

Challenger

ROGATOR C SERIES | RG900C | RG1100C | RG1300C

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**EVERYTHING ABOUT THIS MACHINE IS DESIGNED
TO DELIVER MORE PRECISE APPLICATION.**

RoGator

**WE JUST CHANGED THE GAME
IN PROFESSIONAL-GRADE APPLICATION.**





A lot has changed since we conceived the uniquely professional-grade, self-propelled sprayer in 1969. But one thing hasn't. Since the beginning, we've worked closely with ag retailers and professional producers to develop agricultural innovations to help them run a more profitable operation. This is what you told us:

You need your investment in every plant to pay off. You need a technologically advanced machine that works for you, not the other way around. You need a liquid system that keeps product mixed and in motion, reduces waste and minimizes contamination. Section control that's more precise than precise. A powerful, smart drive system that provides consistent power, consistent torque and consistent traction. So you can put all your energy into precision application. And you need a machine that anyone can easily learn and easily operate. Without a degree in astrophysics.

You asked for it. You got it. Introducing the new RoGator® C Series from Challenger®. **We call it Intelligent Farming. You can call it the new benchmark for professional application.**

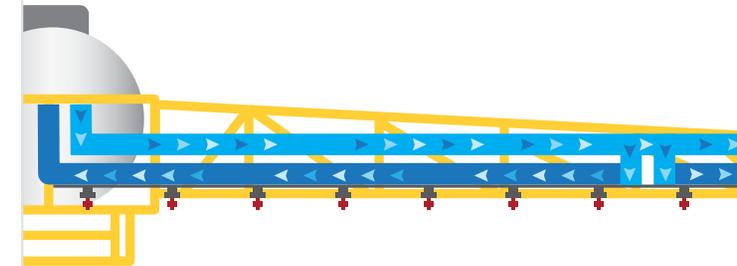
OPERATORS AND LIQUID SYSTEMS SHOULD ALWAYS BE IN CONSTANT MOTION.

HOW APPLICATORS
SPEND THEIR TIME:

<50%
applying product

>50%
prepping,
boom priming,
cleanout,
maintenance, etc.

THAT'S NOT THE MOST
PROFITABLE RATIO



Precision application can make the difference between a profitable year and a break-even year. So, when we set out to redefine the RoGator, we started with the liquid system. Our goals were simple: make agronomists happy by being safer for the crop, make accountants happy by minimizing product waste and improving precision and make the big boss happy by making his daily operation more productive. And, if you happen to be all three of those, well, this is definitely your machine.

LiquidLogic™ ARGUABLY THE WORLD'S MOST ADVANCED LIQUID-SYSTEM TECHNOLOGY

CONTINUOUS RECIRCULATION Our industry-exclusive FlowLogic™ system constantly circulates product through the boom, plumbing and filters. Start with charged booms without wasteful stationary spraying, apply with product always in motion to prevent settling and clogging and finish with a thorough rinse that significantly minimizes the risk of contamination.

LESS BUILD-UP, MORE PRECISION Streamlined plumbing eliminates dead ends where residues can accumulate, and product flows efficiently for the best possible tip-to-tip spray performance.

SELF-PRIMING BOOM Once the product pump and recirculation is turned on, product begins to flow through the entire boom plumbing, quickly priming the boom. You save time and money and place the product where it's needed.



PRIMING THE BOOM AFTER EACH PRODUCT CHANGE
WASTES APPROX. 3-4 ACRES OF PRODUCT.

$$\sim 4 \text{ ACRES} \times \sim \$30 \text{ PER ACRE} \times 10 \text{ CHANGES} = \sim \$1,200 \text{ SAVED}$$





LIQUIDLOGIC

YOUR ATTENTION TO DETAIL IS OBSESSIVE. OURS IS, TOO.

You've made it perfectly clear: every plant matters. Whether it's reducing overlap, ensuring perpetually mixed product or fully recovering unused product from the plumbing, we've reengineered every feature in our LiquidLogic system for more precise application. Maybe it's a bit obsessive. Until it's your fields that are delivering record results.

