

# GUARDIAN™ SELF-PROPELLED FRONT SPRAYERS

SP.295F | SP.300F | SP.345F | SP.400F



# NEVER LOOK BACK

Step into a Guardian™ front boom sprayer from New Holland and you won't look back. Guardian front boom sprayers cover ground faster, reduce downtime and maximize acres sprayed per hour. In short, they allow you to do more with every minute of your time.

## FRONT BOOM –THE SMART WAY TO SPRAY

With the boom in front, you get the best visibility without looking over your shoulder. Nozzles are located behind the front boom, so you have a complete, unrestricted view of every nozzle. Greater visibility means you can run the boom closer to the ground to reduce drift.

## COMFORT ZONE

The new state-of-the-art Guardian cab offers a wide array of industry-leading features that make long days seem shorter. Superior visibility and comfort make a big difference in your day. This new cab is wider and longer so you have more room. There's more glass area too, for exceptional visibility from the tires to the left and right boom tips. Curved rear cab windows also improve your visibility behind the sprayer.

## CHOICE OF CAB, DISPLAY AND FOUR-WHEEL STEERING

Choose either the Guardian Deluxe cab or the upgraded Luxury cab option for even greater functionality and comfort during the long spraying season. You also have the choice of adding the IntelliView™ IV display or the ability to select a Raven display option. Four-wheel steering is now available as an option to minimize crop damage when turning on headlands.

## POWER AND SIZE FOR MAXIMUM PRODUCTIVITY

Check out the new SP.400F model with the next generation planetary drive system for maximum power transfer to the ground. This feature combines horsepower, tank size (up to 1600 US gal) and a 135' boom to make the SP.400F the industry leader when it comes to productivity.



## GUARDIAN™ FRONT BOOM SPRAYERS

Models	SP.295F	SP.300F	SP.345F	SP.400F
Horsepower (kW)	300 (224)	300 (224)	320 (239)	380 (283)
Chassis length, ft. (m)	28.2 (8.6)	30.3 (9.2)	30.3 (9.2)	30.3 (9.2)
Wheelbase, in. (cm)	153 (389)	177 (450)	177 (450)	177 (450)
Tank Size, gal (l)	1000 or 1200 (3785 or 4542)	1200, 1400 or 1600 (4542, 5300 or 6057)	1200, 1400 or 1600 (4542, 5300 or 6057)	1200, 1400 or 1600 (4542, 5300 or 6057)
	Poly or Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Boom Size, ft (m)	90, 100, 120, 132 and 135 (27, 30, 37, 40 and 41)	90, 100, 120, 132 and 135 (27, 30, 37, 40 and 41)	90, 100, 120, 132 and 135 (27, 30, 37, 40 and 41)	90, 100, 120, 132 and 135 (27, 30, 37, 40 and 41)



### CHECK OUT THE ENTIRE GUARDIAN™ SERIES

New Holland offers the widest range of self-propelled sprayer models to fit the needs of your operation. In addition to the four front boom models, New Holland also features two rugged rear boom models plus the new SP.300C Combo Dry/Combo Liquid unit. Your New Holland dealer stands ready to answer your questions and back you with trusted parts and service support. Visit your local New Holland dealer today and check out the entire Guardian™ Sprayer lineup.

### SMART CONTROLS

All controls are situated perfectly for easy operation. The new multi-function handle puts all critical function controls at your fingertips for precise, efficient control of the transmission, throttle, boom and individual sections. The convenient armrest command console is mounted on the seat and moves with the operator. Large switches are backlit and dimmable so they are easy to see and use. The engine/transmission monitor located at the front of the armrest provides clear, on-the-go information. These SMART controls combined with automatic section control, boom height control and auto-guidance systems make the Guardian sprayers convenient to operate while reducing input costs and the ability to cover more ground faster than ever.



## MORE ACRES PER HOUR

It's all about doing more with less time. Guardian™ front-boom sprayers cover ground faster, reduce downtime and maximize acres sprayed per hour. These sprayers feature highest ground clearance, tightest turning radius and smoothest suspension in the industry. Combining these outstanding features with the highest horsepower and largest tank size ensures maximum spraying productivity.

