

John Deere & Hagie Application

Self-Propelled Sprayers



JOHN DEERE



NO ONE BRINGS IT ALL TOGETHER LIKE JOHN DEERE

A John Deere self-propelled sprayer is shown from a side profile, moving across a lush green field. The machine is green with a yellow wheel visible on the right. The background is a clear blue sky. The text is overlaid on the top half of the image.

Application quality. Integrated precision ag components. Remote support. When it comes to nurturing and protecting your fields from weeds, diseases, and insects, no one brings it all together like John Deere. Providing consistent applications with minimal waste, our new sprayers have you covered. And we're giving you more comfort with new improvements to our cabs to make long days spraying seem shorter.



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*This brochure refers to the US manufactured sprayers.
Speak to your local John Deere dealer for other John
Deere spraying solutions.*

INTEGRATED *INTELLIGENCE*

Gain confidence in a quality application with our new integrated lineup of precision ag components. Starting with the intuitive G5^{Plus} CommandCenter™ Display, you can ensure the right drops are reaching the right crops and make on-the-go adjustments to improve spraying accuracy. View more of your operation at once by adding a second run screen with an Extended Monitor option.

Our new sprayers now come with an integrated StarFire™ 7500 receiver with SF-RTK for long-term repeatability up to 2.5 cm accuracy¹. And with AutoTrac™ RowSense™, AutoTrac Vision, and AutoPath™, you can operate at higher speeds, along full-field guidance lines.

With JDLink connectivity², John Deere sprayers can stream machine and field data to John Deere Operations Center™ anytime, any place. Simply turn on JDLink service in your Operations Center account.



1. Due to tectonic plate movement and proximity to a tectonic plate boundary, SF-RTK may not be repeatable in New Zealand.

2. Some additional accessories and/or components may be required. JDLink requires a mobile connection to transfer information from machine to John Deere Operations Center™ website. See your John Deere dealer for coverage availability.



Reduce overlap and minimise skips while ensuring precise placement of crop protectants and nutrients with John Deere Section Control. The optional ExactApply™ nozzle control system has up to 30 hertz pulsing frequency and A-B nozzle control to help maintain droplet size, control solution target rate, and reduce input costs by 2–5%.³

3. Factory study comparing chemical usage between sprayers equipped with and without the ExactApply™ nozzle-control system. ExactApply™ is an optional feature and can reduce chemical usage from 2–5%. Individual results may vary.

SEE.

SPRAY.

SAVE.

SEE & SPRAY SELECT

- ✓ Fallow Use
- ✓ Traditional Broadcast Spray Application
- ✓ Targeted Spray Application
- ✓ Single Tank

Cover your fallow fields day or night¹ with advanced camera and nozzle-control technology to spray only weeds with See & Spray™ Select. By spraying only when and where needed, you'll reduce your herbicide use and lower your input cost per pass. With 77%² average herbicide savings, you can invest those savings back into more advanced tank mixes to gain cost efficiency in your spraying applications. Plus, with John Deere Operations Center™ you can track performance data to make informed decisions in your weed management program.

Available on certain John Deere 400 & 600—See & Spray technology is revolutionising how farmers can manage weeds to improve yields, cost efficiencies, and profitability.



1. Night spraying capability is available on MY23 or newer sprayers.

2. Based on tank-level sensor values taken at a steady state on John Deere sprayers equipped with and without See & Spray™ Select, before and after covering 30,351 hectares (75,000 acres) of fallow ground with a typical weed pressure of 7,500 weeds per hectare (3,000 weeds per acre), using small and medium spray-length settings starting at 2.3 to 3.2 ft. (0.7 to 1 m) and average growing conditions (seasonal precipitation and temperature) across the US and Canadian plains and Australian farms. Spray-length settings varied based on ground speed, spray pressure, and boom height. Sprayers were equipped with current hardware and software at time of study. Individual results may vary based on field and growing conditions, weed pressure, spray-length settings, and software version.

TARGET AND BROADCAST SPRAY

John Deere offers the most versatile spraying system on the market—two sprayers in one. Easily switch from broadcast spraying to targeted spraying or to both, at the touch of a button. With advanced camera and nozzle technology to deliver significant savings on herbicide use and connected with a suite of embedded digital tools, the only choice to make is John Deere.