LESS OVERLAP, LESS CROP DAMAGE

Our NozzleLogic™ system controls up to 36 boom sections. Nozzle body valves provide precise on/off section spray control, so you spray where you want to, not where you don't.

PRODUCT STAYS PERPETUALLY MIXED

With the OptiMotion™ auto-agitation system, you preset the amount of agitation, and the machine automatically adjusts as the tank empties, letting you focus on application, not adjusting valves.

ALWAYS LOAD THE RIGHT AMOUNT

The OptiLoad™ front and side reload keypad lets you reload the precise amount for the acreage you're spraying. Pair with AgControl® to see a display of the remaining acres you can treat.



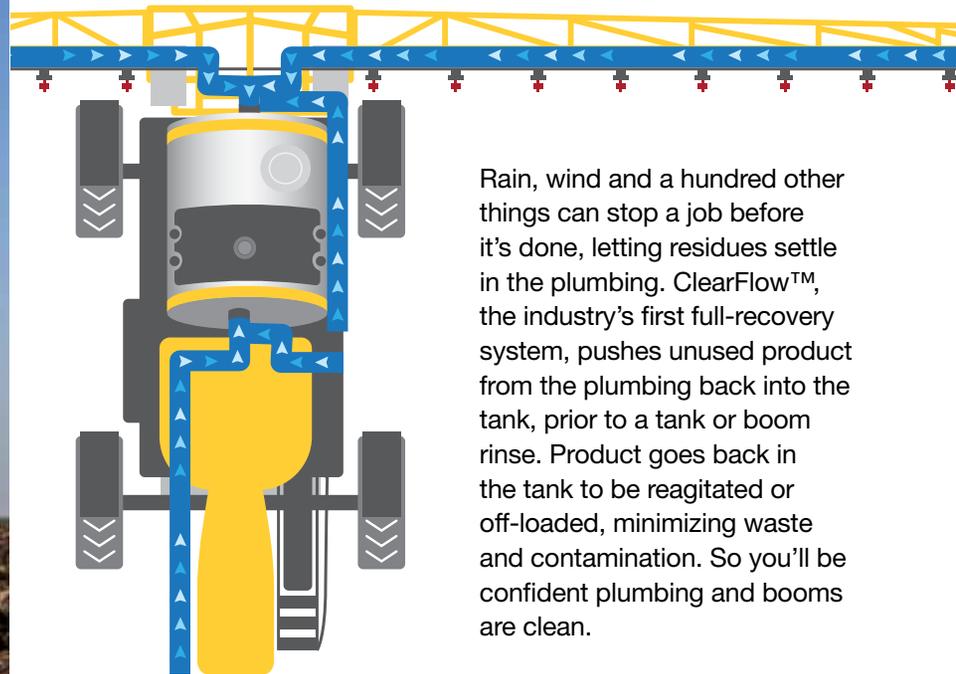
CHEMICAL INJECTION SYSTEM (optional)

Two-tank, two-pump, high-volume injection system helps manage chemical residue and complex weed resistance programs. New ground-fill and rinse system minimizes cross-contamination and speeds reloads.



ClearFlow

UNPRECEDENTED PRODUCT RECOVERY



Rain, wind and a hundred other things can stop a job before it's done, letting residues settle in the plumbing. ClearFlow™, the industry's first full-recovery system, pushes unused product from the plumbing back into the tank, prior to a tank or boom rinse. Product goes back in the tank to be reagitated or off-loaded, minimizing waste and contamination. So you'll be confident plumbing and booms are clean.



BOOM & DRY SYSTEM OPTIONS

BETTER BOOMS. BETTER YIELDS.

We offer the most boom options in the business. All of them are strong and durable booms, and some are longer and lighter than ever before.

- **Superior stability** — Get 90- or 100-ft. booms on the 90/100 rear boom frame for a lighter footprint, or 90-, 100- or 120-ft. booms on the 120 rear boom frame.
- **A wider, lighter footprint** — Optional 120- and 132-ft. aluminum booms are not only longer, but lighter. They also feature enhanced nozzle protection for even more precise product placement.