### UPTO 400 HORSEPOWER WITH POWER BULGE

The Guardian™ Front boom sprayer line-up includes four models up to an industry leading 400 horsepower with power bulge. Choose from two chassis sizes and three engine horsepower levels at 300, 320, and 380 horsepower.

### TANKS UPTO 1,600 GALLONS

For the SP.295F model, choose a 1,000 or 1,200 gallon tank in poly or stainless steel. For the SP.300F, SP.345F and SP.400F models, choose a 1,200, 1,400 or industry-leading 1,600 gallon stainless steel tank for fewer refill stops.

### MANY BOOM OPTIONS UPTO 135 FEET TO COVER ACRES FAST

In addition to the rugged mono-boom options, front-boom Guardian sprayers can now also be configured with the new truss-style booms in 120', 132' and 135' widths. The new Spray-Air® boom is also available in widths up to 120' for crops demanding maximum spray coverage and crop canopy penetration. All boom options feature hydraulic suspension that allows the boom to stay level to the ground for accurate spraying even on rough terrain – so your operator can work at higher ground speeds while still achieving consistent product application. For smooth and level automatic boom height control, all Guardian sprayers can be equipped with the optional Raven AutoBoom® UltraGlide system.

### IDEAL BALANCE

A 50/50 weight distribution allows each tire to share the load equally, maximizing power to the ground. All components are equally placed to ensure the rear tires and axles do not sink in wet areas. This eliminates the need for duals on the rear axle and minimizes crop damage.

### NEXT-GENERATION NOZZLE TECHNOLOGY

Guardian sprayers configured with the mono-boom option can also take advantage of the new, revolutionary Raven Hawkeye™ nozzle system, which features its own individual pulsing valve to control each nozzle. This technology provides more flexibility to select operating speed, with the added benefit of increased spray consistency and maximum crop coverage. In addition, the system includes nozzle-by-nozzle turn compensation as standard equipment.



### TURN ON A DIME WITH LEADING MANEUVERABILITY

The SP.295F model boasts an industry-leading tight 13.5-foot turning radius. The larger frame SP.300F, SP.345F and SP.400F models feature an exceptional 15-foot turning radius for reduced crop damage, faster spraying around corners and safe, efficient movement in tight situations around the farm. For ultimate maneuverability, four-wheel steering is available as an option on all models which allows front and rear wheel tracks to align, reducing crop damage, and also increasing maneuverability on side hills.

### SEASON-LONG VERSATILITY

The industry-leading six-foot ground clearance and hydraulically adjustable tread width means you can spray all crops at any time during the growing season. You can respond quickly when conditions warrant and adjust tire tread width hydraulically in-cab to easily match row spacing. To handle double duty, you also have the flexibility to mount the Injection Toolbar, swather header, or corn detasseler to your Guardian™ front boom sprayer.

### THE LIGHT YOU NEED

Sixteen adjustable, powerful halogen and HID lights work in combination to allow you to keep spraying when conditions are right to work late. In addition, new auxiliary lighting package now includes LED lights mounted on the cab, mirror brackets, boom and fender locations for enhanced visibility in all conditions. The auxiliary lighting package also provides convenient engine compartment and fill-station lights for night application, along with ingress/egress lighting for entrance to cab in low-light situations.

## GUARDIAN™ FRONT BOOM SPRAYERS

Model	SP.295F	SP.300F	SP.345F	SP.400F
Engine, Tier 4B	6.7-liter QSB	6.7-liter QSB	8.9-liter QSL	8.9-liter QSL
Horsepower (kW)	300 (224)	300 (224)	320 (239)	380 (283)
Power Bulge (kW)	310 (231)	310 (231)	345 (257)	400 (298)



## SMART CONTROL WITH EASY SERVICE

You spend more time in your sprayer than any other piece of machinery on the farm. That's why Guardian™ front boom sprayers offer an intelligent design to make operators more comfortable and efficient, even after long hours on the job. So why not give your body a break... and never look back.