FALLOW APPLICATION

See & Spray™ Select provides camera and processing technology to enable targeted spray that detects weeds in fallow ground (or green on brown). See & Spray now allows the operator to spray up to 25.75 km/h (16 mph).*

NIGHT TIME CAPABILITY

See & Spray Select also includes one integrated light per camera, allowing night application with targeted spraying covering more hectares in tight application windows.

ACTIONABLE MAPPING DATA

With the monitoring capabilities of John Deere Operations Center™ application and the G5Plus CommandCenter™ Display, you can track job quality and savings during and after application. See & Spray™ Select as applied spray data automatically shares with your Operations Center. View As-Applied Maps and make informed decisions regarding applied and non-applied areas with the Field Analyzer tool within Operations Center.



*Software update 23-2 must be installed and using an approved reverse-incline nozzle to receive the capability improvement.

400 & 600 *SERIES* **SPRAYERS**

PRESSURE RECIRCULATION/PRODUCT RECLAIM

The Pressure Recirculation pushes product through the sprayer booms with a 3-way valve, keeping solution from settling and delivering a consistent product to every nozzle. By pushing air through the sprayer lines, product reclaim pushes the solution back to the spray tank.

400 Series Sprayers

The 400 Series Sprayers offers integrated technology for an efficient quality application. A wide range of horsepower is available with options ranging from 208.8 to 243 kW (280 to 326 hp). Choose between three different tank options: 3,028 L (800 gallons), 3,785 L (1,000 gallons), or 4,542 L (1,200 gallons).

For dry spinner spreader applications, a 5.6 m³ (200 ft³) dry box is offered.

600 Series Sprayers

Spend more time spraying and less time filling with our 600 Series Sprayers. Two tank options of 4,542 L or 6,057 L (1,200 or 1,600 gallons) are available. Add flotation tyres to further reduce compaction so you can get in the field sooner and spray later. Offering two options at 265 or 279 kW (355 or 375 hp), these sprayers allow for faster acceleration with heavier loads than previous models.

For dry spinner spreader applications, a dry nutrient spinner spreader box is offered in either 5.6 or 8.5 m³ (200 or 300 ft³.) options.



BOOM OPTIONS

Choose from two different boom options on the 400 and 600 Series Sprayers. Offering Carbon fibre or Steel, both options are available with BoomTrac™ Pro 2 for enhanced spraying accuracy by maintaining correct boom height. Compared with previous BoomTrac Pro, the boom height adjusts easily from 0.5 m (19 in.) up to 2.3 m (92 in.) and provides a 22% improvement in accuracy¹.

1. Based on Internal John Deere study compared to previous BoomTrac Pro.

LESS **FATIGUE.** **GAIN COMFORT.**

When the hours are long and the terrain is tough, you deserve all the comfort you can get. Stretch out your legs with our new foot rests and focus on the field ahead. Two visibility packages, with our brighter exterior lighting, offer clear observation of your surroundings no matter the time of day. What's more, the CommandDrive™ powertrain provides traction control in challenging conditions, all at reduced decibels for a quieter ride.

SIGNATURE EDITION



The Signature Edition includes the Ultimate Comfort and Convenience Package, the Ultimate Visibility Package, ActiveSeat™ II, JDLink™, integrated StarFire 7500 receiver with SF-RTK, G5^{Plus} CommandCenter Display and a G5 Advanced license.



NIGHTTIME DOESN'T MEAN SLOWING DOWN

Make the most of your time, no matter the time, with your choice of two Visibility Packages that can be mixed or matched with your choice of Comfort and Convenience Cab Packages. While lighting encompasses a large portion of the package, windshield wipers, mirrors and sunshades are also important to overall field visibility.



LIGHTING PACKAGES

PREMIUM

18 LED work lights
Electric, heated exterior mirrors
Front, right-hand, and rear window sunshades
Front, right-hand, and rear window wipers

ULTIMATE

20 LED work lights, 8 LED service-point lights
Electric, heated, telescoping exterior mirrors
Front, right-hand, and rear window sunshades
Front, right-hand, and rear window wipers

SPRAY IN PLACES OTHERS CAN'T

Smaller than its 4 Series siblings, the popular R4023 is designed to tackle tighter spaces, tricky turns, and odd-shaped fields. Wide or narrow axle options fit a wide range of row spacing needs. And its 27.4 m (90 ft.) boom easily folds in to spray in tight turns. That's unmatched manoeuvrability.

