

Miller
Since 1899



Miller
INTELLIGENCE
NITRO
7000 SERIES

NEVER LOOK BACK WITH MILLER SPRAYERS.



MODEL	TANK SIZE	HP	BOOM WIDTHS
NITRO 7310	4542 L (stainless steel)	285 (rated) 310 (peak) Hp	up to 41.15 m
NITRO 7380	6100 L (standard) 8000 L (optional)	322 (rated) 382 (peak) Hp	up to 48 m
NITRO 7420	6100 L (standard) 8000 L (optional)	373 (rated) 434 (peak) Hp	up to 48 m



SUPERIOR VISIBILITY

Easily monitor every nozzle across the entire boom's length with a Miller Nitro without ever turning around.



SPRAYVIEW™ CABIN

With its vast glass area, the cab offers 270-degree visibility, ensuring an uninterrupted view for enhanced safety and productivity.



MILLER INTELLIGENCE

Miller Intelligence improves your spraying process through seamless connectivity (even with 3rd party screens) and real-time data access.



FUEL SAVINGS

Proven, reliable FPT® Tier 2 turbo diesel engines have increase fuel efficiency, keeping money in your pocket.



UN-MATCHED STABILITY & MANOEUVRABILITY

Experience precise manoeuvrability: safely navigate obstacles with ease and minimise risk of boom damage.



50: 50 WEIGHT DISTRIBUTION

Miller Nitro offers unparalleled weight distribution, ensuring consistent weight distribution between the front and rear axles.



INDUSTRY-LEADING CLEARANCE

Navigate through your fields with confidence while protecting the tallest of crops.

THE CAB YOU LOVE, ONLY BETTER.

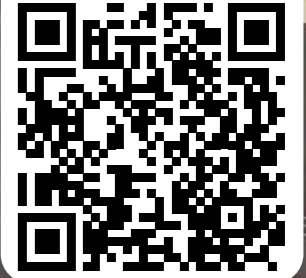
The only cab in the market specifically designed for self-propelled sprayers. Ergonomics, luxury and comfort will get you through long days.



PANORAMIC VISIBILITY

With its vast glass area, the cab design offers 270° visibility, ensuring the operator always has an uninterrupted view of the surroundings.

SCAN FOR A
VIRTUAL TOUR



QUIETEST CAB ON THE MARKET.

59.7 DB

KONDININ GROUP TESTING
PUBLISHED MARCH 2024



“WITH THE VISIBILITY OUT THE FRONT, I DON’T THINK WE CAN GO BACK NOW.” NICK LAWLESS - SOUTHERN NSW

“IT’S QUIETER AND IT’S WAY MORE COMFORTABLE”
JOHN ZIEBARTH - SOUTHERN NSW

COMFORT & SAFETY: OUR PRIORITIES

Safety is always at the forefront for Miller.

With an active carbon filter, the ISO Standard Class IV pressurised cab ensures your safety is paramount.



Easily monitor every nozzle across the entire boom's length with a Miller Nitro without ever looking back.

Giving the operator the ability to instantly spot any changes in conditions and how these alterations impact the spray pattern.

This real-time feedback helps you to make swift adjustments, ensuring precise and effective spray application.

LUXURY APPOINTMENTS: WHEN ONLY THE BEST WILL DO

Designed with the operator in mind, the purpose-built SprayView cab leads the industry in comfort with a wide leather-wrapped, high-back air ride Grammar® evolution seat that ensures every operator stays comfortable, even after an extended day of spraying.

- 1 Instructor Seat
- 2 12V cooler under Instructor Seat
- 3 Radio
- 4 XGrip® phone holder
- 5 Leather-wrapped, high-back air-ride Grammar® seat
 - Heated and ventilated
 - Air-suspended
 - Adjustable height
 - Power-adjustable lumbar

Auto-headlights

Rear camera

Pull down blind

Auxiliary power points

USB ports

Foot pegs

2 adjustable steering columns



SIDEWINDER™ ULTRA CONSOLE

- 1 Manual Fold Boom Controls
- 2 Fluids control
- 3 Working Lights
- 4 Engine Throttle Controls
- 5 Traction Control
- 6 Boom Autofold
- 7 Headlights
- 8 Flashers/Transport Lights
- 9 Axle Width Wheel Thread Adjust
- 10 Ultra Flow Pump/Spray-Air Control
- 11 Boom section Control
- 12 Programmable Spares
- 13 Centre Rack Raise/Lower
- 14 Boom Tilt Adjustment
- 15 Programmable Speed Presets (x2)
- 16 Cruise Speed Adjust
- 17 Master Apply
- 18 Travel Direction Control
- 19 Auto-Steer

**MAKE CRITICAL ADJUSTMENTS
RIGHT FROM THE CONVENIENCE
OF THE CAB.**

DATA & CONTROL AT YOUR FINGERTIPS.



THE MILLER INTELLIGENCE DIFFERENCE

Miller Intelligence ensures that you are always connected to your data and sprayer via the SprayView12[®] screen and MY PLM.