### AN EASY VIEW TO ALL NOZZLES

The front boom gives you an unobstructed view of all nozzles with very little movement of your head. The nozzles are located behind the front boom where you can see them clearly, without craning your neck or shifting in your seat. An in-cab adjustable sunscreen on the front windshield gives shade while providing a clear unobstructed view of the front boom assembly.

### MORE ROOM, MORE GLASS

The new cabs are wider and longer with more glass area for exceptional visibility from the tires to the left and right boom tips. Curved rear cab windows also improve your visibility if there is ever a need to look over your shoulder.

### INDUSTRY-LEADING RIDE

Expect the best in operator comfort and ride with reduced machine stress. These features combined with better boom stability provide unmatched spray accuracy at high speeds.

### LOW NOISE

It's quieter on board a Guardian sprayer so you can actually hear yourself think. With the engine mounted in the rear, the noise level is extra quiet, reducing fatigue and allowing you easily focus on the work ahead.

### WORK LATER IN THE SEASON

Up to six feet of clearance results in minimum crop damage when spraying late in the season.





## NEW! TWO CAB PACKAGES

The roomy, quiet Guardian cab is now available in two configurations: Deluxe or Luxury. Both are pre-wired from the factory for New Holland IntelliSteer™ auto-guidance and offer an instructor's seat, radio with CD player and weather band, auxiliary power outlet, and an adjustable tilting and telescoping steering column. Both cabs include active charcoal filtration with in-cab secondary filter.

The **Luxury cab package** features set-and-forget automatic climate control and the new Grammer Evolution high back suede leather seat. It's fully adjustable, heated and vented, too. The steering wheel is also leather-wrapped and you get enhanced radio with XM Satellite, Bluetooth and more luxury features. In addition, the cab is equipped with USB charge ports, RAM X-Grip® mount for cell phones and a rear back-up camera.



## INTELLIVIEW™ IV MONITOR

The IntelliView™ IV color, 10.5-inch, touchscreen display is available as an option from the factory. In addition to monitoring all sprayer functions, the IntelliView IV monitor allows you to control boom height, section controls, prescription applications and auto-guidance (if so equipped) – all from one monitor. The display offers direct USB connectivity for data collection, and can provide summaries for product applied and area worked – by farm, by field, by operator, by crop and more.

## NEW RAVEN DISPLAY OPTIONS

If you prefer, you can request your Guardian™ sprayer with Raven precision options factory installed. Choose the Raven Envizio Pro™ XL, Viper Pro™ or Viper® IV controllers or full precision application, mapping and datalogging.

Guardian's come standard equipped with the upgraded 7" touchscreen which displays important information such as engine, DEF, electronics, transmission and plumbing operations. In addition, the display works in conjunction with a rear backup camera that comes with the Luxury Cab option.



A new removable sealed **Toolbox** is now available.

## QUICK TURNAROUND

The fast fill station located at the front of the sprayer makes turnaround fast. Just pull up to your water truck and all fill controls are easy to reach and located at ground level in one area.



## EASY ACCESS

Guardian sprayers make every minute count with easy maintenance access. The automatic retracting rear ladder is wider and longer for easier climbing and dismount. A large platform and easy engine access from above or below reduce maintenance time and increase safety and accessibility to all major sprayer components.

## OPTIONS IMPROVE PRODUCTIVITY

- **Optional pressure washer** keeps machine clean.
- **Under sprayer belly pan** option of late season spraying of tall crops such as tasseling corn.
- **Boom Blow Out System** for quick transition between products and for convenient storage.

## RUGGED, RELIABLE PERFORMANCE

Rugged and durable Guardian™ front sprayers decrease downtime and provide you with the reliability you need to spray when you need to, as long as you need to, and maintain their dependability and value for years.

### 20 INCHES OF SUSPENSION TRAVEL

A hydraulic and nitrogen accumulator suspension system with an industry-leading 20-inches of suspension travel takes the pounding of uneven terrain and reduces stress on sprayer and operator. It also improves spraying accuracy and maintains all-wheel stability and traction.



