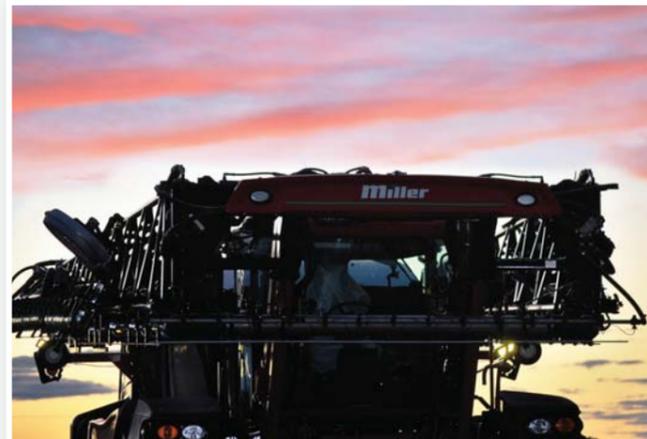
**NITRO** 6000 SERIES



### 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 Nitro 6000 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.



### 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 centre, which is surprisingly comprehensive yet easy to master.

The large touch-screen 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 Premium SprayView 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 gruelling anymore.

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

- Grammer Evolution suede leather seat – including air-ride suspension and head rest. It's heated and vented too.
- Leather-wrapped steering wheel.
- Bluetooth XM radio.
- Auto climate system.
- Rear view camera.
- And much more.

Then there is the instructor's seat, charcoal cab filtration and more.

We built the new Nitro Premium SprayView 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 over 1.8 metres of 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.”

### MILLER SPRAY-AIR TECHNOLOGY

Combining the benefits of both air-assist and air-atomisation into one powerful spray nozzle system, Spray-Air is a much more powerful and versatile application tool with many advantages:

- Droplet control in all applications.
- Superior application control in all conditions.
- Drift control benefits.

The air blast penetrates the thickest crop canopies and drives droplets deep for unsurpassed coverage.

Factory conventional truss boom options up to 41.15 metres (135 feet) are available. 48m pommier aluminium boom also available.



### STAGED SPRAY CONTROL (SSC)

Building on the proven "twin line" spray system, SSC provides operators with a cost effective tool for droplet management. Utilising nozzle-mounted air shut-off valves to switch between two different nozzle sizes, both speed and rate ranges can be extended while staying within the nozzles' ideal pressure and droplet range.

- Cost-effective and simple to use.
- Minimal operator intervention.
- Air solenoids for rapid shut-off and on at the nozzle. No drips.
- Recirculating boom lines for priming and flushing.
- Flexibility with section widths.

“ We have seen excellent results with fungicide applications in cereal crops this season, where the Spray-Air penetrates the canopy and delivers droplets right down to the base of the plants at low water rates. ”

Mike Symes, McIntosh Distribution

**Miller**  
**SPRAY-AIR**

**APPLICATION  
PRODUCTIVITY**

*4500, 5300 and 6100 litre tank options takes your spraying productivity to a whole new level*

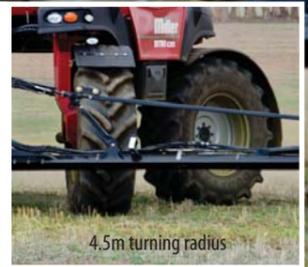




# TIGHT TURNING

*4-wheel steer option — the ultimate in manoeuvrability*

With the 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 minimised and headlands turning is a snap.



4.5m turning radius

- 1 Cummins engine
- 2 Cooling system
- 3 Final drives
- 4 Weight distribution



- 1 Powerful, efficient Cummins Tier III engines provide not just power, but peace of mind too.
- 2 Single-pass cooling system for better efficiency, cooler air flow and easy cleaning.

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

- 3 Revolutionary Planetary Drive system on the 6000 series includes:
  - Electronic transmission control.
  - Traction control.
  - Cruise control.
  - Engine over speed protection.