As standard – Miller Nitro 7000 series are fitted with ONE SprayView 12[®] display.

To have more information at a glance, users can opt for:

- Two SprayView 12[®] displays
- One SprayView 12[®] display and one Raven Viper[®] 4+ display
- One SprayView 12[®] display and 3rd party display

ACCESS REALTIME DATA WITH NEW DISPLAYS

Get fingertip control of important and day-to-day operation of your sprayer, whilst providing critical machine data with the 12.1" SprayView 12[®] display.

Easily access on-the-go information at a glance with the Miller Vis2[®] display.



MILLER VIS2[®] DISPLAY

MY PLM

View and record machine data from your home office or mobile device via your My PLM account. You can also allow your dealer's service team access to any fault codes and perform remote diagnostics.

FIELD COMPUTERS

Miller Intelligence is ISOBUS (11783) compliant, allowing you the flexibility to fit a field computer that best suits your needs.

Whether the factory-fitted and supported SprayView 12[®], Raven Viper[®] 4+ with the reliable and proven Raven AutoSteer, or a third party system, you will have a system that works for you and your operation.

YOUR DATA, YOUR CHOICE

FACTORY OPTIONS:

SPRAYVIEW 12[®]



Offers the most connected experience with remote support and monitoring functions, plus a wide range of fully customisable, easy to configure screen configurations and parameters to keep vital information in sight.

RAVEN VIPER[®] 4+



Provides operators the ultimate data management experience powered by Raven Operating Software.

Required for certain spray and boom options.

3RD PARTY



With Miller Intelligence, 3rd Party displays (including John Deere, TopCon, PTX Trimble and AgLeader) can control the application and steering of your Miller Nitro.

Benefit from using the existing precision farming systems in your operation.

MORE GRUNT, MORE POWER, LESS FUEL.

PROVEN PROPULSION SYSTEM

Features the innovative hydrostatic Danfoss pump system with electronically controlled variable displacement bent axis H1 drive motors and seamlessly integrated Dana Spicer final drives.

GREATER TORQUE AT ALL SPEEDS

The Dana Spicer Torque-Hub® planetary final drive motors provide greater torque at all speeds. From a standstill to max transport speed, the system will have the benefit of full torque at all times.

POWER WHEN YOU NEED IT

The Nitro 7000 series sprayers are powered by our own proven, reliable FPT® Tier 2 turbo diesel engines.

MODEL	LITRE	HP	PEAK HP
7310	6.7	285	310
7380	8.7	322	382
7420	8.7	373	434



INTEGRATED SPEED LIMITING

For outstanding stopping power and operator control. Allows for hydrostatic braking without over-speeding the engine, while working in concert with active wet disc service brakes in each drive hub.

ELECTRONIC CONTROL

Fast, responsive, and communicates with the sprayer CANbus network in a seamless integration.

CRUISE CONTROL

Maintain a set speed by automatically adjusting the drive motor displacement with a simple joystick setting.