**COVERS UP TO 32% MORE GROUND
IN THE SAME TIME AS A STANDARD 100-FT. BOOM**



NO CROP LEFT BEHIND.

The more accurately you can apply dry product, the more your investment in every single crop can pay off. Enter the RoGator C Series. Uniform, precision placement means less variability from acre to acre. Crops aren't overfed. Or starved. Each one is treated just right.



AIR-MAX® 180

The industry's only pneumatic air spreader built for high-clearance, row-crop application gives you the versatility for year-round operation.

THE PRECISE PRESCRIPTION FOR ANY CROP Apply the rate each crop requires, when and where it's needed. You'll get optimal results with load, in every field, every time.

SECTION CONTROL Two 30-ft. sections deliver more accurate placement, which optimizes crop performance and uses your fertilizer investment more efficiently.

MULTI-BIN The 30-ft.³ (849.5-L) bin can be configured to deliver optimal crop nutrition with multiple products. Optional metering system handles main bin rates from 45–850 lbs./acre (50.4–952.7 kg./ha), granular bin rates from 3–65 lbs./acre (3.4–72.8 kg./ha).

BOOMS 60-ft. (18.3-m) booms made of five 304 stainless steel tubes. Patented Flat Flex design ensures precise application, despite wind or other outside factors.

STAINLESS STEEL DOORMAT CHAIN Heavy-duty, corrosion-resistant chain drives consistent, accurate product flow to the booms, for even application.

ENHANCED BOOM LIGHTING Provides excellent boom visibility for low-light or night work.

STANDARD ELECTRIC ROLL TARP Factory-installed to keep product dry and clean. Stainless steel end caps won't rust or crack.