But don't let its size fool you. This 2,271 L (600 gal) sprayer is big on intelligent technology. For fingertip control of key functions, we gave the R4023 a G5^{Plus} CommandCenter display and a sprayer-specific CommandARM™. Coupled with free JDLink™, the R4023 can help you precisely put the right inputs in the right places.



All-leather, heated and ventilated seat for all day comfort. Optional Soft Shock suspension to smooth rough terrain. You spend hours in here, so we went big on creating all-day comfort.



POWER-BOOSTING PERFORMANCE

To spray faster in harsher conditions, you need dependable power. Meet the Final Tier 4 diesel. Rated at 129 kW (173 hp), this 4.5 L turbocharged engine delivers 5% more power than the previous model. And its power bulge increases power from 136 kW (173 to 182 hp) when the going gets tough.

CLEANER Fields **BETTER** Yields



Targeted Technology

We make it easy for you to benefit from having a connected sprayer in your operation. Hagie sprayers come equipped with the latest John Deere technologies, like ExactApply™ and Pressure Recirculation and Reclaim, so you can improve cost efficiencies, boost profitability and make data-driven decisions.

Spend more time spraying and less time filling with the new 7,571 L (2,000 gal.) solution tank on the Hagie STS20. Two other tank options of 4,542 L (1,200 gal.) and 6,057 L (1,600 gal.) are also available.

Built with the John Deere PowerTech™ 9.0 L engine, the new Hagie lineup gives you the power you need to work efficiently, with 223.7 to 298.2 kW (300 or 400 hp) options.

HAGIE HYBRID BOOM OPTIONS

Hagie's front-mounted booms are designed to deliver performance, stability, and visibility. The booms are the first and foremost tool in accurate product placement. Hagie Hybrid booms, steel inner section and aluminium outer sections, are designed to offer the best of both worlds. Strength and agility in one package. Hybrid booms are available in 27.43 m, 30.48 m, and 36.57 m widths (90, 100, and 120 ft.) and can fold to 18.28 m (60 ft.). Cover even more hectares with the 40.23 m (132 ft.) boom that folds to 21.34 m (70 ft.).



THE CAB YOU DESERVE.

New cab. New seat. With all that's new on the Hagie STS sprayer, there's one thing that isn't—your ability to work in comfort all day. And with integrated John Deere precision technology—like a StarFire™ 7500 receiver, G5^{Plus} CommandCenter display, and free JDLink service¹—you're ready to seamlessly stream data to your Operations Center account. See the chart below for the package that's right for you.

Comfort Packages	
SELECT	ULTIMATE
Cloth seat with mechanical controls and lumbar support; 16° left-hand and 16° right-hand swivel	Leather seat with electronic controls and pneumatic lumbar support; 16° left-hand and 16° right-hand swivel; heated and ventilated; massaging feature; adjustable bolsters
AM/FM/WX radio with auxiliary inputs and Bluetooth compatibility; 2 speakers	6.5-inch touchscreen app radio, smartphone and SiriusXM ready; 2 speakers with subwoofer
Business-band ready	Business-band ready
4 USB ports and 12V outlet	4 USB ports and 12V outlet
Dual tilt steering column	Foot rests
	Dual tilt steering column
	Refrigerator
	Electric-cinch door with remote opening

¹Some additional accessories and/or components may be required. JDLink requires a mobile connection to transfer information from machine to John Deere Operations Center™ website. See your John Deere Dealer for coverage availability.