TRACTION CONTROL

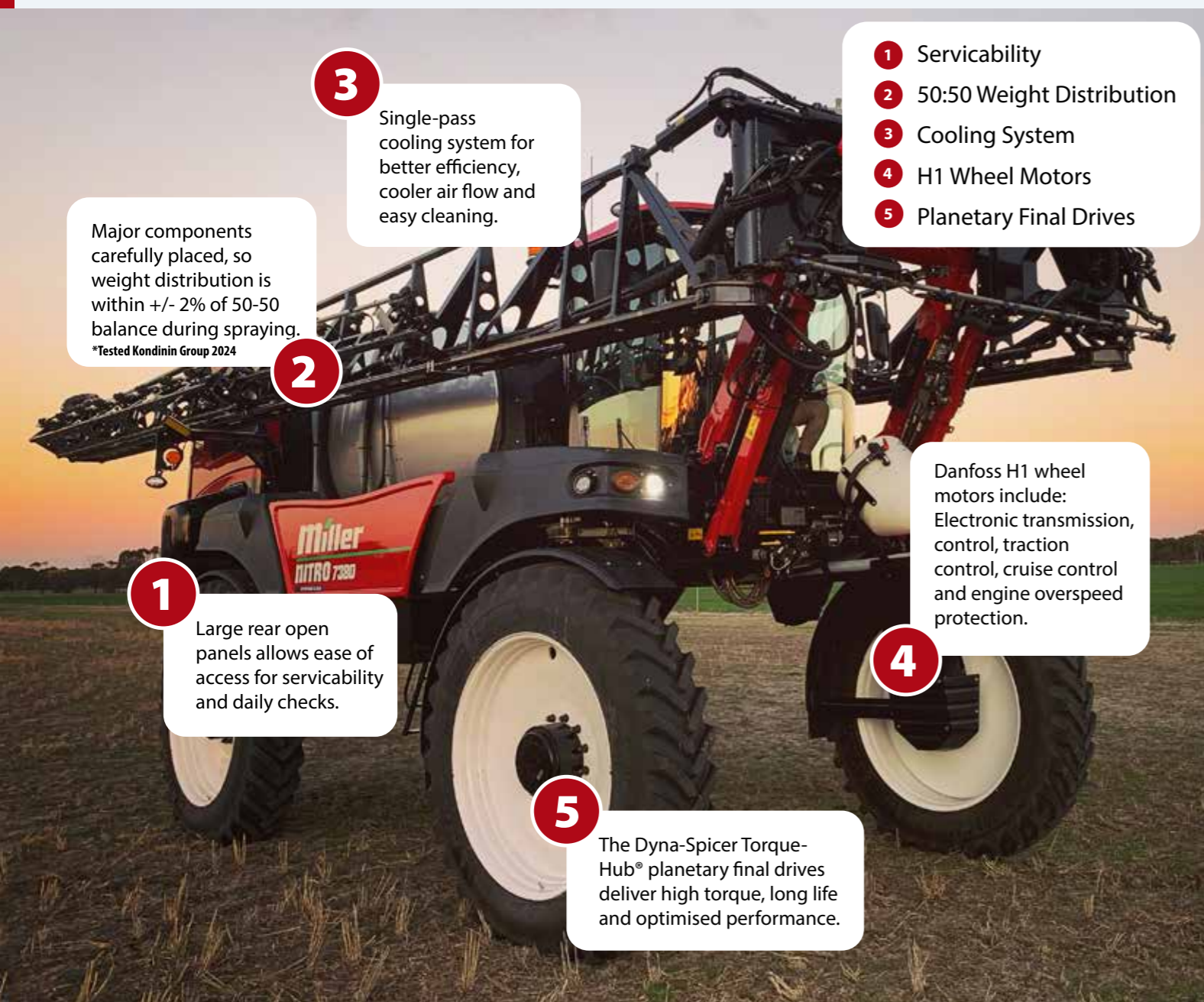
Handle the most challenging field conditions such as mud or soft ground without worry. Each drive motor's speed sensor directly communicates with the electronic controller to automatically sense slippage and prevent wheels from turning faster or spinning out. The traction control system is normally engaged all the time but the operator can limit it if they prefer.

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.

2 PROGRAMMABLE SPEED RANGES

The infinitely variable transmission allows for two pre-programmable maximum speeds at the click of a button. Allows for easy speed changes between spraying and headland turns.



Major components carefully placed, so weight distribution is within +/- 2% of 50-50 balance during spraying.
*Tested Kondinin Group 2024

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

- 1** Servicing
- 2** 50:50 Weight Distribution
- 3** Cooling System
- 4** H1 Wheel Motors
- 5** Planetary Final Drives

2

Danfoss H1 wheel motors include: Electronic transmission, control, traction control, cruise control and engine overspeed protection.

1

Large rear open panels allows ease of access for servicing and daily checks.

4

5

The Dyna-Spicer Torque-Hub® planetary final drives deliver high torque, long life and optimised performance.

TURN ON A DIME

TURNING RADIUS	2 WHEEL STEER (STANDARD)	4 WHEEL STEER (OPTIONAL)	
		2WS MODE	4WS MODE
NITRO 7310	5.5 m	5.5 m	4.6 m
NITRO 7380/7420	4.5 m	6.4 m	4.5 m



ULTIMATE MANOEUVRABILITY: 4-WHEEL STEER OPTION

With the 4-wheel steer option, you'll have the tightest turning radius in the business. Minimise crop damage and headland turn with ease as front and rear wheels follow the same track.



BOOM OPTIONS TO SPRAY YOUR WAY.



BOOM LENGTH OPTIONS	NITRO 7310	NITRO 7380	NITRO 7420
TRUSS BOOM		36.5 m, 41.15 m	
POMMIER BOOM	N/A	48 m	
MONOBEAM BOOM		30 m, 36 m	

SUPERIOR BOOM CONTROLS AS STANDARD

RAVEN XRT BOOM HEIGHT CONTROL

Raven XRT Boom Height Control is a state-of-the-art, radar-based, boom-height control system. It is equipped with five sensors and can be set for either ground or canopy modes.

AUTO-FOLD

Auto Fold allows the operator - with the touch of a button - to unfold the boom and lower to the predetermined spray height. Standard on all booms & models except Pommier booms. Touch the button again and the boom folds back to transport position.



TRUSS BOOM - THE INDUSTRY STANDARD FOR STABILITY



Trusted by growers and spraying operators, the Miller truss boom offers a strong and rigid boom option that can fit modern application technology.

Provides enhanced stability and durability during spraying operations.

Suitable for modern spray applications, including IntelliSpray II™, Bilberry and WeedSeeker 2.

Nozzle Body Options: TeeJet 3 way (Standard).

POMMIER BOOM - PROVIDING WIDTH WITHOUT WEIGHT

Pommier aluminium booms are the solution for growers looking for a larger boom.

Specifically designed and manufactured aluminium patented extrusions ensure maximum strength with minimum weight.

