

4 Series Self-Propelled Sprayers

R4023, R4030, R4038 and R4045



JOHN DEERE



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Solutions that apply





An expansive sprayer selection. It's all here!

Everything you need to apply. One of the industry's most comprehensive equipment lines. The latest Precision Ag technology, all fully integrated. Smart time and money-saving solutions. Secure, open, insightful data management. Plus the parts, service and support you expect only from your John Deere dealer.

Size up the right John Deere sprayer for you.

Model	Engine, kW (hp)	Solution capacity, L	Boom width, m (ft.)
R4023	129 (173)	2,300	Up to 27.4 (90)
R4030	209 (280)	3,000	Up to 40.2 (132)
R4038	231 (310)	3,800	Up to 40.2 (132)
R4045	258 (346)	4,500	Up to 40.2 (132)

A cab customised to fit the way you work. Sounds good in theory.

We all know how that goes – something might sound good in theory, but when it's applied to real world applications, it doesn't work so well. Fortunately, that's not the case with the new CommandView III cab for John Deere 4 Series Sprayers. Engineered to deliver ultimate comfort and total control, this cab is even better in person.



Increase your visibility, increase your productivity. With 15 degrees of right seat swivel, you'll not only be able to see more, you'll be able to do more. Two internal rearview mirrors and LED lights are offered in the premium cab.





Benefit from fully integrated technologies. You'll find the latest technology, like the John Deere Connect Mobile app. By providing real-time data, this app enables you to monitor, adjust and learn from your sprayer while it's moving through the paddock. View mapping of critical job quality information, including as-applied rates, rate deviation, spray pressure and ground speed, and receive high-def documentation for the ExactApply™ nozzle control system for real-time visibility to estimated droplet size. All of this within easy push-button reach, all working together to deliver the most performance and ease of use.

Experience the convenience of total control. The CommandView III cab boasts a fully integrated 4600 CommandCenter™ display, redesigned CommandARM™ and multi-function handle offering reconfigurable buttons, putting controls right at your fingertips.

Easy-to-use touchscreen display. This high-resolution touchscreen display offers easy-on-the-eyes clarity and simple-to-navigate menus with easy navigation between sprayer settings and on-screen help functions.

Theory doesn't protect your crops

Introducing Carbon Fibre Booms.

There's a lot on the line when it comes time to spray. Tighter application windows means you've got to move fast and efficiently. The need for multiple passes means a higher risk of damaging crop and soil. It's time to reduce your stress and yield impact. Our big boom theory – harness the incredible properties of carbon fibre and engineer a lightweight, durable boom that not only helps reduce impact but covers more hectares in less time. Our all-new carbon fibre booms weave together durability, productivity and weight reduction while reducing corrosion and protecting from soil compaction and crop damage.

Available in 37 and 40 m (120 and 132 ft.) models, our carbon fibre booms reduce boom wing weight anywhere from 35-39% (40 and 37 m, respectively), improve productivity by 8% (with 40 m model) and improve front-to-rear machine weight balance by 6%.



Built to last. With a higher strength-to-weight ratio than steel and aluminium, carbon fibre is also corrosion-resistant and easy to clean and maintain.





Add BoomTrac Pro™ for automatic boom-height control. By maintaining correct boom height to target, you'll see improved application accuracy and efficiency, spray coverage and drift management. The boom height adjusts easily from 483 mm (19 in.) up to 2,337 mm (92 in.) to fit your needs.



Proven design. We realise carbon fibre isn't ideal for all situations, and that's why we rely on the proven design of our steel booms to get the job done. The rock solid construction includes a reliable dual swing link suspension and greater stability while delivering consistent height above crop, hectare after hectare. And the flat-fold design lets you spray up to 37 m (120 ft.) wide, covering more hectares with fewer passes.

Available for both the inner and outer breakaway sections of the carbon fibre boom, our repair kit enables you to make minor repairs and get back up and running in four to eight hours.

Model	27.4 m (90 ft.) boom 7 sections	30.5 m (100 ft.) boom 9 sections	36.6 m (120 ft.) boom 11 sections	40.2 m (132 ft.) boom 13 sections
R4030	•	•	•	•
R4038	•	•	•	•
R4045	•	•	•	•

An application evolution: ExactApply Nozzle Control System



The next frontier of sprayer technology is here. Experience an unparalleled level of accuracy. Lower your input costs. Decrease the impact on your crop and on the soil. Increase your yield potential. Protect your bottom line.

Combined with Turn Compensation, ExactApply automatically varies the rate across the entire boom, ensuring the application rate for the right area. Not only does this reduce your input cost, but it also saves your plants from harmful crop burn due to over-application and avoids escapes due to under application.



Every drop counts



And they could easily count against you in the form of over-application, crop burn, and off-target drift. With our ExactApply nozzle control system, application has evolved from simple section control to individual nozzle control for precise application management. Delivering 3X the pulsing frequency of competitive systems and an exclusive A-B nozzle design, ExactApply maintains your target rate and pressure over a wider range of speeds, decreases overlap, reduces input costs and increases your productivity.

No more test-spraying from the cab. When checking the spray pattern after changing spray tips or looking for a plugged nozzle, the wireless key fob triggers a test spray from the ground.



Objects in motion

Experience a smooth, stable ride

From the moment our sprayers are set into motion, you'll feel a big difference in the ride. It's comfortable. It's smooth and steady. It's easy to maneuver. And it's designed to give your overall productivity a boost.

The ride is one of the best in its class. We've included two proven features to cushion you from the bumpiest paddock conditions – a paddock-proven dual strut independent wheel air-ride suspension and an auto air-spring levelling system. Both mean less operator adjustment in the paddock and on the road.

Designed with balance in mind, both the R4030 and R4038 benefit from enhanced overall weight distribution to deliver better balance on the road and in the paddock. Plus, our optional wheel slip control feature lets you run with confidence in mud and soft soil.

You have plenty of tyre options, too, with the versatility you need to handle all your paddock conditions. At the end of the day, a smooth, stable ride means you'll travel faster across the paddock, cover more hectares and increase productivity. Who doesn't want that?