### STRONGER FRAME

Guardian frames are made with a higher class of steel – 100,000-psi yield-strength steel to be exact. This stronger steel is also substantially lighter in weight than conventional steels to keep overall weight as light as possible. You can be assured the rugged, durable Guardian construction will serve you well for many seasons.

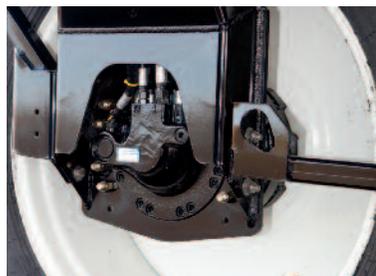
### SINGLE-PASS COOLING SYSTEM

The New Holland single-pass cooling system allows for more efficient and cooler air flow as compared to a “layered” system. Instead of modules being positioned front to back, they are stacked, so all receive the benefit of the same, cool air flow. The high-volume fan pulls air through the entire system in a single pass, allowing for more efficient flow of cooler air through all of the cores for maximum efficiency.



### SIMPLE, DURABLE DIRECT-DRIVE SYSTEM

The SF.295F, SF.300F and SF.345F feature the efficient Poclair® wheel motor direct-drive system. The SP.400F features the next generation of planetary drive systems consisting of Danfoss wheel motors combined with Oerlikon Fairfield Torque Hub® gear-box drives for ultimate power transfer to the ground. In addition, cruise and traction control have been included as standard equipment on the SP.400F.



Poclair® Drive



SP.400F Planetary Drive

## GUARDIAN™ SERIES INJECTION TOOLBAR

# FEED YOUR CORN – WHERE AND WHEN IT NEEDS IT MOST

New Holland Guardian™ Injection Toolbar applies liquid fertilizer between the corn rows and into the soil root zones, precisely where your crop needs it most. Designed for Guardian front boom sprayers, the Injection Toolbar fuels corn growth by applying liquid N just before maximum uptake and during critical growth periods prior to tasseling.

### NO CROP BURNING

Unlike broadcasting liquid or dry fertilizer or applying NH<sub>3</sub>, the Injection Toolbar incorporates liquid N into the soil to prevent crop burning. Coulters on the Injection Toolbar eliminate leaf contact and potential vapor damage to leaves and roots caused by NH<sub>3</sub>.

### MINIMIZE FERTILIZER LOSS. MANAGE INPUT COSTS

Surface-applied liquid fertilizer is at risk of loss due to volatilization. Without sufficient rainfall, 30% may be lost within two weeks of the application. Nutrients may also be tied up in surface residue. With the Injection Toolbar, you can adjust or increase application rates in favorable growing conditions or, in poor conditions, forego the cost of applying and wasting expensive fertilizer.



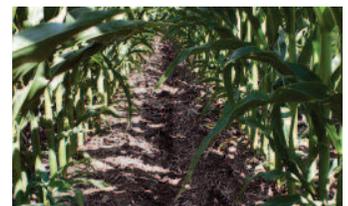
The convenient Guardian™ Quick-Attach option allows you to separate the Injection Toolbar from the chassis quickly and easily.



The Guardian™ Injection Toolbar folds for convenient road or field transport.



High lift clearance helps the coulters clear crops and obstacles at the headlands, minimizing the potential for damaging corn stalks.



The Injection Toolbar delivers precise injection of fertilizer into the root zone, where your crop needs it most..