400 Series Specifications

	408R	410R	412R
ENGINE			
Make	John Deere	John Deere	John Deere
Rated engine power	206 kW (280 hp)	231 kW (310 hp)	243 kW (326 hp)
Maximum engine power	224 kW (300 hp)	246 kW (330 hp)	266 kW (357 hp)
Displacement	6.8 L (415 in³)	9 L (549 in³)	9 L (549 in³)
Fuel tank capacity	485.2 L (128.2 gal)	565 L (149.2 gal)	565 L (149.2 gal)
SOLUTION SYSTEM			
Capacity, L (U.S. gallon)	3028 L (800 gal)	3800 L (1000 gal)	3785.4 L (1200 gal)
Tank material	Stainless steel	Stainless steel	Stainless steel
Rinse tank capacity	454.2 L (120 gal)	454 L (120 gal)	646 L (170 gal)
Quick Fill™ size	7.6 cm (3 in.)	7.6 cm (3 in.)	7.6 cm (3 in.)
Suction strainer	20 mesh	20 mesh	20 mesh
Pressure strainer	50 mesh	50 mesh	50 mesh
Boom strainer	80 mesh	80 mesh	80 mesh
BOOM			
Boom length options	18.3/27.4, 18.3/30.5, 22/36.5, or 22/40.2 m (60/90, 60/100, 72/120, or 72/132 ft)	27.4, 30.4, 36.5, or 40.2 m (90, 100, 120, or 132 ft)	27.4, 30.4, 36.5, or 40.2 m (90, 100, 120, or 132 ft)
Automatic boom height	BoomTrac™ Pro 2 - five sensor (optional)	BoomTrac™ Pro 2 - five sensor (optional)	BoomTrac™ Pro 2 - five sensor (optional)
Plumbing material	Stainless steel / Optional: Polyethylene	Stainless steel / Optional: Polyethylene	Stainless steel / Optional: Polyethylene
Boom material	Steel or carbon fibre	Steel or carbon fibre	Steel or carbon fibre
Ground height adjustment	50 to 245 cm (19.6 to 96.5 in.)	50 to 245 cm (19.6 to 96.5 in.)	50 to 245 cm (19.6 to 96.5 in.)
Breakaway width	Stainless steel boom: 3.3 m (10.8 ft) Carbon fibre boom: 3.7 m (12.1 ft)	Stainless steel boom: 3.3 m (10.8 ft) Carbon fibre boom: 3.7 m (12.1 ft)	Stainless steel boom: 3.3 m (10.8 ft) Carbon fibre boom: 3.7 m (12.1 ft)
Boom sections	13 sections with boom length: 40.2 m (132 ft) 11 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 30.5 m (100 ft) 7 sections with boom length: 27.4 m (90 ft)	13 sections with boom length: 40.2 m (132 ft) 11 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 30.5 m (100 ft) 7 sections with boom length: 27.4 m (90 ft)	13 sections with boom length: 40.2 m (132 ft) 11 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 30.5 m (100 ft) 7 sections with boom length: 27.4 m (90 ft)
Nozzle spacings	38.1 or 50.8 cm (15 or 20 in.)	38.1 or 50.8 cm (15 or 20 in.)	38.1 or 50.8 cm (15 or 20 in.)
DRIVETRAIN			
Type	Hydrostatic 4WD	Hydrostatic 4WD	Hydrostatic 4WD
Shifting	Electrohydraulic	Electrohydraulic	Electrohydraulic
Hydraulic reservoir capacity	98 L (26 gal)	98.4 L (26 gal)	98.4 L (26 gal)
Spray speed range	0 to 32.2 km/h (0 to 20 mph)	0 to 40.2 km/h (0 to 25 mph)	0 to 40.2 km/h (0 to 25 mph)
Transport speed, maximum	48.3 km/h (30 mph)	56.3 km/h (35 mph)	56.3 km/h (35 mph)
CHASSIS			
Dry compatible	Yes: 5.7 m (200 ft³)	Yes: 5.7 m (200 ft³)	Yes: 5.7 m (200 ft³)
Suspension	Dual-strut independent wheel air-ride suspension	Dual-strut independent wheel air-ride suspension	Dual-strut independent wheel air-ride suspension
Crop clearance with standard tyres	152 cm (60 in.)	152 cm (60 in.)	152 cm (60 in.)
Turning radius	8.7 m (28.5 ft)	8.7 m (28.5 ft)	8.7 m (28.5 ft)
Parking brake	Spring-engaged, hydraulically disengaged wet disk pack	Spring-engaged, hydraulically disengaged wet disk pack	Spring-engaged, hydraulically disengaged wet disk pack
Total weight with 90-ft boom	12,845 kg (28,318 lb)	13,475 kg (29,707 lb)	14,213 kg (31,335 lb)
Total weight with 100-ft boom	12,925 kg (28,495 lb)	13,550 kg (29,873 lb)	14,260 kg (31,438 lb)
Total weight with 120-ft boom	13,185 kg (29,068 lb)	13,805 kg (30,435 lb)	14,424 kg (31,800 lb)
Total weight with carbon fibre boom	36.5 m (120 ft) boom: 12,684 kg (27,963 lb) 40.2 m (132 ft) boom: 12,739 kg (28,084 lb)	36.5 m (120 ft) boom: 13,304 kg (29,330 lb) 40.2 m (132 ft) boom: 13,359 kg (29,451 lb)	36.5 m (120 ft) boom: 13,877.2 kg (30,594 lb) 40.2 m (132 ft) boom: 13,915.3 kg (30,678 lb)
TYRES			
Front tyres	320/90 R46, 380/90 R46, or 420/80 R46	320/90 R46, 380/90 R46, or 420/80 R46	320/90 R46, 380/90 R46, or 420/80 R46
Rear tyres	320/90 R46, 380/90 R46 CFO, or 420/80 R46	320/90 R46, 380/90 R46 CFO, or 420/80 R46	320/90 R46, 380/90 R46 CFO, or 420/80 R46
Flotation tyres	520/85R38 or 620/70R38 (field installed only)	520/85R38 or 620/70R38 (field installed only)	520/85R38 or 620/70R38 (field installed only)
OPTIONS			
Foam marker	Air injection foamer: 5.7 L (1.5 gal)	Air injection foamer: 1.5 gal (5.7 L)	Air injection foamer: 1.5 gal (5.7 L)