Boom stability

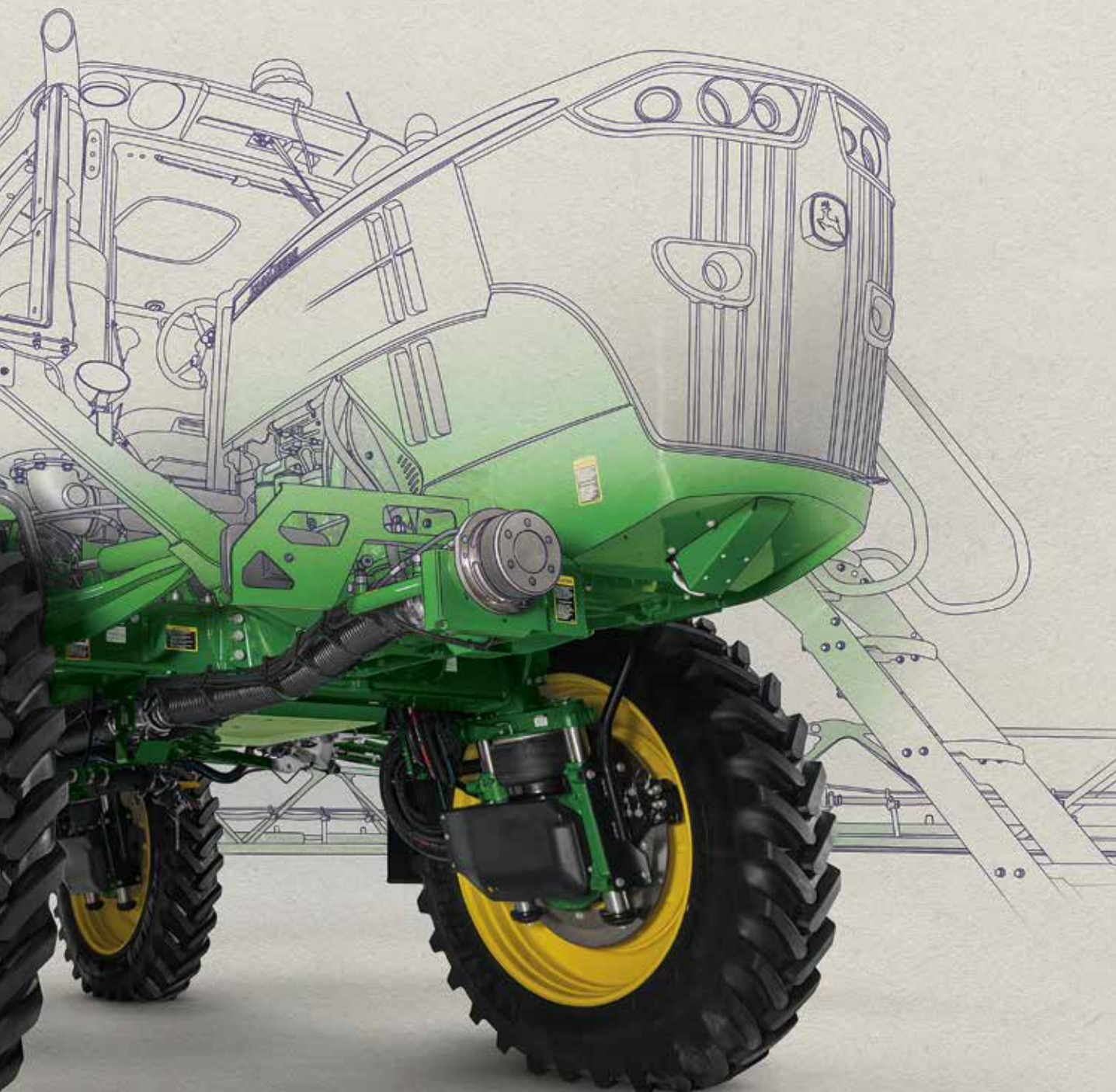
Our 4 Series Sprayers feature a swing-link suspension design to reduce vertical boom movement. And when your boom is stable, you get a more consistent spray height, reduced risk of downtime and crop damage, and less fatigue at the end of the day.



Suspension system

The dual strut independent wheel air-ride suspension cushions you from rough paddocks to allow faster speeds. The suspension design places two large struts and an air spring at each wheel to isolate operators from rough conditions. Up to 203 mm (8 in.) travel space also assures smooth ride.





Auto air-spring levelling system

Glide through your roughest paddocks and help keep the chassis level at all times, even as the spray tank empties. The chassis, axle and frame components are made from high-strength structural steel to handle rough paddock conditions.



Tyre options

Heavy-duty radial tyres deliver excellent traction in virtually any paddock conditions. Row-crop tyres (left) deliver an exceptional ride and reduced compaction due to lower inflation pressures and thicker sidewalls. Flotation tyres (right) get you to the paddock earlier and extend the use season. Also excellent for use in burndown and pre-emergent operations. Both row-crop and wide flotation tyres are available on all 4 Series Sprayers. In addition, IF and VF tyre options are available for reduced paddock compaction.

A paradigm shift

Precise, efficient solution systems

Completely redesigned from the ground up with the latest plumbing efficiencies, these sprayers offer higher application rates, extra versatility and faster loading times.

Boost application rates with high-low pump and flowmeter as high as 870 L per minute with the R4045 Sprayer and up to 850 L per minute with the R4038 Sprayer. Even the standard solution pump and single flowmeter option on the R4030 Sprayer delivers higher flow rates than previous models.

Take control of spraying precision, too. With John Deere Section Control, you spray just the areas you want – eliminating overlaps in the paddock and saving input costs. It's all automatic. Pair this with ExactApply™ for even more control of your droplets.



Direct Injection system increases your flexibility by changing rates and products on the fly without stopping to mix. The integrated system injects products directly into the system at the boom. The results: quicker changeovers, increased flexibility and lowered risk of using multiple products.





Exclusive Load Command™ system (above left) dramatically cuts loading time on the R4045 Sprayer only. Load the 4,500 L tank as fast as three minutes. System automatically disengages when your sprayer tank is full. Plus, there's reduced risk of any product exposure.

