

GUARDIAN™ SELF-PROPELLED FRONT BOOM SPRAYERS

SP310F | SP370F | SP410F



Never Look Back.

The all-new Guardian™ Self-Propelled Front Boom Sprayers combine rugged construction and innovative design with precision technology and enhanced comfort to make you more productive all season long. **Our ground-breaking front boom design** gives you the best view of what lies ahead. So, hop into a Guardian™ Front Boom Sprayer and Never Look Back.



Guardian™ Front Boom Sprayers

New Holland Model	Engine Disp.	Engine Type	Rated (HP)	Peak (HP)	Frame Type	Tank Size (US Gal)	Boom size (ft)	Dry Weight lbs
SP310F	6.7	FPT NEF6 Tier 4B	285	309	Standard	1000, 1200	90, 100, 120, 132, 135	28500
SP370F	8.7	FPT Cursor Tier 4B	328	369	Large	1400, 1600	90, 100, 120, 132, 135	32500
SP410F	8.7	FPT Cursor Tier 4B	382	412	Large	1600	90, 100, 120, 132, 135	33920



Step into your comfort zone.

When you enter the Guardian™ Front Boom Sprayer, you step into the next level of spraying innovation. The ultra-quiet cab is specifically designed to maximize your comfort, visibility, control and productivity. Your view from the cab provides complete, unrestricted visibility of all nozzles for unmatched operator comfort.

The wide air-ride seat ensures you stay comfortable even after extended spraying hours. You'll appreciate the expansive field of view and the full width of the spray boom. Details like foot pegs on the steering column, auto climate control, Bluetooth® and XM radio, color rear-view camera, backlit dimmable switches, and optional electric mirrors all contribute to exceptional and unexpected comfort.

Luxury cab option includes a heated and vented Grammer leather trimmed seat with self-adjusting air suspension, height adjustment and power lumbar, leather trimmed instructional seat, a 12-volt fridge under the instructional seat, leather-wrapped steering wheel, auto on/off headlights, a spring-loaded RAM® X-Grip® cell phone holder and 110-volt power outlet.

Cover more acres per hour with industry-leading size and power.

With up to 78 inches of crop clearance and four-wheel independent hydraulic suspension, the Guardian™ sprayer provides the performance you need to work late in the season, plus offers the smoothest ride in the category to help you get through those long days. An industry-leading 50/50 weight distribution provides equal weight to all tires to maximize power to the ground. A direct 4-wheel drive system with full-time traction control helps reduce ground compaction.

- Tank Size 1600 Us/gal (4500L)
- Boom Sizes up to 135' (41m)
- Horsepower up to 412

Raven VSN® Visual Guidance System

Guardian™ sprayers come factory equipped with the industry-leading Raven VSN® visual guidance system. VSN® is a non-contact, camera-based unit that transforms machine guidance through emerged to full canopy crops. It feeds highly precise, instantaneous crop row information to the RS1™ Receiver allowing the sprayer to adapt to row variances in real-time – so crops remain unharmed. VSN® enables you to drive at speeds up to 20 mph, so you can cover more acres in a day while maximizing yield and ROI.

Make critical adjustments right from the convenience of the cab.



Manual Fold Boom Controls

Plumbing & Boom Control

Programmable Lighting

Engine Throttle Controls

Traction Control

Boom Autofold

Headlights

Flashers/Transport Lights

On/Off/Index-Section Controls



The Guardian™ sprayer control systems give you fingertip command of all the spraying and chassis functions from the convenience of the operator seat.

The newly updated cab features the PLM Intelligence™ Integrated SideWinder™ Ultra armrest for improved operator comfort and productivity. The multi-function handle keeps critical functions, including HVAC and Audio controls, at your fingertips and features customizable buttons to suit your operating style.



Increase control and productivity with integrated solutions.

Take control of your cab with dual displays.

The IntelliView™ 12 and Raven Viper® 4+ displays are intuitive, customizable and ready to meet the unique needs of your operation. Monitor your machine's vital functions at a glance, including suspension information, liquid management control, auto rinse functionality, 4-wheel steering, tread width adjustments and so much more.