# GAIN TRACTION

*Stop spinning your wheels – and minimise soil compaction too*





## SMOOTH RIDE

*Award-winning suspension = smoothest field trip around*

## STABLE CHASSIS – STABLE BOOM

*For superior tip-to-target spray accuracy and effective pest control*



### SUSPENSION IS ABOUT MORE THAN COMFORT

The Nitro is known for its great ride, but our HydraLink™ system does so much more. It ensures 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 hectares 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 6333, 6100 litre tank  
\* Fuel and rinse tanks full.

“ It's an awesome piece of gear and we're very happy with it, particularly (my son) Allen, who has been the main operator so far. He's really noticed how comfortable the new cab is and how much easier it is to access the engine. ”

**John Hathaway, Jarahl Ag Contracting, WA**

### REVOLUTIONARY PROPULSION SYSTEM

The all-new Nitro 6000 series 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.

### PLANETARY FINAL DRIVES

The Torque-Hub® planetary final drives deliver high torque and long life, designed to optimise the performance of the Nitro 6000 series.

### GREATER TORQUE AT ALL SPEEDS

The drive motors provide greater torque at all speeds. From starting at a standstill and right up to full transport speed, the drive system maintains full torque at all times.

### INTEGRATED SPEED LIMITING

Integrated Speed Limiting (ISL) allows for hydrostatic braking without overspeeding the engine, while working in conjunction with active wet disc service brakes in each drive hub for outstanding stopping power and operator control.

### FULL-TIME TRACTION CONTROL

Each wheel motor is individually managed by the electronic drive system, preventing the wheels from slipping or spinning out. This ensures superior traction and sprayer control, even in challenging field conditions.

### 4 PROGRAMMABLE SPEED RANGES

The operator is able to set 4 pre-programmed, customised speed ranges, with each allowing full travel of the joystick. Common examples may include a low range up to 8 km/h for manoeuvring in tight places, a working speed and row end turning for in-field, and a road transport range.



# GREATER TORQUE + TRACTION CONTROL

*A drive system optimised for the new Nitro 6000 series!*

### POWER WHEN YOU NEED IT

The Nitro 6000 series is powered by proven, reliable Cummins® Tier III turbo-charged diesel engines.

Model	Litre	HP	Peak HP
6333	8.3	305	333
6365	8.9	365	375



### ANTI-STALL FEATURE

The Driveline Control System integrates with the Engine Control Module to automatically manage the hydrostatic demand to prevent engine overloading, resulting in better overall fuel efficiency.

### NEW TYRE/RIM OPTIONS

The design of the wheel legs have resulted in new wheel options, including:

- Firestone IF380/105R50 177
- Good Year 480/80R42 166
- Good Year CF520/85R42 169
- Good Year 650/75R42 170





### HOW IT WORKS

The patented Shear Guard™ PLUS Air Nozzles, spaced every 25cm (10") along the air boom, atomise the spray droplets using Dial-A-Drop™ technology. This creates the optimum sized droplets, which are not affected by speed and pressure changes, ensuring a uniform application over the entire field. The Air Nozzle 160 km/h plus air blasts the spray droplets deep into the crop canopy, ensuring complete top-to-bottom leaf surface coverage. Due to the smaller controlled droplets and directed air blast, the Air Nozzle allows for very efficient use of water, often in the range of 20-40 L/ha for herbicides and generally from 50-90 L/ha with fungicides.

### FINE DROPLETS FOR COVERAGE, COARSE DROPLETS TO MANAGE DRIFT

The unique Spray-Air system puts instantaneous control of droplet size, spray pattern and the speed of the air blast at your fingertips.

Depending on the situation, you can dial-in the optimum droplet size range on the go to improve coverage, reduce drift potential, or to match ASABE Droplet Classification Standards.

### MAXIMISE PRODUCTIVITY

The superior plant coverage from the use of Spray-Air enables you to use only the minimum amount of herbicide required.

### LOWEST WATER VOLUMES

Use the lowest possible carrier volumes for herbicide, desiccant, insecticide and, especially, fungicide applications.

### FUNGICIDE APPLICATIONS THAT WORK

Spray-Air technology is proven to be the best method to apply fungicides for superior disease control. Benefit from dense canopy penetration and total plant coverage.