Front Fill (above) factory-installed option is available on select 4 Series models to deliver better accessibility and ease of loading to get you back in the paddock quickly. This feature supports both push-on and pull-on filling, and a simple switch interface lets operators choose which way they would like to fill. Side fill is standard on the 4 Series Sprayers.

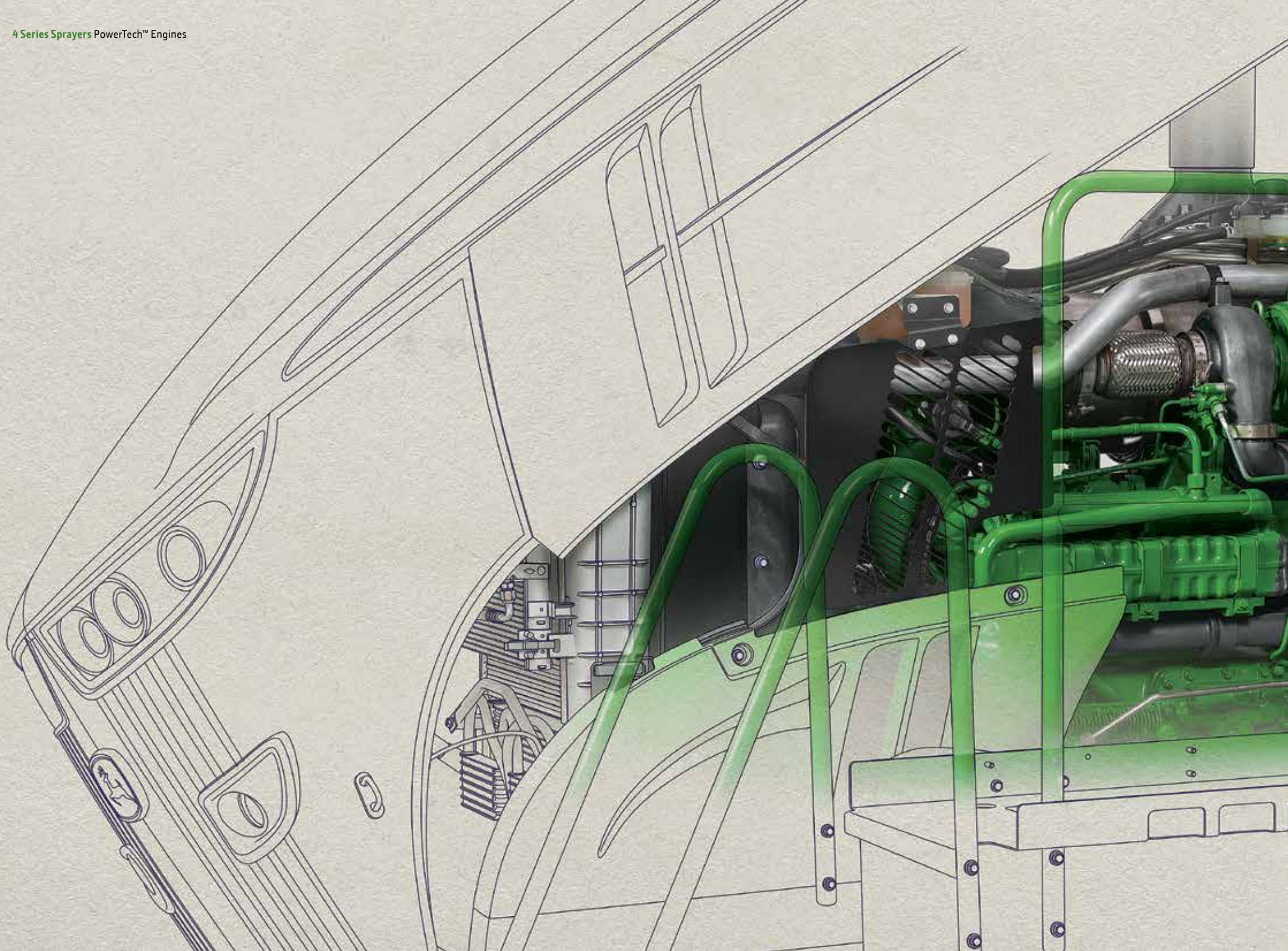
End cap aspirators on the end of each spray section reduce nozzle turn-off time by up to 85% and terminate dead ends that can collect unwanted product residue. Available in both standard and high-flow plumbing options – or stainless steel or poly options – this feature rids dead end space and allows air to be expelled.