MODELS	26 Foot	36 Foot	38 Foot	41 Foot
	11 standards at 30 in. spacing. Hydraulic fold. Four gauge wheels. 312 in. (7.9 m) width.	15 standards at 30 in. spacing. Hydraulic fold. Four gauge wheels. 432 in. (11 m) width	12 standards at 40" spacing for 20" rows 452 in. (11.5 m)	11 standards at 44" spacing for 20" rows 452 in. (11.5 m)
<b>TOOLBAR</b>	7 x 7 inch rigid toolbar. 2 - 7.50 x 14 gauge wheels on center toolbar. 2 - 7.50 x 20 gauge wheels on wings. 66 inch (1.7 m) crop clearance. All widths come with parking stands.			
<b>PRODUCT CIRCUIT</b>	2 in. cam-loc connection to Guardian™ chassis. Two-section electric ball valves. 3/4 in. hoses. 4 in. glycol-filled gauge. Diaphragm check (TeeJet nozzle body) on every standard 3/8 in. feed lines.			
<b>COULTERS</b>	1 1/2" hi-tensile steer shaft and ductile castings. 20 in. Clymer blades. 1/2 in. fluted. 1200 lb down-pressure spring. Spring reset break-away nozzle bracket. Stainless-steel industrial solid stream tip. 20 gpa /10 mph / 20 psi (0015), Poly depth bands help prevent soil buildup.			
<b>LIGHTING AND SAFETY</b>	2 halogen field lights. 2 amber road flashers. Red and amber reflectors. Hydraulic front fold on 26 and 36 ft. models. Transport width 18 feet (5.5 m). Optional foamer uses standard Guardian™ mix chambers and bells.			

**TECHNICAL SPECIFICATIONS**

<b>Models</b>	<b>SP.295F</b>	<b>SP.300F</b>	<b>SP.345F</b>	<b>SP.400F</b>
<b>ENGINE</b>				
Make / Displacement Liter	Cummins QSB / 6.7 / Tier 4B	Cummins QSB / 6.7 / Tier 4B	Cummins QSL / 8.9 /Tier 4B	Cummins QSL / 8.9 /Tier 4B
Rated Power (hp) (kW)	300 (224)	300 (224)	320 (239)	380 (283)
Power Bulge (hp) (kW)	310 (231)	310 (231)	345 (257)	400 (298)
Alternator (Amp)	200	200	200	200
Fuel Tank Capacity (U.S. gal) (L)	150 (568)	150 (568)	150 (568)	150 (568)
DEF Tank Capacity (U.S. gal) (L)	15 (57)	15 (57)	15 (57)	15 (57)
<b>DRIVE TRAIN</b>				
Transmission / Type	Hydrostatic drive with Twin Sundstran heavy duty pumps	Hydrostatic drive with Twin Sundstran heavy duty pumps	Hydrostatic drive with Twin Sundstran heavy duty pumps	Hydrostatic drive with electronic controlled tandem Danfoss heavy duty pumps
Speed Ranges	5 speed	3 speed	3 speed	Full range with 4 user defined speed ranges
Wheel Motors	Poclair® Direct Drive MW14 (front) and MS18 Dyna Plus	Poclair® Direct Drive MS18	Poclair® Direct Drive MS18	Danfoss H1 series drive motors with Oerlikon Fairfield Torque Hub® gearbox final drives
Service Brakes	4 wheel internal wet disc	4 wheel internal wet disc	4 wheel internal wet disc	4 wheel internal wet disc
Parking Brakes	All 4 wheels	All 4 wheels	All 4 wheels	All 4 wheels
Wheel Drive	4 wheel drive	4 wheel drive	4 wheel drive	4 wheel drive
Leg Profile / Clearance (in) (mm)	Narrow 18 (457) profile, 72 (1829) clearance	Narrow 18 (457) profile, 72 (1829) clearance	Narrow 18 (457) profile, 72 (1829) clearance	Narrow 18 (457) profile, 72 (1829) clearance