These extrusions provide superior strength while retaining industry-leading lightweight coverage.

Suitable for Bilberry.

Nozzle Body Options: TeeJet 3 way (Standard).



MONOBEAM BOOM - HIGH STRENGTH, SINGLE BEAM BOOM



For more than two decades, farmers have relied on the Miller MonoBeam boom, which is perfect for the operator who is chasing simplicity and ease of operation.

Long, parallel link arms ensure smooth lifting and a tremendous height range from 55 to 300 cm to clear tall crops. Nozzles are located behind the MonoBeam for added protection.

Suitable for IntelliSpray II™.

Nozzle Body Options: TeeJet 3 way (Standard).

SPRAY SMARTER WITH ADVANCED APPLICATION TECH.

SELECT YOUR OWN ADVANTAGE

Whether your chasing individual nozzle control, low application rates or operator simplicity, the Miller Nitro spray application options have got you and your field covered.

SPRAY APPLICATION TECHNOLOGY	TRUSS BOOM	POMMIER BOOM	MONOBEAM BOOM
10 SECTION (AS STANDARD)	✓	✓	✓
INTELLISPRAY II™	✓	✓	✓
SPRAY-AIR™	120' ONLY	X	X

10 SECTION: SIMPLE & RELIABLE

Miller Nitro 7000 series models come standard with 10 section boom plumbing. With nozzles spaced at 250mm, operators can rely on a simple and reliable boom set up.

- Overall boom width is broken up into 10 usable sections for even fluid distribution
- Minimal operator intervention and simple design mean flexibility with section widths
- No more drips! A fast responding air-actuated section valves provides on/off control at the nozzle body
- Recirculating boom lines included for priming and flushing



INTELLISPRAY II™: ADVANCED NOZZLE CONTROL



INTELLISPRAY II™ IS A PULSE WIDTH MODULATION SYSTEM (PWM) AND LEADS THE INDUSTRY WITH A BROAD RANGE OF APPLICATIONS, HIGH FLOW AND PRESSURE RATINGS AND GREATER LEVELS OF ACCURACY.

THE RESULTS = BETTER COVERAGE AND LESS DRIFT.

IntelliSpray II™ is the most precise application system on the market and comes standard with individual nozzle control (field computer dependent), ensuring unmatched consistency and droplet accuracy.

Individual nozzle control helps save chemical usage and over application whilst maintaining constant spray pressure, droplet size and helping reduce possible drift.

Get effective coverage for weeds, diseases and pest control, while maintaining spray rates across the boom - regardless of obstacles and turns.

SAVE TIME & MONEY WITH ACCURATE APPLICATIONS

- Up to 2.5 times more accurate than comparable systems
- 20Hz pulse rate (per nozzle) for better product accuracy
- Multiple modes of operation
- Turn Compensation to avoid over and under applying whilst turning and negotiating obstacles
- Available on all booms up to 48m working width and in 500mm (standard) or optional 250mm nozzle spacing



SPRAY-AIR™: LESS DRIFT, LESS WATER, MORE COVERAGE



THE PATENTED SHEAR GUARD™ PLUS AIR NOZZLES, SPACED EVERY 10', ATOMISE THE SPRAY DROPLETS. THIS CREATES THE OPTIMUM-SIZED DROPLETS, WHICH ARE NOT AFFECTED BY SPEED OR PRESSURE CHANGES, ENSURING A UNIFORM APPLICATION OVER THE ENTIRE FIELD.

ACHIEVE DENSE CANOPY PENETRATION AND TOTAL PLANT COVERAGE WITH ONLY 20 TO 80 L/HA.

When coverage is critical and you need a deep canopy penetration to kill the target pest, be it weed, disease, or insect, look no further than Miller's Spray-Air™.

The unique air nozzle spray system puts instantaneous control of droplet size, spray pattern, and the speed of the air blast spraying into the crop right at your fingertips.

There is no other technology available that will give you coverage as good as this, with the lowest application rates possible.



SCAN FOR MORE INFORMATION

ENHANCED COVERAGE, SUPERIOR CONTROL, MAXIMUM EFFICIENCIES

Combining the benefits of both air-assist and air-atomisation into one spray nozzle system, Spray-Air™ is a powerful and versatile application tool.

- Low water volumes: Utilise minimal carrier volumes (20 to 80L/Ha) for herbicides, desiccants, insecticides, and fungicides applications.
- Maximise coverage: Achieve superior plant coverage with the Spray-Air™ nozzle, using the minimum chemical necessary.



SPOT SPRAY WITH

WeedSeeker® 2



Building on more than 25 years of experience in the field, the WeedSeeker® 2 system brings generational improvement to the spot spraying market, now Miller Nitro owners can enjoy the convenience of adding WeedSeeker's selective spot spraying technology to their Miller Nitro quickly and easily.



HOW IT WORKS

Using advanced optics and processing power, the WeedSeeker® 2 system detects and applies herbicide to weeds. When a weed passes underneath the sensor it signals its linked spray nozzle to precisely deliver herbicide and kill the weed, reducing the amount of chemical applied by up to 90%, making WeedSeeker® 2 an excellent addition to your Miller Nitro.