600 Series Specifications

	612R	616R
ENGINE		
Make	John Deere	John Deere
Rated engine power	265 kW (355 hp)	280 kW (375 hp)
Maximum engine power	289 kW (388 hp)	309 kW (415 hp)
Displacement	9 L (549 in³)	9 L (549 in³)
Fuel tank capacity	565 L (149.2 gal)	565 L (149.2 gal)
SOLUTION SYSTEM		
Capacity, U.S. gallon (l)	4542 L (1200 gal)	6057 L (1600 gal)
Tank material	Stainless steel	Stainless steel
Rinse tank capacity	646 L (170 gal)	606 L (160 gal)
Quick Fill™ size	7.6 cm (3 in.)	7.6 cm (3 in.)
Suction strainer	20 mesh	20 mesh
Pressure strainer	50 mesh	50 mesh
Boom strainer	80 mesh	80 mesh
BOOM		
Boom length options	27.4, 30.4, 36.5, or 40.2 m (90, 100, 120, or 132 ft)	Steel: 27.4, 30.5, or 36.5 m (90, 100, or 120 ft) Carbon: 36.6 or 40.2 m (120 or 132 ft)
Automatic boom height	BoomTrac™ Pro 2 - five sensor (optional)	BoomTrac™ Pro 2 - five sensor (optional)
Plumbing material	Stainless or polypropylene	Stainless or polypropylene
Boom Material	Steel or carbon fibre	Steel or carbon fibre
Ground height adjustment	50 to 245 cm (19.6 to 96.5 in.)	50 to 245 cm (19.6 to 96.5 in.)
Breakaway width	Stainless-steel boom: 3.3 m (10.8 ft) Carbon fibre boom: 3.7 m (12.1 ft)	Stainless-steel boom: 3.3 m (10.8 ft) Carbon fibre boom: 3.7m (12.1 ft)
Boom sections	13 sections with boom length: 40.2 m (132 ft) 11 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 30.5 m (100 ft) 7 sections with boom length: 27.4 m (90 ft)	13 sections with boom length: 40.2 m (132 ft) 11 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 30.5 m (100 ft) 7 sections with boom length: 27.4 m (90 ft)
Nozzle spacings	38.1 or 51 cm (15 or 20 in.)	38.1 or 51 cm (15 or 20 in.)
DRIVETRAIN		
Type	Hydrostatic 4WD	Hydrostatic 4WD
Shifting	Electrohydraulic	Electrohydraulic
Hydraulic reservoir capacity	98.4 L (26 gal)	98.4L (26 gal)
Spray speed range	0 to 40.2 km/h (0 to 25 mph)	0 to 40.2 km/h (0 to 25 mph)
Transport speed, maximum	56.8 km/h (35 mph)	56.3 km/h (35 mph)
CHASSIS		
Dry compatible	Yes: 5.7 or 8.5 m³ (200 or 300 ft³)	Yes: 5.7 or 8.5 m³ (200 or 300 ft³)
Suspension	Dual-strut independent wheel air-ride suspension	Dual-strut independent wheel air-ride suspension
Crop clearance with standard tires	147 cm (58 in.)	147 cm (58 in.)
Turning radius	9.2 m (30.2 ft)	9.2 m (30.2 ft)
Parking brake	Spring-engaged, hydraulically disengaged wet disk pack	Spring-engaged, hydraulically disengaged wet disk pack
Total weight with 90-ft boom	15,613 kg (34,421 lb)	16,337 kg (36,017 lb)
Total weight with 100-ft boom	15,691 kg (34,593 lb)	16,384 kg (36,120 lb)
Total weight with 120-ft boom	15,945 kg (35,153 lb)	16,548 kg (36,482 lb)
Total weight with carbon fibre boom	36.5 m (120 ft) boom: 34,048 lb (15,444 kg) 40.2 m (132 ft) boom: 34,169 lb (15,499 kg)	36.6 m (120 ft) boom: 16,001 kg (35,276 lb) 40.2 m (132 ft) boom: 16,039 kg (35,360 lb)
TYRES		
Front tyres	380/105 R50, 420/95 R50, or 480/80 R50	380/105 R50, 420/95 R50, or 480/80 R50
Rear tyres	380/105 R50, 420/95 R50, or 480/80 R50	380/105 R50, 420/95 R50, or 480/80 R50
Flotation tyres	620/70 R46 or 800/55 R46	620/70 R46 or 800/55 R46
OPTIONS		
Foam marker	Air injection foamer	Air injection foamer