Ground Speed w/ std. tires (mph) (kph)	0 to 26.1 (42)	0 to 26.6 (42.8)	0 to 30.1 (48.3)	0 to 32 (51.5)
1st Range (mph) (kph)	11.3 (18.2)	13.2 (21.1)	15.1 (24.3)	User defined
2nd Range (mph) (kph)	13 (21)	17.8 (28.5)	20.1 (32.3)	User defined
3rd Range (mph) (kph)	16.1 (29)	26.6 (42.8)	30.1 (48.3)	User defined
4th Range (mph) (kph)	19.9 (32)	NA	NA	User defined
5th Range (mph) (kph)	26.1 (42)	NA	NA	NA
<b>AUX HYDRAULICS</b>				
System Capacity (gpm) (lpm)	31 (117) or 51 (193) option	31 (117) or 51 (193) option	26 (98) or 44 (167) option	26 (98) or 44 (167) option
Performance	Closed center, pressure compensated, Eaton pump with 2500 psi operating pressure	Closed center, pressure compensated, Eaton pump with 2500 psi operating pressure	Closed center, pressure compensated, Eaton pump with 2500 psi operating pressure	Closed center, pressure compensated, Eaton pump with 2500 psi operating pressure
<b>CHASSIS</b>				
Frame	100,000 psi High Strength steel	100,000 psi High Strength steel	100,000 psi High Strength steel	100,000 psi High Strength steel
Cab Mount	Front Mount Cab	Front Mount Cab	Front Mount Cab	Front Mount Cab
Tank Mount	Mid Mount Tank	Mid Mount Tank	Mid Mount Tank	Mid Mount Tank
Engine Mount	Rear Mount Engine	Rear Mount Engine	Rear Mount Engine	Rear Mount Engine
Suspension	Hydraulic with accumulators	Hydraulic with accumulators	Hydraulic with accumulators	Hydraulic with accumulators
Front (in) (mm)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)
Rear (in) (mm)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)	20 (508) (10 (254) up / 10 down)
Tire Options	320/90R50 161 IF 380/90R50 170 IF 380/90R46 168 IF 380/105R50 166 380/90R46 173 VF 420/95R50 VF 480/80 R42 166 520/85R38 170 650/75R38 169	320/90R50 161 IF 380/90R50 170 IF 380/90R46 168 IF 380/105R50 166 380/90R46 173 VF 420/95R50 VF 480/80 R42 166 520/85R38 170 650/75R38 169	320/90R50 161 IF 380/90R50 170 IF 380/90R46 168 IF 380/105R50 166 380/90R46 173 VF 420/95R50 VF 480/80 R42 166 520/85R38 170 650/75R38 169	380/105R50 177 IF 380/90R50 170 IF 420/95R50 177 VF 520/85R42 170 650/75R42 170
Fenders	Standard	Standard	Standard	Standard
Turning Radius (ft) (m)	13.5 (4.1)	15' (4.6)	15' (4.6)	15' (4.6)
Tread Width Adjustment (in) (mm) Note: Based on 380 tire options	120 (3048) to 160 (4064), spread equal side to side	120 (3048) to 160 (4064), spread equal side to side	120 (3048) to 160 (4064), spread equal side to side	120 (3048) to 160 (4064), spread equal side to side
In-Cab Tread Width Adjustment	Standard equipment hydraulic adjust	Standard equipment hydraulic adjust	Standard equipment hydraulic adjust	Standard equipment hydraulic adjust
Wheel Base (in) (mm)	153 (3886)	177 (4496)	177 (4496)	177 (4496)
Crop Clearance with Standard Tires (in) (mm)	72 (1829)	72 (1829)	72 (1829)	72 (1829)