### APPLICATION VERSATILITY

Three application methods to choose from:

1. Spray-Air Air Nozzle application to maximise coverage and efficiency.
2. Conventional flat fan nozzles for higher volume applications, especially over 90 L/ha – when coverage is less critical.
3. Use conventional nozzles plus air blast from the Air Nozzle for classic air assist, to maximise coverage in higher volume applications.

# MILLER SPRAY-AIR TECHNOLOGY

- Enhanced coverage
- Superior control
- Maximum efficiency

## FIELD COMPUTERS & PRECISION FARMING

### MAKING IT EASY!

Your new Nitro 6000 series sprayer comes in standard ISO configuration, allowing seamless integration with most field computers, including Viper 4, GreenStar 3 2630, XCN-2050 and Ag Leader displays.

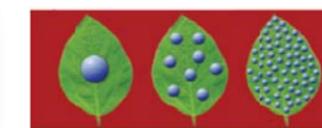


### BUT IF YOU PREFER

Miller makes it is easy for your dealer to install non-ISO platforms to suit your precision farming requirements.

### HAWKEYE\*

Hawkeye is a factory Pulse Width Nozzle System that maintains droplet size as the speed of the sprayer changes.



- Consistent droplet size.
- Less drift as the speed of the sprayer changes.

### FEATURES INCLUDE

- Instant on and off.
- 36 virtual nozzle groups.
- Turn compensation.
- Optional individual nozzle control.

\* Not available with Miller Spray-Air.

# NITRO 6000 SERIES OPTIONS

## BOOM BLOWOUT

Compressed air to clean boom lines and valves can be operated from in the cab. Air is fed directly to the boom so a thorough clean can be completed.



## FENCE LINE NOZZLES

Fitted to both ends of the boom for fence line spraying, or if an overlap spray is required. Two motorised ball valves with hoses, harnesses and switches in the cab can operate automatically, manually as well as separately or together.



## 14 L STAINLESS STEEL EDUCTOR

A 14 L stainless steel eductor uses a venturi suction for induction of both dry and liquid chemical products. Drum rinse nozzle, spring loaded mount and all valves and fittings included.



## 2" BANJO FRESH WATER FILL PUMP

A hydraulically-driven, self-priming poly Banjo 2" fresh water fill pump is mounted behind the main tank. A 2" fresh water suction line on the main dropdown filling arm is delivered to the main tank via a 2" 20 mesh filter and manifold on the left hand rear chassis rail. A 1" line feeds the fresh water tank and a 2" check valve and tap directs flow straight into the bottom of the product tank.



## GRANNI MIX

The granni mix is a 70-litre, rotational-moulded granular mixing tank with calibrated measuring graduations, complete with hopper rinse and drum wash included. A 2 1/2" venturi suction system delivers mixed chemical into the product tank and also has a 1" unmetred suction line for neat chemical.

Mounted on a dropdown arm attached at the front of the machine and can be lowered and raised with an electric winch.



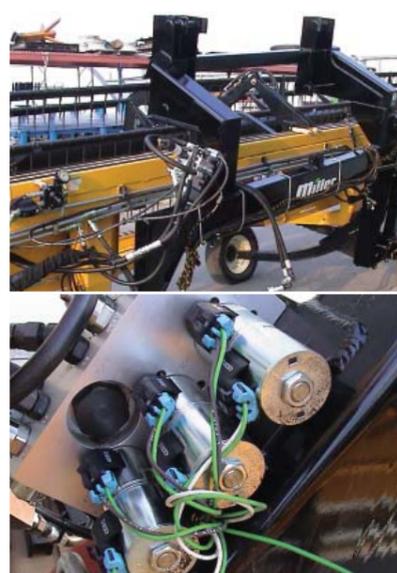
## CHEMICAL TRANSFER PUMP (SCUD)

Used to transfer liquid chemical product from enviros or shuttles into the granni mix tank for measured product delivery. The chemical pump is a Sotera 55 L/min electric transfer pump and comes with a 3 pin micromatic coupler with a 1" Camlock and drum probe. A micromatic flusher is connected to the fresh water tank.