Hagie STS Specifications

	STS12	STS16	STS20
ENGINE			
Make	John Deere	John Deere	John Deere
Rated engine power	223 kW (300 hp)	298 kW (400 hp)	298 kW (400 hp)
Maximum engine power	246 kW (330 hp)	315 kW (423 hp)	315 kW (423 hp)
Displacement	9 L (549 in³)	9 L (549 in³)	9 L (549 in³)
Fuel tank capacity	492 L (130 gal)	492 L (130 gal)	492 L (130 gal)
SOLUTION SYSTEM			
Capacity, U.S. gallon (L)	4400 L (1200 gal)	6056 L (1600 gal)	7570 L (2000 gal)
Tank material	Stainless steel	Stainless steel	Stainless steel
Rinse tank capacity	454.2 L (120 gal)	378.5 L (160 gal)	757 L (200 gal)
Quick Fill™ size	7.6 cm (3 in.)	7.6 cm (3 in.)	7.6 cm (3 in.)
Pressure strainer	50 mesh	50 mesh	50 mesh
Boom strainer	80 mesh	80 mesh	80 mesh
BOOM			
Boom length options	18.3/27.4, 18.3/30.5, 18.3/36.5, or 21.3/40.2 m (60/90, 60/100, 60/120, or 70/132 ft)	18.3/27.4, 18.3/30.5, 18.3/36.5, or 21.3/40.2 m (60/90, 60/100, 60/120, or 70/132 ft)	18.3/27.4, 18.3/30.5, 18.3/36.5, or 21.3/40.2 m (60/90, 60/100, 60/120, or 70/132 ft)
Automatic boom height	NORAC® UC7™ with Active Wing Roll (AWR)	NORAC® UC7™ with Active Wing Roll (AWR)	NORAC® UC7™ with Active Wing Roll (AWR)
Plumbing material	Stainless steel	Stainless steel	Stainless steel
Boom material	Hybrid steel and aluminium	Hybrid steel and aluminium	Hybrid steel and aluminium
Ground height adjustment	58 to 272 cm (23 to 107 in.)	58 to 272 cm (23 to 107 in.)	58 to 272 cm (23 to 107 in.)
Breakaway width	27.4 m (90 ft) boom: 1.5 m (5 ft) 18.3/30.5 m or 18.3/36.5 m (60/100 or 60/120 ft) booms: 10 ft (3 m) 40.3 m (132 ft) boom: 3.3 m (11 ft)	27.4 m (90 ft) boom: 1.5 m (5 ft) 18.3/30.5 m or 18.3/36.5 m (60/100 or 60/120 ft) booms: 10 ft (3 m) 40.3 m (132 ft) boom: 3.3 m (11 ft)	27.4 m (90 ft) boom: 1.5 m (5 ft) 18.3/30.5 m or 18.3/36.5 m (60/100 or 60/120 ft) booms: 10 ft (3 m) 40.3 m (132 ft) boom: 3.3 m (11 ft)
Boom sections	7 sections with boom length: 27.4 m (90 ft) 9 sections with boom length: 30.5 m (100 ft) 9 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 40.2 m (132 ft)	7 sections with boom length: 27.4 m (90 ft) 9 sections with boom length: 30.5 m (100 ft) 9 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 40.2 m (132 ft)	7 sections with boom length: 27.4 m (90 ft) 9 sections with boom length: 30.5 m (100 ft) 9 sections with boom length: 36.5 m (120 ft) 9 sections with boom length: 40.2 m (132 ft)
Nozzle spacings	38.1, 50.8 or 55.8 cm (15, 20 or 22 in.)	38.1, 50.8 or 55.8 cm (15, 20 or 22 in.)	38.1, 50.8 or 55.8 cm (15, 20 or 22 in.)
DRIVETRAIN			
Type	CommandDrive™ 4WD	CommandDrive™ 4WD	CommandDrive™ 4WD
Shifting	Infinitely variable - Operator programmable	Infinitely variable - Operator programmable	Infinitely variable - Operator programmable