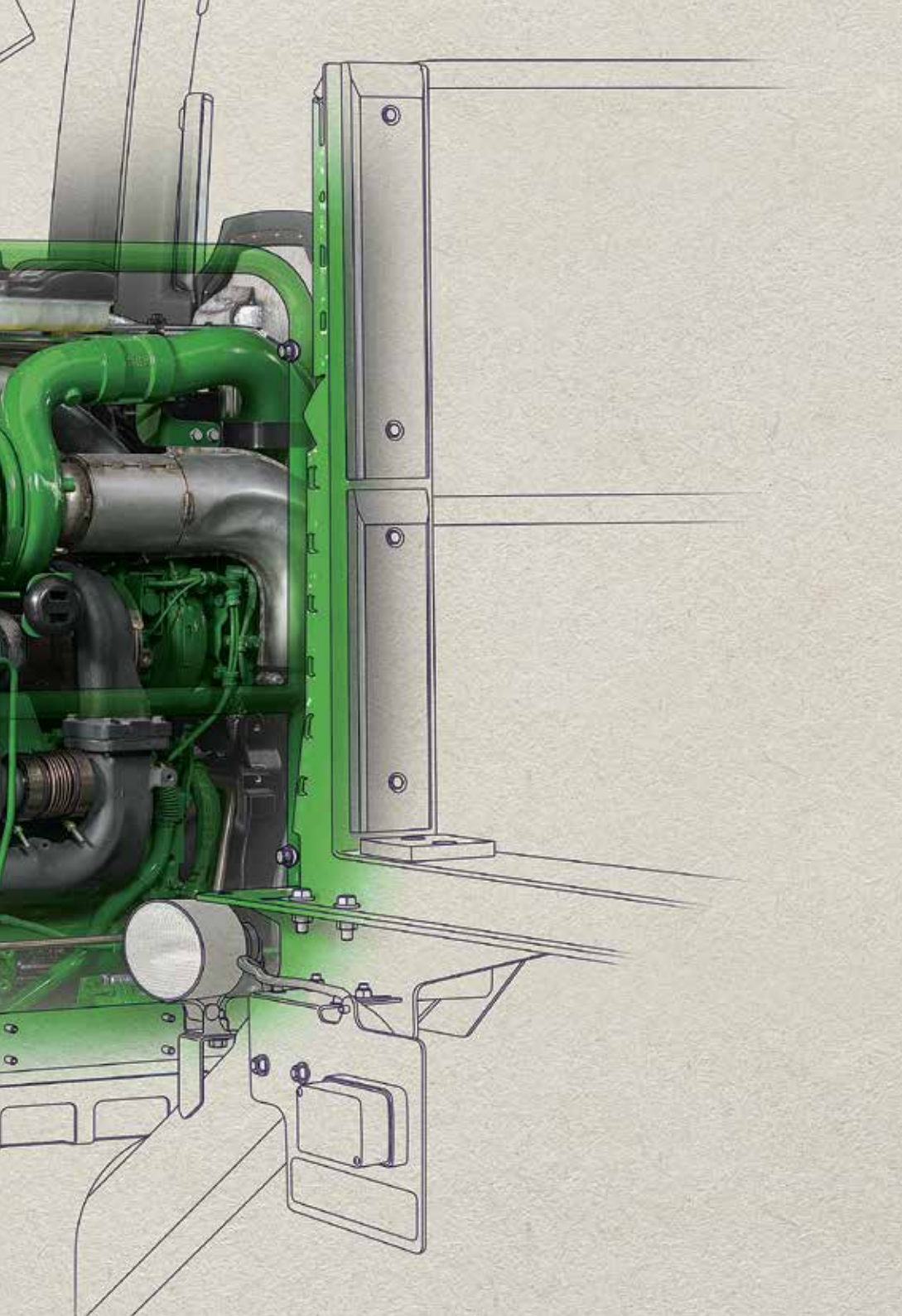
For the R4030/R4038/R4045 Sprayers, you can speed up load times with the optional **Solution Command System** (shown on far left) for push-button, automated loading that's easy for all operators. The manual loading system (above bottom) is standard.

Application rates

Model	High-flow pump, dual flowmeter*	Standard-flow pump, single flowmeter
R4030	N/A	Up to 640 L/min
R4038	Up to 850 L/min	Up to 640 L/min
R4045	Up to 870 L/min	N/A

*Optional equipment for R4038 Sprayer. All advertised rates in chart are measured with water.





Applied Power

PowerTech Engines from John Deere

It takes serious power to log serious hours and navigate tough paddock conditions across thousands of hectares. It takes PowerTech Engines from John Deere.

Featuring a fixed geometry turbocharger – designed to match the power level of the engine. Exhaust gasses drive the turbine wheel of the turbocharger assembly, which in turn drives the compressor, or intake side. The compressed discharge air is routed through a heat exchanger (charge air cooler) which cools the intake air. This helps to provide excellent torque at all engine speeds but most significantly at lower engine speeds for excellent load-starting capability. It also contributes to excellent fuel efficiency throughout the entire RPM range.

Advanced design features such as a 24-valve cylinder head (four valves per cylinder) give our 4 Series Sprayers plenty of efficient engine power. With all our sprayers, including the R4023, you can choose from engine power ratings from 129 to 258 kW (173 to 346 hp) to fit your operation.

Model	Engine kW (hp)	Power bulge kW (hp)	Working RPM	Displacement L (cu. in.)	Fuel tank capacity L
R4023	129 (173)	136 (182)	2,400	6.8 (414)	280
R4030	209 (280)	224 (300)	2,400	6.8 (414)	492
R4038	231 (310)	246 (330)	2,250	9.0 (549)	586
R4045	258 (346)	83 (379)	2,250	9.0 (549)	586

R4030 | R4038 | R4045 Law of Expansion

Run three seasons with dry spinner spreaders

Expand your productivity to three seasons with the ability to swap a liquid system to dry and boost your annual operating returns from each machine. We can compliment your fleet to meet peak demand with machines that are ready to perform when the demand is greatest.

Choose from two factory-installed and supported capacities for a perfect fit: the New Leader® DN456 Dry Spinner Spreader (5.6 cu. m / 200 cu. ft.) or the larger New Leader DN485 Dry Spinner Spreader (8.5 cu. m / 300 cu. ft.) available only for the R4045 Sprayer.

The G4 spinner assembly broadcasts crop nutrients faster, wider and more evenly than before in every pass. With a single bin configuration, material can be spread up to 32 m (105 ft.). For customers looking for dual product application, an optional stainless steel second product bin is available on both sizes. The dual hopper system features two independent conveyers that can simultaneously apply two products at different rates at widths up to 25.6 m (84 ft.). Single and MultiApplier setups allow nutrients to be spread at predetermined rates or variable-rate applications to fit your operation's needs.





1.5 m (5 ft.) dual bin insert with 1.87 cu. m (66 cu. ft.) capacity on DN456 and 3.00 cu. m (106 cu. ft.) on the DN485.

With the DN485, you can apply at rates as low as 56 kg/hectare up to 1,232 kg/hectare and still maintain an accurate spread pattern up to 32 m (105 ft.).

Keep spreading in the paddock longer. Load up to 9,072 kg of product in the DN485 hopper, available on the R4045 Sprayer. With the DN456 hopper, load up to 6,000 kg of product.