## SWATHER BRACKETS

Kits to suit MacDon D series, Honey Bee combine and Honey Bee swather fronts. Spring suspension and all electrical and hydraulic components for a "standard" front. Maximum front size 12.8 metres (42 feet). Caters for up to three spray sections for spraying under the front. Sprayline not included.



## QUICK ATTACH KIT

The quick attach kit enables safe removal and storage of the boom for other operations. Other operations include swathing, spreading, Weedseeker boom and Nitrogen Toolbar.



## ULTRA FLOW

A dedicated hydraulic pump mounted to the front of the engine's crankshaft provides oil flow for swathers, Spray-Air and other attachments.

The 166 L/minute, 2950psi pump enables the Nitro to operate attachments efficiently. In-cab operator presence safety switch included.



## FLOAT KIT

Contour following function when operating the swather and other ground engaging implements.

A pre-set downward pressure on the implement's gauge wheels is automatically maintained through undulating terrain. This is operated in-cab and is activated or deactivated by the main lift switch on the joystick. This option acts as a "return to cut" function when swathing.



## TELESCOPIC LIFT ARM KIT

Telescoping lower lift arms with hydraulic control valve and adjusting cylinders in lieu of the standard arms used when swathing to control the angle of the front and also assists with multi attachment fitting.



## TOOLBOX

Large, conveniently located toolbox has two doors and can be mounted with the doors opening outside or to the underside of the machine. The toolbox can be installed on either the left or right side of the machine.



Specifications	NITRO	
	6333	6365
Premium SprayView cab	"Ultra quiet" cab with air ride, pressurisation, charcoal filtration, automatic climate control, 2-way tilt/telescope steering wheel, sun visor, Grammer Evolution heated and cooled suede leather seat with air ride suspension and folding instructional seat, leather-wrapped steering wheel, bluetooth XM radio with four speakers, lighted cup holder, deluxe dome lights, rear view camera and automatic courtesy lighting	
Cummins® engine	QSL 8.3 Litre Tier III	QSL 8.9 Litre Tier III
Horsepower	305 (333 Peak HP) 248 kW	365 (375 Peak HP) 279 kW
Fuel tank	568 litres	
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	98.4 L/min (26 GPM)	
UltraFlo hydraulic pump option	Independent 158 L/min (42 GPM) with Power Beyond kit	
Speed ranges	Infinitely 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	4.5m (15') radius	
Optional 4-wheel steering	2 wheel steer: 6.4m (21') radius / 4 wheel steer: 4.5m (15') radius	
Tread width adjustment	305cm to 406cm (120" to 160") centre to centre, hydraulic adjustment standard. Varies with tyre size	
Hydralink™ suspension	4 wheel independent, full suspension travel of 51cm (20"), hydraulic leveling/shock absorbers, auto leveling for each leg	
Ground clearance	183cm (72") to 193cm (76"). Varies with tyre size	
Product tank options (stainless steel)	4542, 5300, or 6056 litres	
Rinse system	Electric in-cab controls, 568 litre poly tank and 2" FastFill connection	
Product pump standard	Hypro 9306C - 795 L/min @ 5.5 bar (210 gpm @ 80psi) capacity at the pump	
Product pump option	High capacity Hypro 9307CWS - 1,173 L/min @ 5.5 bar (310 gpm @ 80psi) with ForceField seal technology	
Foam marker option	Injection system - uses water from rinse tank - in-cab controls - 11.3 litres foam concentrate tank	
Monobeam boom options	80/60, 90/60, 100/60, 120/70	
Truss boom options	120/73, 135/73	
Pommier	27/48	
Spray-Air™ boom options	90/60, 100/60, 120/73	
Boom travel	From 56cm (22") to 300cm (118")	
Wheelbase	450cm (177")	
Dimensions (shipping)	H: 401cm (158") / W: 368cm (145") / L: 922cm (363")	



When you see the Miller name, it's our promise that we're providing the very best product we can. From our factory team to field support and down to our Miller dealers, that commitment of excellence stretches through our entire organisation and touches every product. We are Miller – trusted since 1899.



**Miller**  
Since 1899

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