Receive real-time information on the go.

- IntelliView™ 12 display monitors chassis settings and other information, including HVAC, radio and lighting controls, phone settings and more.
- Viper® 4+ is the operator interface for product application control and RS1® Guidance
- A-Post display continually displays operating functions of the chassis, including speed, rpm, pressures, temperatures and fuel level. Mounted on the A-Post in the cab, it never obscures your line of sight to the spray boom.

Our back-up camera has your back.

A standard back-up camera automatically activates when you put the sprayer in reverse, letting you see traffic behind you during transport.



Keep your machine connected and on-target with PLM Connect.*

Experience the value of seamless connectivity across your operation with MyPLM™ Connect portal. With key chassis and machine information streaming into MyPLM™, you can expand your vision and accuracy in the field while increasing confidence in applications across varying conditions. All Guardian™ sprayers come equipped with the Raven RS1 device – a powerful, scalable solution for GPS, autosteering and machine diagnostics. MyPLM™ will help you:

- Organize fields, applications and agronomic data
- Visualize agronomic data and applications
- Monitor machine location and coordinate your fleet
- Monitor current and historical machine performance

*Includes 5-year subscription to MyPLM™ Connect



Maximize your spray coverage and precision.

More than 6 feet of clearance for late-season work

Guardian™ Front Boom Sprayers offer a clearance of up to 78 inches (193 cm), enabling you to work late in the growing season. For truck transport, the two-position suspension allows you to easily lower overall height to 153 inches (12.75 ft.) from the operator's seat.



One touch Auto Fold

Your new Guardian™ sprayer features a one touch Auto Fold system that enables you to unfold or fold the spray boom with the touch of a button. When unfolding the spray boom, the system will automatically go to an operator preset spray height.



Optimize your coverage with IntelliSpray™ II.

The next generation of advanced spray technology has arrived. IntelliSpray™ II offers the most precise nozzle control system on the market, and comes standard with individual nozzle control, ensuring unmatched droplet coverage accuracy. Save time and money by optimizing coverage, minimizing skips and overlaps and reducing input costs. The IntelliSpray™ II pulse width modulation system leads the industry with a broader range of applications, higher flow and pressure ratings and a greater level of accuracy.

- Accurate droplet coverage up to 2.5x more accurate than comparable systems
- Higher 20Hz pulse rate for better product accuracy
- Up to 17% increased flow and operating pressure
- Six modes of operation: Standard, Bypass, Variable Pressure, High Flow, High Flow VP, On/Off

Engineered to minimize drift reduction in three ways:

1. 8:1 speed range ensures the right amount of product is applied and consistent spray droplet size is maintained across a wide range of field speeds.
2. Pressure Control with 2 pre-set pressures. Having preset pressures allows operators the flexibility for selective drift control in sensitive field areas.
3. Turn Compensation to ensure the nozzles are not over or under applying while spraying on curves. Individual NCVs adjust their PWM duty cycle to maintain the proper flow for achieving the desired rate across the width of the boom.





Keep equipment running and minimize downtime with our Top Service™ program.





Top Service™ support minimizes downtime.

When you're working under tight timelines and tough conditions, keeping your equipment running is vital. New Holland's Top Service program fights downtime by providing the parts and service you need in the shortest timeframe possible.

Uptime Support for fast assistance.

The Top Service program uses the entire CNH Industrial network of parts depots, manufacturing plants and suppliers to find the fastest solution. Dedicated logistics and resourcing teams work to get you the part or service you need fast. An Uptime Support request is the highest priority request type offered by CNH Industrial. After your dealer places a request, the Top Service team goes to work to find the best and quickest solution.

Expedited solutions

With Uptime Support, normal logistical barriers are eliminated. Get expedited solutions from your dealer with features including:

- No order entry cut-off time
- No shipment size limitations
- No minimum or maximum order requirements

Contact Your Dealer

Farming never stops, and we're here to help you keep moving forward. Contact your local New Holland dealer today about the Guardian™ Front Boom Sprayer and Never Look Back.



SUPPORT AT EVERY STEP.

When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service, and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

Learn more at www.newholland.com

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.