Dry Spinner Spreader Specifications

Dry application system	DN456	DN485
Sprayer compatible	R4045/R4038/R4030	R4045
Product spread	Dry fertiliser or lime*	Dry fertiliser
Capacity – no second product bin	5.6 cu. m (200 cu.ft.)	8.5 cu. m (300 cu.ft.)
Capacity – with second product bin	3.0 cu. m (106 cu.ft.)	4.59 cu. m (162 cu.ft.)
Capacity – second product bin	1.9 cu. m (66 cu.ft.)	3.0 cu. m (106 cu.ft.)
Drybox material	304 or Painted 409 Stainless Steel	304 or Painted 409 Stainless Steel
Spinner disc diameter	610 mm (24 in.)	610 mm (24 in.)
Fins per disc	4	4
Second product bin	Optional	Optional
Feedgate height	127 mm (5 in.) R4045 279 mm (11 in.)	127 mm (5 in.)
Rate control make	SpreadStar™	SpreadStar
Body length	3,353 mm (132 in.)	3,353 mm (132 in.)
Body length of second bin insert	1,524 mm (60 in.)	1,524 mm (60 in.)
Estimated weight	1,467 kg (3,240 lb.)	1,696 kg (3,740 lb.)
Spread pattern width with single product bin	18-32 m (60-105 ft.)	18-32 m (60-105 ft.)
Spread pattern width with second product bin	18-25 m (60-84 ft.)	18-25 m (60-84 ft.)

*Lime approved on the R4045 only.

Design by science

Observe the R4023 Sprayer

Smaller, odd-shaped paddocks require a special type of machine. One that can fit in tight spaces and maneuver tricky turns. One that keeps operators comfortable while maintaining power and efficiency. Our R4023 Sprayer delivers.

Trailer-ready adds to this sprayer's flexibility. The compact size lets you haul the R4023 on a trailer to get from paddock to paddock. It also easily stores in smaller buildings.

Unmatched precision integration eliminates the need for multiple displays. The R4023 Sprayer comes standard with a crisp, clear, high-resolution 4600 CommandCenter™ Display.

John Deere integrated technologies help you with the challenges of balancing the right sprayer adjustments all day for peak efficiency. The sprayer-specific CommandARM™ provides fingertip control of important functions and comes coupled with JDLink™ Connect capability and high-tech sprayer features like SprayStar™, John Deere Section Control, BoomTrac™ Pro and Boom Return to Height. And the new multi-function handle has six reconfigurable buttons, a scroll wheel to select speed range and provides better management of your headlands with the Headland Management System (HMS™) function.

Ride in comfort with the all-leather, heated, ventilated seat featuring nine vertical and lateral adjustments, back support and a larger seat cushion than before.

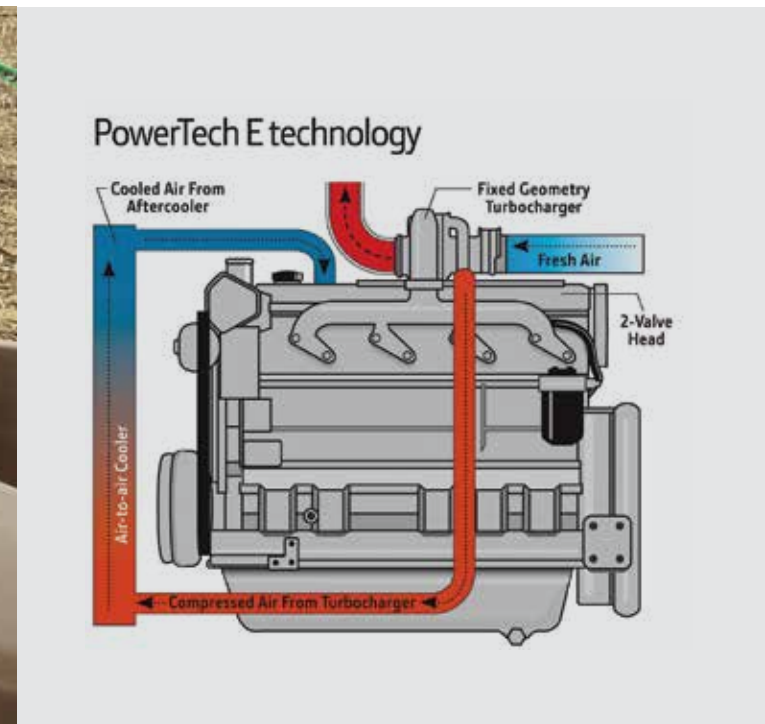
Soft Shock option is ideal for spraying in rougher terrain such as no-till or strip-tilled paddocks. It's built to absorb the forces these rough terrains can generate, ensuring a smooth ride and accurate spray patterns up to 32 km/h.

Auto-levelling package is standard on the R4023 to maintain the optimum inflation pressure in the air springs to deliver maximum control in varying paddock conditions.

Reduced paddock compaction with an IF tyre option for the 380 and 320 tyres to deliver a bigger footprint and less compaction in varying paddock conditions.

Two axle options – wide or narrow – let you choose the tread spacing that's right for your operation. These minimise compaction and provide flexibility to match the row crop spacings to your specific crop.





A high-resolution 254 mm (10 in.) GreenStar™ 4600 CommandCenter display and the smartly configured CommandARM for fingertip control of important functions.

24.4 m (80 ft.) or 27.4 m (90 ft.) booms you can fold to 18 m (60 ft.) for tighter paddock conditions. Strong 3D boom design gives the boom exceptional strength to resist fore-aft loads generated by starts, stops and turns, as well as demanding loads caused by folding and unfolding operations.

The PowerTech™ E 6.8 L Tier 3 diesel engine provides 129 kW (173 hp) with a five percent power bulge to 136 kW (182 hp) and 6,071 kg/cu. m (538 lb-ft.) of peak torque to get through tough paddock conditions.

A 2,300 L tank capacity designed with the size you need for your smaller, irregular-shaped paddocks.



Our network of integrated technologies

You're looking at the latest advances in technology – all fully integrated to deliver the most performance and cover more hectares in your day. Everything you see here has been designed for peak efficiency and precision.

AutoTrac™ sprayer guidance systems help protect you from what we like to call Row Rage. What's Row Rage you ask? It happens to the best of operators who steer by hand. That feeling of fatigue and frustration when you run over crops. That feeling of stress so severe it can reach the break point – that's Row Rage.