WeedSeeker® 2 fitted to a Miller Nitro gives you the ability to apply a light rate of herbicide through the overall line, whilst in the same pass applying a higher rate through the WeedSeeker® 2 sensors for larger targets. This ensures any small targets that are not visible to the WeedSeeker® 2 are not missed.

FEATURES:



INTELLIGENT SENSOR

The WeedSeeker® 2 intelligent sensors automatically adjust on the run to changing temperature, ambient light, and backgrounds like soil or stubble, ensuring sensor accuracy in all conditions.



ISOBUS COMPATIBLE

New display not required—use any ISOBUS-compatible display you currently own to monitor and control your WeedSeeker® 2 system.



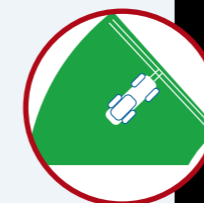
LIGHTWEIGHT SENSORS & CABLING

The lightweight sensor has an expanded coverage area matching the industry standard 50cm spacing of spray nozzles, allowing even the largest booms being outfitted with WeedSeeker® 2.



DAY / NIGHT OPERATION

The innovative sensor system automatically adjusts to light conditions, allowing users to spray day or night.



TURN COMPENSATION & SECTION CONTROL

WeedSeeker® 2 automatically adjusts when you are cornering, ensuring there are no missed targets because of speed-related changes. Automatic nozzle shut-off to avoid overspray in already-treated areas.

ELEVATE YOUR SPOT SPRAYING OPERATION WITH MILLER & WEEDSEEKER 2

SPOT SPRAY WITH



IDENTIFY & SPRAY WEEDS BEFORE YOU DRIVE PAST.

Bilberry, the intelligent spot spraying system is perfectly integrated to your Miller Nitro. With the boom out the front, cameras are not affected by dust, wheel tracks and other elements, giving you ultimate visibility and peace of mind.



HOW IT WORKS

1. The camera analyses the field and provides continuous pictures to the embedded computer.
2. The embedded computers uses a combination of artificial intelligence and agriculture knowledge to provide fast and accurate weed detection analysis in real-time. It generates weed identifications and cell activations on the spray map.
3. In the Miller Nitro cab display, the operator gets full control of the system and can select the weeds to target, the crops to protect and configure the system's accuracy. The console allows for individual nozzle control for more precision.
4. Bilberry cameras can be fitted to selected Miller Nitro booms using an air-actuated folding mechanism.

FEATURES:



GREEN-ON-GREEN/BROWN WEED IDENTIFICATION

An embedded computer with proprietary software analyses field images in real-time, recognising weed species within green crops. The Bilberry System also works for green-on-brown spraying operations.



DIVERSE APPLICATION OPTIONS

The system has highly developed algorithms allowing users to identify specific crops such as: Broadleaf in cereals, grass and blue lupins.



REAL-TIME SPOT SPRAYING

The on-board computer controls spray nozzles in real-time to identify and only spray chemicals on identified weeds.



UP TO 93% CHEMICAL SAVINGS

Cut your chemical expenses by spraying only where weeds are present.



INCREASE KNOWLEDGE OF YOUR Paddock

Generate and store weed maps of each spray to understand your paddock.

ELEVATE YOUR SPOT SPRAYING OPERATION WITH MILLER & BILBERRY

FACTORY FIT OPTIONS.

Customise your sprayer to suit specific operations. From different boom sizes and spray types to application kits and intelligent spot spraying, the options for your Miller Nitro are endless.

FACTORY FIT OPTIONS	NITRO 7310	NITRO 7380	NITRO 7420
60 L GRANNI MIX	X	✓	✓
25 L CHEMICAL EDUCATOR	✓	X	X
SOTERA CHEMICAL TRANSFER PUMP	X	✓	✓
FRESH WATER FAST FILL PUMP	X	✓	✓
DUAL TRACK NOZZLES	✓	✓	✓
SPRAY PATTERN LIGHTS*	✓	✓	✓
AUTO-GREASE	✓	✓	✓
JACKSTAND	✓	✓	✓
TOOLBOX	X	✓	✓
E-KAY CROP DIVIDERS	✓	✓	✓
SWATHING CAPABILITY	X	✓	✓

*Boom dependant



GRANULAR BATCHING VESSELS.

FROM MACHINE TO FIELD – BATCH ON THE GO.

60 L GRANNI MIX

Comes complete with a hopper rinse and drum wash. A 2 1/2" Venturi suction system delivers mixed chemical into the product tank and also has a 1" unmetred suction line for liquid chemical. Mounted on a dropdown arm attached at the front of the machine and can be lowered and raised with an electric winch.

High-speed transfer rate of up to 120 L p/min.



25 L CHEMICAL EDUCATOR

An onboard education system for quick and safe loading of chemicals into spray tanks.