Hydraulic reservoir capacity	113.5 L (30 gal)	113.5 L (30 gal)	113.5 L (30 gal)
Spray speed range	0.8 to 40 km/h (0.5 to 25 mph)	0.5 to 25 mph (0.8 to 40 km/h)	0.8 to 40 km/h (0.5 to 25 mph)
Transport speed, maximum	56 km/h (35 mph)	56 km/h (35 mph)	56 km/h (35 mph)
CHASSIS			
Dry compatible	Montag® Fortifier	No	No
Suspension	Independent air-ride	Independent air-ride	Independent air-ride
Crop clearance with standard tyres	188 cm (74 in.)	188 cm (74 in.)	188 cm (74 in.)
Turning radius	With all-wheel steer (AWS) on: 5.3 m (17.3 ft) With AWS off (centre of outside tyre): 7.8 m (25.6 ft)	With all-wheel steer (AWS) on: 5.8 m (18.9 ft) With AWS off (centre of outside tyre): 8.9 m (29.2 ft)	With all-wheel steer (AWS) on: 5.8 m (18.9 ft) With AWS off (centre of outside tyre): 8.9 m (29.2 ft)
Parking brake	Integrated in final drives	Integrated in final drives	Integrated in final drives
Total weight with 90-ft boom	14,334 kg (31,600 lb)	14,696 kg (32,400 lb)	14,969 kg (33,000 lb)
Total weight with 120-ft boom	14,288 kg (31,500 lb)	14,651 kg (32,300 lb)	14,923 kg (32,900 lb)
Total weight with 132-ft boom	14,469 kg (31,900 lb)	14,832 kg (32,700 lb)	15,104 kg (33,300 lb)
TYRES			
Front tyres	VF320/105R54, VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50	VF320/105R54, VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50	VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50
Rear tyres	VF320/105R54, VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50	VF320/105R54, VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50	VF380/90R54, VF380/105R50, VF420/95R50, VF480/80R50
Flotation tyres	VF480/80R50, LSW710/65R46	VF480/80R50, LSW710/65R46	VF480/80R50, LSW710/65R46
OPTIONS			
Air compressor	Onboard air	Onboard air	Onboard air



A photograph of two men, likely John Deere dealers, standing in a lush green field. The man on the left is wearing a green cap and a grey shirt, holding a tablet. The man on the right is wearing a black cap with 'John Deere' on it and a high-visibility orange and grey shirt. In the background, a green John Deere tractor is visible in the field under a clear blue sky.

Supported by one of the most responsive dealer networks in the business

Nobody cares more about keeping your equipment in solid working order than your John Deere dealer. With a complete inventory of genuine John Deere parts, highly trained service technicians, and a thorough understanding of your business, your John Deere dealer knows how to keep you and your equipment up and running.

A strong name in equipment, and a strong dealership network: get it all with John Deere.



JOHN DEERE

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