Our answer to Row Rage is two-part: **AutoTrac Vision** and **AutoTrac RowSense™**. Both of these hands-free guidance systems help operators of all experience levels keep their 4 Series Sprayer on track without taking out crops or wearing out operators.

AutoTrac Vision uses a front-mounted camera to see early-season corn, soybeans and cotton at least 152 mm (6 in.) high. An industry exclusive from John Deere.

AutoTrac RowSense uses a paddle sensor mounted on the sprayer's front wheels to feel mature cornstalks in late-season rows. Currently approved for 762 mm (30 in.) corn rows only.

With both systems, operators can spray faster with less fatigue – especially valuable in tight application windows. Increasing sprayer speed from 22.5 to 29 km/h can allow an operator to cover 20% more hectares every day. Plus, both systems dramatically reduce yield-robbing crop damage.



John Deere Mobile Weather provides instant, paddock-specific, on-the-go weather information to help you make the most of your application effectiveness.



The nucleus of your operation

John Deere Operations Center is the hub of your data collection and management.

It's never been easier to collect cost-saving data and seamlessly deliver it to you. With John Deere Operations Center, you'll gain access to prescription information and more, and have the ability to share it with trusted advisors to receive additional insights. And with additional remote support tools like JDLink™ Connect, Remote Display Access, Service ADVISOR™ Remote and our mobile apps, you'll minimise downtime and maximise data collection.

Remote Display Access lets you check your machine diagnostics, allowing owners, managers and even dealers (with your permission) the ability to view your display remotely and save a trip to the paddock.

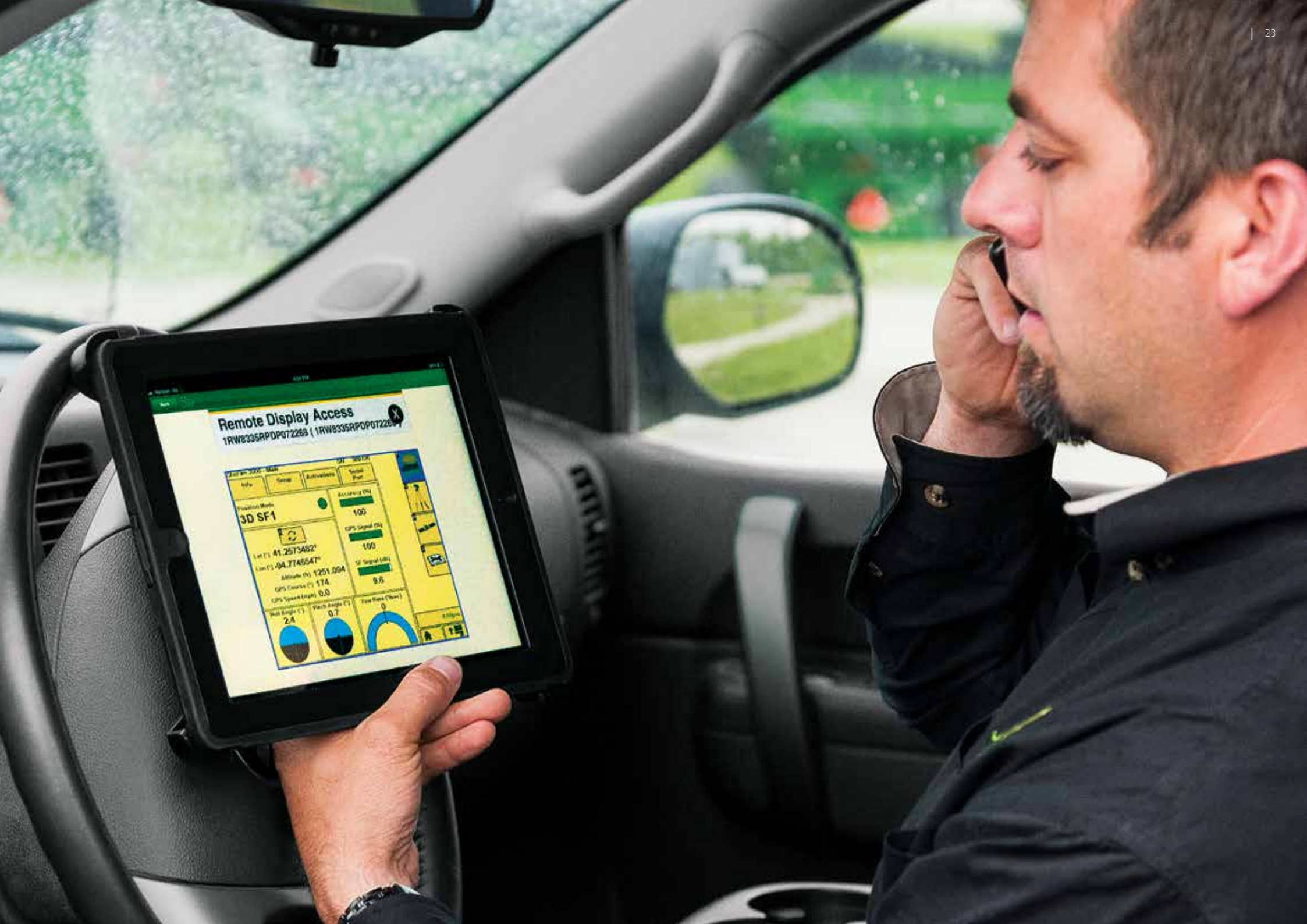
Service ADVISOR Remote with JDLink helps reduce downtime with your John Deere dealer's help. Your dealer can warn you of any potential problems with your machine and start working on a solution right away, saving on the technician's travel time and expense, and helping reduce your downtime.

Mobile apps provide data-driven insights at your fingertips anytime and anywhere. The **MyOperations™ App** connects you to in-cab displays and provides paddock productivity information, weather and fuel level data. Or try our **MyAnalyzer™ App** for access to documented map layers and farm summaries in the paddock and on the go. And the new **Connect Mobile App** lets you

make real-time decisions that make a difference while you're spraying. This iPad app delivers a nozzle-by-nozzle level of detail, in addition to as-applied rate, rate deviation and ground speed.