The polypropylene tank comes equipped with tank rinse, designed to wash the hopper completely and a drum rinse valve.

All chemistry is mixed at ground level, ensuring the safety of both the operator and the environment.

High-peed transfer rate of up to 120 L p/min.



BATCHMASTER 1200/1200S

Stand-alone batching system that allows for rapid and thorough mixing. The largest chemical batching unit on the market holding 1200 L, with a washdown gun and operations tower with clearly marked taps. Now available with optional scales .





SOTERA CHEMICAL TRANSFER PUMP

Induct chemical into the Miller Nitro product tank with ease using the 12V Sotera chemical transfer pump.

Opting for a Sotera pump on your Miller Nitro will provide a complete transfer solution to multi-viscosity applications and the versatility needed for your fields.

FRESH WATER FAST FILL PUMP

A flexible filling option with Banjo hydraulic pumps. The Banjo hydraulically driven pump can fill your tank up to 800 L p/minute, meaning you can get back in the paddock as quickly as possible.

Banjo leads the poly pump industry, offering higher pressures and less priming time- plus their motor protection protects the motor in the case of pump failure.



DUAL TRACK NOZZLES

As standard single wheel track nozzles are mounted behind the rear wheels, while the optional dual track nozzles can ensure complete application coverage.

This dual option is recommended for tyre widths greater than 480mm.



AUTO-GREASE

An automatic lubrication system provides extended componentry life compared with manual greasing.

TWO OPTIONS:

Groeneveld SingleLine (Preferred):

Ensures precise lubrication for agricultural applications regardless of temperature.

Groeneveld BEKAMAX EP-1:

Deliver commercial lubricants from NLGI-000 up to NLGI-2 at a working pressure of maximum 280 bar.



SPRAY PATTERN LIGHTS

Optional blue LED lights provide better spray pattern vision during low light and night time applications.

Allows for easier nozzle blockage detection. Includes red end-of-boom LED light for spray width indication.

JACKSTAND

The functionally-designed Jackstand is an optional add-on to Miller Nitro models, allowing operators to easily and safely remove tyres.

Connect the Jackstand underneath each suspension arm to easily remove and change your sprayer tyres.

Note: Bottle Jack not included.





TOOLBOX

A convenient, inbuilt, polyethylene storage space with stainless steel mounting hardware and doors. Two large and convenient storage compartments to store your personal protective equipment (PPE), spare parts and other required equipment.

E-KAY CROP DIVIDERS

Prevent crop damage by up to 90%. These lightweight, spring-loaded pivoting nose cones trip over obstacles such as wash outs, lodged materials and road crossings. Installation of front and rear E-Kay crop dividers on your Miller Nitro can minimise crop damage and yield loss up to 90%.



SWATHING CAPABILITY

Miller Nitro is the ONLY high-clearance self-propelled sprayer that allows a multi-use option; to spray and to swath at the same time. Just take your boom off and replace it with the Miller Nitro swathing attachment with your front. **Kits include:** Quick-attach; Telescopic arms; Flotation Circuit Kit, Ultra-flow hydraulic pump (if required); Boom storage stands.



THE RANGE.



MODEL	TANK SIZE	HP	BOOM WIDTHS
NITRO 7310	4542 L (stainless steel)	285 (rated) 310 (peak) Hp	up to 41.15 m
NITRO 7380	6100 L (standard) 8000 L (optional)	322 (rated) 382 (peak) Hp	up to 48 m
NITRO 7420	6100 L (standard) 8000 L (optional)	373 (rated) 434 (peak) Hp	up to 48 m

MILLER NITRO 7310 (CLASS 3)

TANK SIZE	HORSEPOWER	BOOM WIDTHS
4542 L (stainless steel)	285 (rated) 310 (peak) Hp	up to 41.15 m

POWER WHEN YOU NEED IT.

The Nitro 7310 series sprayers are powered by our own proven, reliable FPT® NEF 6.7 Tier 2 turbo diesel engines.