<b>Models</b>	<b>SP.295F</b>	<b>SP.300F</b>	<b>SP.345F</b>	<b>SP.400F</b>
<b>CHASSIS (cont.)</b>				
Overall Chassis Length (ft) (m)	28.2 (8.6)	30.3 (9.24)	30.3 (9.24)	30.3 (9.24)
Overall Width - Mono Boom (in) (mm)	12.8 (325)	12.8 (325)	12.8 (325)	12.8 (325)
Weight and Balance Front to Back	50/50	50/50	50/50	50/50
Height (in) (mm)	13.2 (335)	13.2 (335)	13.2 (335)	13.2 (335)
<b>LIQUID SYSTEM</b>				
Tank Capacity (US Gal) (Liter)	1000 (3785) or 1200 (4543) cross mounted	1200 (4543), 1400 (5300), 1600 (6057) cross mounted	1200 (4543), 1400 (5300), 1600 (6057) cross mounted	1200 (4543), 1400 (5300), 1600 (6057) cross mounted
Polyethylene Tank (US Gal) (Liter)	1000 (3785) or 1200 (4543)	NA	NA	NA
Stainless Steel Tank (US Gal) (Liter)	1000 (3785) or 1200 (4543)	1200 (4543), 1400 (5300), 1600 (6057)	1200 (4543), 1400 (5300), 1600 (6057)	1200 (4543), 1400 (5300), 1600 (6057)
Tank Agitation	Poly - ventrury style or SS - sparge tube	Sparge tube	Sparge tube	Sparge tube
Rinse Tank Capacity (US Gal, inch)(Liter, mm)	150 US gallon (568) with 2 (51) quick fill	150 US gallon (568) with 2 (51) quick fill	150 US gallon (568) with 2 (51) quick fill	150 US gallon (568) with 2 (51) quick fill
Rinse System	Manual or electric	Manual or electric	Manual or electric	Manual or electric
Chemical Eductor (US Gal) (Liter)	Optional 3.6 (14) SS w/ rinse system			
Fast Fill (in) (mm)	2 (51); 3 (76) optional			
<b>SOLUTION PUMP</b>				
Make / Model	Hypro 9306C Standard	Hypro 9306C Standard	Hypro 9306C Standard	Hypro 9306C Standard
Gpm (lpm)	Up to 220 (833) at the pump	Up to 220 (833) at the pump	Up to 220 (833) at the pump	Up to 210 (795) at the pump
High Flow Option	Hypro 9307C up to 310 (1174)			
<b>RATE CONTROL SYSTEM</b>				
Controller Options	Raven, Envizio Pro XL™, Viper Pro™, Viper® 4 or Intelliview IV™	Raven, Envizio Pro XL™, Viper Pro™, Viper® 4 or Intelliview IV™	Raven, Envizio Pro XL™, Viper Pro™, Viper® 4 or Intelliview IV™	Raven, Envizio Pro XL™, Viper Pro™, Viper® 4 or Intelliview IV™
Flow Control	RFM 100/Optional RFM 60			
GPS (optional)	Optional (Intellisteer Kit)	Optional (Intellisteer Kit)	Optional (Intellisteer Kit)	Optional (Intellisteer Kit)
Boom Height Control	Raven Ultraglide with Ultrasonic sensors			
<b>BOOM</b>				
Boom Mount	Front Mount, 100% visibility			
Mono-boom Widths (ft)'	90/60, 100/60, 120/70	90/60, 100/60, 120/70	90/60, 100/60, 120/70	90/60, 100/60, 120/70
Truss-boom Widths (ft)'	120/73, 132/73, 135/731	20/73, 132/73, 135/73	120/73, 132/73, 135/73	120/73, 132/73, 135/73
Spray-Air® boom Widths (ft)'	90, 100, 120	90, 100, 120	90, 100, 120	90, 100, 120
Height Adjustment (in) (mm)	22 (559) – 118 (2997)	22 (559) – 118 (2997)	22 (559) – 118 (2997)	22 (559) – 118 (2997)
Breakaway	On the secondary boom wing			
Boom Pipes (in) (mm)	1 (25) stainless steel			
Nozzle Body Spacing (in)(mm)	15 (381) or 20 (508)			
Nozzle Body Spacing Spray-Air® only (in) (mm):	10" (254)	10" (254)	10" (254)	10" (254)
Nozzle Body Options	3 way, 5 way, 3+1			
Electric Fence Line Spray Nozzle	Standard	Standard	Standard	Standard
Sections	5 sect. (10 section option)			
Suspension Nitrogen Accumulators	Optional	Optional	Optional	Optional
Primary Strainer (std. pump)	50 or Optional 80 mesh y-strainer			
Boom In-Line Strainers	Optional 50 or 100 mesh			
<b>FOAM MARKER</b>				
Capacity (US Gal) (Liter)	Foam injection uses 150 (568) rinse water, holds 3 (11.4) of foam concentrate	Foam injection uses 150 (568) rinse water, holds 3 (11.4) of foam concentrate	Foam injection uses 150 (568) rinse water, holds 3 (11.4) of foam concentrate	Foam injection uses 150 (568) rinse water, holds 3 (11.4) of foam concentrate
Air Compressor Standard	Engine driven	Engine driven	Engine driven	Engine driven



# VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers. You might call that instinct, but we call it fieldSMART™.

**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.** 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/na](http://www.newholland.com/na)

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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.

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