JDLink Connect lets you stay informed with machine logistics, receive real-time alerts and keep preventative-maintenance tabs on your machines, all from your office or mobile device. All new models come with one-year of free subscription to JDLink service. With John Deere Connected Support, your dealer can receive alerts and connect to your equipment. Most new John Deere machines come ready with 5 years of machine connectivity to enable these tools that you keep running.



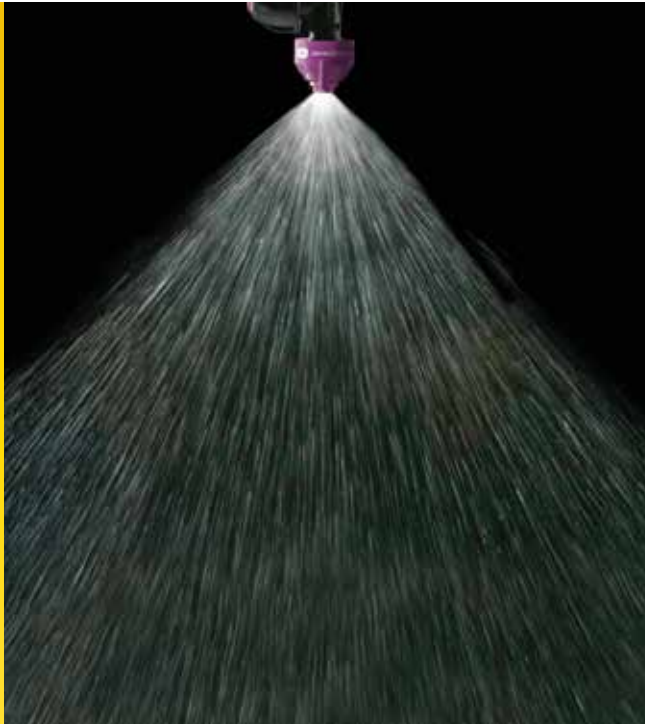


Remote Display Access 1RW8335RPPDP072269 (1RW8335RPPDP072269)

Info	Status	Activations	Serial Port
Position Mode	3D SF1	Accelerating (%)	100
Lat (°)	41.2573482°	GPS Signal (%)	100
Lon (°)	-94.7745547°	Signal Lock	9.5
Altitude (ft)	1251.094	Pitch Angle (°)	2.4
GPS Course (°)	174	Roll Angle (°)	0.7
GPS Speed (mph)	0.0	Yaw Rate (°/s)	0

Customise your sprayer, optimise your performance

John Deere performance parts and attachments are more than “nice to have” options. They make good business sense – saving you time, helping you protect your sprayer investment, boosting your efficiency, and making you more comfortable in the cab – so you can stay in the paddock longer. Check out the optional time- and money-saving parts and attachments for your John Deere sprayer. Then see your dealer for details on these productivity boosters and many more.



Technozzlegy™ (tek-noz'-uhl-jee)

The next generation of sprayer nozzle performance.

John Deere is redefining sprayer performance and accuracy with a concept so advanced we're calling it Technozzlegy. Engineered for pinpoint accuracy, each nozzle reaches the exact part of the plant you're aiming at for every application: fertiliser, herbicide, fungicide and insecticide. Ask your John Deere dealer for details. *For all 4 Series Sprayers.*



Flotation tyres

Extend the use season and get in the paddock earlier. Excellent for use in burn down and pre-emerge operations, and when paddocks are soft or wet. *For specific sizes, please refer to specifications chart on page 27.*



Underframe shields

Simply mount these shields to the underside of the chassis to help protect your crop from entanglement in vehicle components. Shields are mounted on hinges to allow quick, easy access to vehicle components. *For all 4 Series Sprayers.*



Fencerow spray nozzle kit

Increase your spraying coverage along fencerows with this kit. The XT nozzle helps you cover an additional 5 m (16.5 ft.) It's as easy as flipping a switch in the cab. Spray nozzles sold separately. *For all 4 Series Sprayers.*



Boom air purge conversion

During product changeover, the boom air purge conversion forces air through the boom to help clean it out. Activated via the GreenStar™ display. *For R4030, R4038 and R4045 Sprayers.*



Direct Injection

Now you can accurately inject product into the carrier flow without having to mix products in the solution tank. That means no more rinsing the tank prior to switching products – ever. The results are easier changeover between crops, faster loading times, and fewer wasted products. *For R4030, R4038 and R4045 Sprayers.*