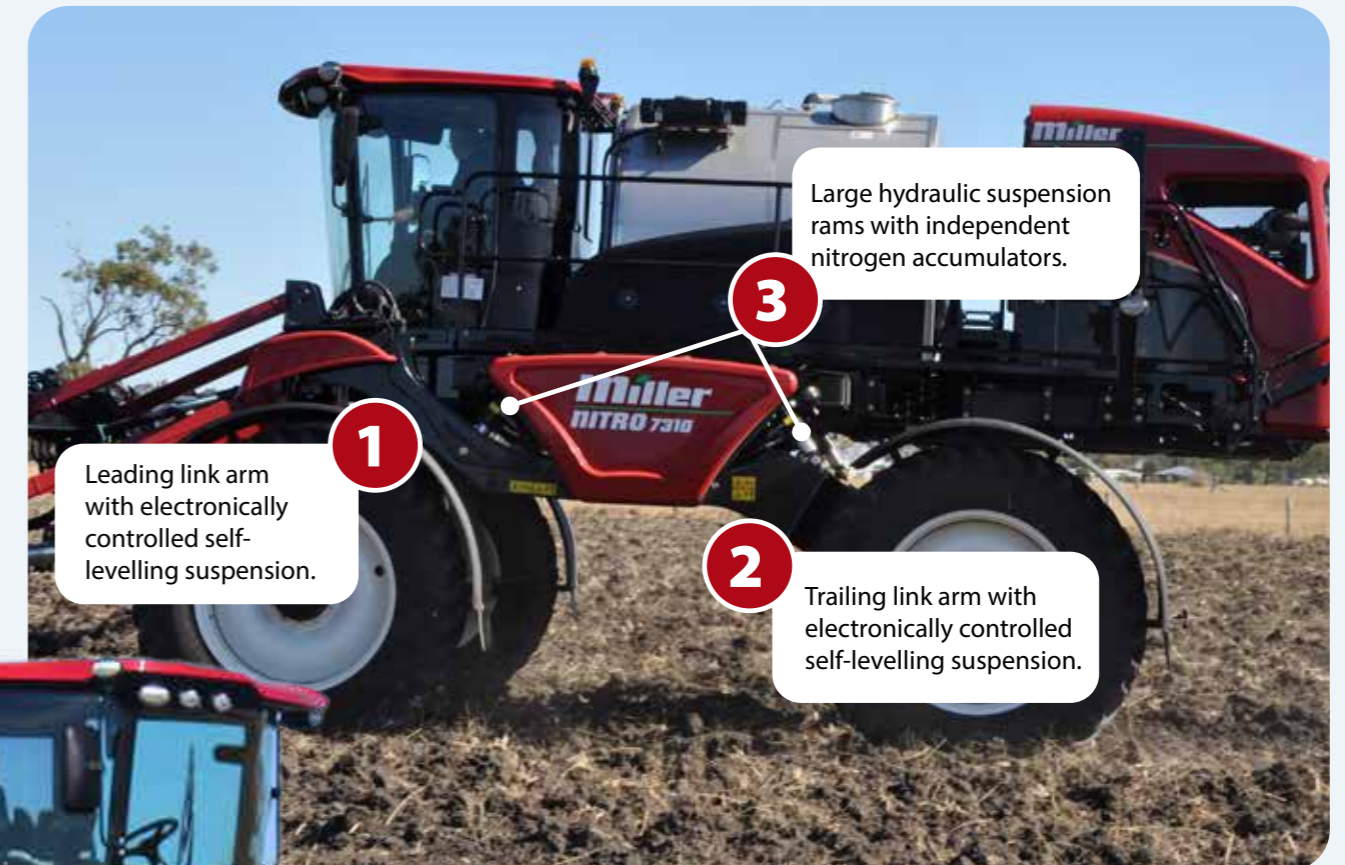
STAINLESS STEEL TANK FOR RELIABILITY.

The large 4500 L stainless tank is not only easy to clean but will help you cover the hectares fast.

UPGRADED SUSPENSION FOR A SMOOTH RIDE.

Electronically controlled suspension is the only way to ensure a smooth, stable and consistent spray application, boasting:

- Self-levelling suspension with hillside compensation
- Independant wheel suspension via a hydraulic cylinders and accumulators
- In-cab adjustable height clearance



MILLER NITRO 7380 (CLASS 4)

TANK SIZE	HORSEPOWER	BOOM WIDTHS
6100 L (standard) 8000 L (optional)	322 (rated) 382 (peak) Hp	up to 48 m



MILLER NITRO 7420 (CLASS 4)

TANK SIZE	HORSEPOWER	BOOM WIDTHS
6100 L (standard) 8000 L (optional)	373 (rated) 434 (peak) Hp	up to 48 m



IT'S ALL ABOUT PRODUCTIVITY.



SUBJECT TO MACHINE SPECIFICATIONS

SWATH AND SPRAY WITH ONE MACHINE.

Miller Nitro is the ONLY high-clearance self-propelled sprayer that allows a multi-use option; to spray and to swath at the same time. Just take your boom off and replace it with the Miller Nitro swathing attachment with your front.



8000 L



6100 L

LARGE TANK OPTIONS TO COVER MORE GROUND.

With a 6100 or a 8000 L option available on the Class 4 Miller Nitro models, you can maximise your productivity and application in the field.

Level up to the large 8000 L tank for when you need to stay in the paddock longer between tank fills.

INDUSTRY-LEADING GROUND CLEARANCE.

Navigate through your paddocks with confidence while protecting the tallest of crops. With a ground clearance of 1.86 - 2 m (tyre-dependent), Miller sprayers set a new standard for crop protection.



SPECIFICATIONS.

SPECIFICATIONS			
Featured in 7000 series			
	<ul style="list-style-type: none"> Ultra-quiet, variable speed pressurisation, charcoal filtration with recirculation filter Air ride cab suspension (7380/7420 only) Grammar Evolution leather seat, heated and vented Self-adjusting air ride suspension leather instructional seat 12 v cooler under the instructional seat 2 way tilt/telescoping steering column, sun visor and auto temperature controls 		<ul style="list-style-type: none"> Leather wrapped steering wheel AM/FM/WX radio, with Bluetooth and MP3, 4 speakers and remote controls X-Grip for mobile device Rear view camera Auto on/off head lights with courtesy lights 110 volt power outlet & USB ports
	NITRO 7310	NITRO 7380	NITRO 7420
FPT Engine	FPT® NEF 6 / 6.7 L Tier 2		FPT® Cursor 9 8.7 L Tier 2
Horsepower / Peak	285 / 310		322 / 382
Fuel Tank	568 L (standard) / 650 L (8000 L tank only)		
Cooling System	Efficient Single Pass "Stacked Bottom To Top" (Not Layered Front To Back) Hydraulically Driven Variable Speed Fan With Auto-Reversing		
Alternator / Batteries	200 Amp / 3 Heavy Duty – 1000 Cca Batteries		
Transmission	Torq-Trac Hydrostatic Drive / Single Danfoss 165 Cc / H1 Series Drive Pump	Torq-Trac Hydrostatic Drive / Single Danfoss 210 Cc / H1 Series Drive Pump	Torq-Trac Hydrostatic Drive / Single Danfoss 250 Cc / H1 Series Drive Pump
Final Drives	Danfoss H1 Series 80 cc Bi-Directional Drive Motors / Dana Spicer CO 24 Torque Hubs		Danfoss H1 Series 110 cc Bi-Directional Drive Motors / Dana Spicer CO 26 Torque Hubs
Travel Speeds	Full Range With 2 User Defined Speed Ranges. 0 – 56 Kph		Full Range With 2 User Defined Speed Ranges. 0 – 51 Kph
Steering	Hydrostatic With 2 Steering Cylinders. With Heavy-Duty Ball Joints. 2 Wheel Steer Radius - 5.5 m.		Hydrostatic With 2 Steering Cylinders. No Tie Rods. 2 Wheel Steer Radius - 4.5 m.
Optional 4 – Wheel Steering	2 Wheel Steer Radius - 5.5 m / 4 Wheel Steer Radius - 4.6 m		2 Wheel Steer Radius - 6.4 m / 4 Wheel Steer Radius - 4.5 m
Adjustable Axle (Hydraulic)	Auto Adjustable / 3.05m – 4.06m (with 380/90R50 tyres)		Auto Adjustable / 3.05m – 4.06m (with 380/95R50 and 420/95R50 tyres)
Suspension	Electronically Controlled 4 Wheel Independent, Self-Levelling Suspension With Hillside Compensation	Hydralink™ 4 Wheel Independent, Full Suspension Travel Of 51 cm, Hydraulic Leveling/Shock Absorbers, Auto Levelling For Each Leg	
Crop Clearance	185 To 200 Cm Dependent Upon Tyre Size		
Product Tank Options	4542 L Stainless Steel With 3" Fill Connection		6100 L Or 8000 L Stainless Steel With 3" Fill Connection
Rinse system	568 L Poly Tank With 2" Fill Connection. Electric Standard / Auto Rinse Optional		6000 L Units - 568 L Poly Tank With 2" Fill Connection. Electric Standard / Auto Rinse Optional 8000 L Units - 650 L Stainless Steel Tank With 2" Fill Connection. Electric Standard / Auto Rinse Optional
Product Pump	Hypro 9306C 795 L/min @ 5.5 Bar Capacity At Pump		
MonoBeam Boom Length Options	24/18 m, 27/18 m, 30/18 m, 36/18 m		
Truss Boom Length Options	36.5/22 m, 41.15/22 m		
Pommier Boom Length Options	N/A		48/27 m
Spray-Air™ Boom Length Options	N/A		120/73'
Boom Travel - MonoBeam	N/A		56 to 300 cm
Boom Travel - Truss	N/A		76 to 320 cm
Lift Arm Travel	260 cm		N/A
Nozzle Boddies	3 Way Turret		
IntelliSpray	Optional – available in 250mm or 500mm Nozzle Spacing		
Field Computer Options	Single SprayView 12 / Dual SprayView12 / Raven Viper 4+ /3rd Party Compatible with Ag Leader, TopCon, John Deere, Trimble ISObus Platforms		
Wheel Base	N/A		450 cm
Dimensions (Shipping) - Dimensions can vary depending upon options	Height: 3.89 m MonoBeam W: 4.14 m / Truss W: 4.65 m	Height: 3.68 m / MonoBeam W: 3.69 m MonoBeam L: 10.05 m / Truss W: 4.42 m / Truss L: 10.54 m	Height: 3.68 m / MonoBeam W: 3.69 m MonoBeam L: 10.05 m / Truss W: 4.42 m / Truss L: 10.54 m
Tyre Options	480/80 R42 / 520/85 R42 / Other Sizes Available On Request		VF420/95 R50 / VF480/80 R50 / IF520/85 R42 / VF580/85 R42 / 650/65 R42

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