	R4023	R4030	R4038	R4045
ENGINE				
Type	John Deere PowerTech™ E, Tier 3	John Deere PowerTech, Tier 2	John Deere PowerTech, Tier 2	John Deere PowerTech, Tier 2
Peak rated power	129 kW (173 hp)	209 kW (280 hp)	231 kW (310 hp)	258 kW (346 hp)
Power bulge	136 kW (182 hp)	224 kW (300 hp)	246 kW (330 hp)	283 kW (379 hp)
Displacement	6.8 L (414 cu. in.)	6.8 L (414 cu. in.)	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Fuel tank capacity	280 L	492 L	586 L	586 L
SOLUTION SYSTEM				
Capacity	2,300 L	3,000 L	3,800 L	4,500 L
Tank material	Polyethylene	Stainless steel or polyethylene	Stainless steel	Stainless steel
Rinse tank capacity	265 L	454 L	454 L	646 L
Quick Fill™ size	51 mm (2 in.) Side-Mount	76 mm (3 in.) Side-Mount; Optional 3-in. Front Fill	76 mm (3 in.) Side-Mount; Optional 3-in. Front Fill	76 mm (3 in.) Side-Mount; Optional 3-in. Front Fill or Optional LoadCommand™
Rate control make	SprayStar™ System	SprayStar System	SprayStar System	SprayStar System
Precision ag equipment	GreenStar™ 4600 CommandCenter™ Display	GreenStar 4600 CommandCenter Display	GreenStar 4600 CommandCenter Display	GreenStar 4600 CommandCenter Display
Suction strainer	16 mesh	20 mesh	20 mesh	20 mesh
Pressure strainer	50 mesh	50 mesh	50 mesh	50 mesh
Boom strainer	80 mesh	80 mesh	80 mesh	80 mesh
BOOM				
Boom width options, Steel	24.4, 27.4 m (80, 90 ft.)	27.4, 30.5, 36.6 m (90, 100, 120 ft.)	27.4, 30.5, 36.6 m (90, 100, 120 ft.)	27.4, 30.5, 36.6 m (90, 100, 120 ft.)
Plumbing material, Steel	Polypropylene pipe	Stainless steel (polypropylene optional)	Stainless steel (polypropylene optional)	Stainless steel (polypropylene optional)
Ground height adjustment, Steel	381 - 1,930 mm (15 - 76 in.)	498 - 2,451 mm (19.6 - 96.5 in.)	498 - 2,451 mm (19.6 - 96.5 in.)	498 - 2,451 mm (19.6 - 96.5 in.)
Breakaway length, Steel	1.8 m (6 ft.)	Tip-3.3 m (10.8 ft.) & Full Boom Breakaway	Tip-3.3 m (10.8 ft.) & Full Boom Breakaway	Tip-3.3 m (10.8 ft.) & Full Boom Breakaway
Boom sections, Steel	7	7, 9, 11	7, 9, 11	7, 9, 11
Boom width options, Carbon Fibre	N/A	36.6, 40.2 m (120, 132 ft.)	36.6, 40.2 m (120, 132 ft.)	36.6, 40.2 m (120, 132 ft.)
Plumbing material, Carbon Fibre	N/A	Stainless steel	Stainless steel	Stainless steel
Ground height adjustment, Carbon Fibre	N/A	498 - 2,451 mm (19.6 - 96.5 in.)	498 - 2,451 mm (19.6 - 96.5 in.)	498 - 2,451 mm (19.6 - 96.5 in.)
Breakaway length, Carbon Fibre	N/A	Tip-3.7 m (12.1 ft.) & Full Boom Breakaway	Tip-3.7 m (12.1 ft.) & Full Boom Breakaway	Tip-3.7 m (12.1 ft.) & Full Boom Breakaway
Boom sections, Carbon Fibre	N/A	11, 13	11, 13	11, 13
DRIVETRAIN				
Type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Drive	Full-time 4WD	Full-time 4WD	Full-time 4WD	Full-time 4WD
Shifting	Electrohydraulic	Electrohydraulic	Electrohydraulic	Electrohydraulic
Hydraulic reservoir capacity	60 L	98.4 L	98.4 L	98.4 L
Spray speed	32.2 km/h	32 km/h	40 km/h	40 km/h
Transport speed	43.5 km/h	48 km/h	56 km/h	56 km/h
CHASSIS				
Dry spinner spreader compatible	N/A	DN456 - 5.7 cu. m (200 cu. ft.)	DN456 - 5.7 cu. m (200 cu. ft.)	DN456 & DN485 - 5.7 or 8.5 cu. m (200 or 300 cu. ft.)
Suspension	Air bag/shock suspended axles	Dual strut independent wheel air-ride suspension	Dual strut independent wheel air-ride suspension	Dual strut independent wheel air-ride suspension
Ground clearance with standard tyres	1,270 mm (50 in.)	1,524 mm (60 in.)	1,524 mm (60 in.)	1,473 mm (58 in.)
TYRES				
In base	IF380/80R38	IF380/90R46	IF380/90R46	IF380/105R50
Optional	IF320/80R42, 380/80R38, 420/85R34	IF320/105R46, IF 320/90R50, 380/90R46, VF380/90R46, IF420/80R46	IF320/105R46, VF380/90R46, IF420/80R46	VF420/95R50, 480/80R50
Tread adjust	2,286 - 3,048 mm (90 - 120 in.), Wide 1,829 - 2,235 mm (72 - 88 in.), Narrow	Hydraulic 3,048 - 4,064 mm (120 - 160 in.) tyre size	Hydraulic 3,048 - 4,064 mm (120 - 160 in.) tyre size	Hydraulic 3,048 - 4,064 mm (120 - 160 in.) tyre size
Turning radius	4.9 m (16 ft.)	8.7 m (28.5 ft.)	8.7 m (28.5 ft.)	8.7 m (28.5 ft.)
Parking brake	Spring-engaged, hydraulic-disengaged disk pack	Hydrostatic	Hydrostatic	Hydrostatic
Ladder raise/lower	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Total dry wt., 24.4 m (80 ft.) boom, Steel	8,332 kg (18,370 lb.)	N/A	N/A	N/A
Total dry wt., 27.4 m (90 ft.) boom, Steel	N/A	13,550 kg (29,810 lb.)	14,015 kg (30,833 lb.)	16,068 kg (35,350 lb.)
Total dry wt., 30.5 m (100 ft.) boom, Steel	N/A	13,630 kg (29,986 lb.)	14,090 kg (30,998 lb.)	16,146 kg (35,521 lb.)
Total dry wt., 36.6 m (120 ft.) boom, Steel	N/A	13,890 kg (30,558 lb.)	14,345 kg (31,559 lb.)	16,400 kg (36,080 lb.)
Total dry wt., 36.6 m (120 ft.) boom, Carbon Fibre	N/A	12,684 kg (27,963 lb.)	13,304 kg (29,330 lb.)	15,444 kg (34,048 lb.)
Total dry wt., 40.2 m (132 ft.), Carbon Fibre	N/A	12,739 kg (28,084 lb.)	13,359 kg (29,451 lb.)	15,499 kg (34,169 lb.)
OPTIONS				
Air compressor	On Board Air Standard	On Board Air Standard	On Board Air Standard	On Board Air Standard
Foam marker compatibility	Injection Foamer	Injection Foamer	Injection Foamer	Injection Foamer
Chemical eductor	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Operator Station	Standard Cab or Premium Cab	CommandView III Cab	CommandView III Cab	CommandView III Cab
Direct Injection	N/A	Up to 890 L ; 3-product	Up to 890 L ; 3-product	Up to 890 L ; 3-product

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