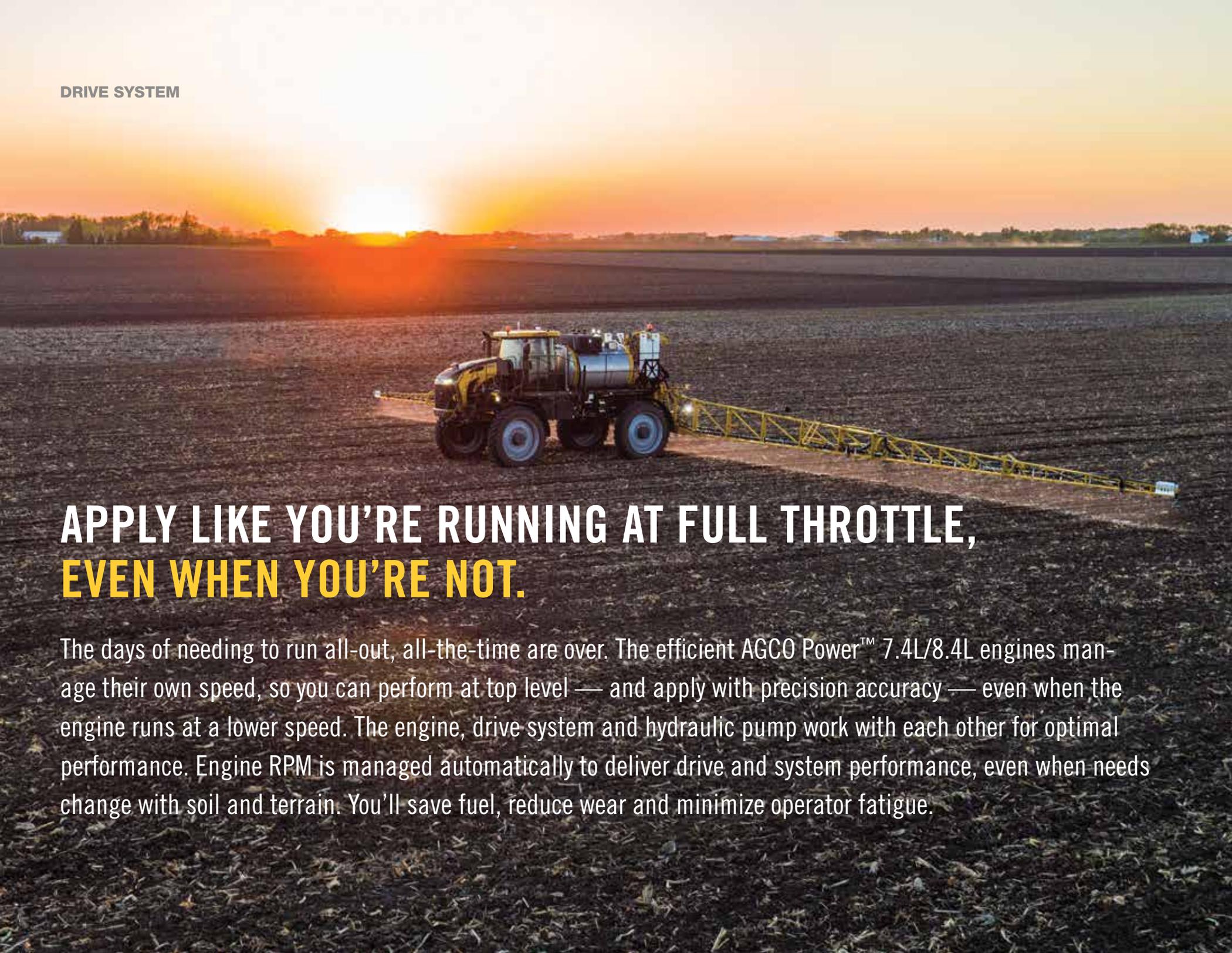


NEW LEADER® EDGE

Choose either the L4258G4 or the L4330G4 Crop Nutrient Applicator, both available MultApplier-ready or MultApplier-complete.

- **ISO interface** Consistent ISO product control system, regardless of terminal.
- **Boundary spreading** Independent spinner speed control slows one spinner down to keep product in the field.
- **Feed gate optimizer** Indicates achievable rates based on gate spreading.
- **Flip-up hillside divider** Flip up to provide storage when spreading lime. Flip down when applying fertilizer product.
- **Stainless steel durability** 304 stainless steel sills, cross tubes, mounts and take-ups extend box life.
- **Front/rear grease banks** Centrally located grease banks make service easier.

DRIVE SYSTEM

A yellow AGCO tractor with a long boom sprayer attachment is shown working in a field at sunset. The tractor is positioned in the center of the frame, moving from left to right. The background features a dark, plowed field under a bright orange and yellow sky, with the sun low on the horizon. The overall scene conveys a sense of agricultural efficiency and precision.

APPLY LIKE YOU'RE RUNNING AT FULL THROTTLE, EVEN WHEN YOU'RE NOT.

The days of needing to run all-out, all-the-time are over. The efficient AGCO Power™ 7.4L/8.4L engines manage their own speed, so you can perform at top level — and apply with precision accuracy — even when the engine runs at a lower speed. The engine, drive system and hydraulic pump work with each other for optimal performance. Engine RPM is managed automatically to deliver drive and system performance, even when needs change with soil and terrain. You'll save fuel, reduce wear and minimize operator fatigue.



A DRIVE SYSTEM THAT'S ALWAYS THINKING. EVEN WHEN THE OPERATOR IS THINKING ABOUT SOMETHING ELSE.

This drive system practically runs itself. From the tractor management system (TMS) to the AWD SmartDrive™, the core productivity drivers of this machine continuously work in the background, with virtually no input or management from you. The TMS automatically increases engine RPM when more power is needed, and reduces RPM when the running is easier. AccuCruise™ and shuttle speed controls work to achieve specific speed settings at the touch of a button, freeing the operator to focus on quality application. At the end of the day, you'll see unprecedented productivity, thrifty fuel consumption and a less-fatigued operator.

ENHANCED HYDROSTATIC BRAKING

The advanced anti-lock braking system (ABS) prevents skids and lock-ups for more controlled stopping.

OPTIONAL HILL-CLIMB PACKAGE

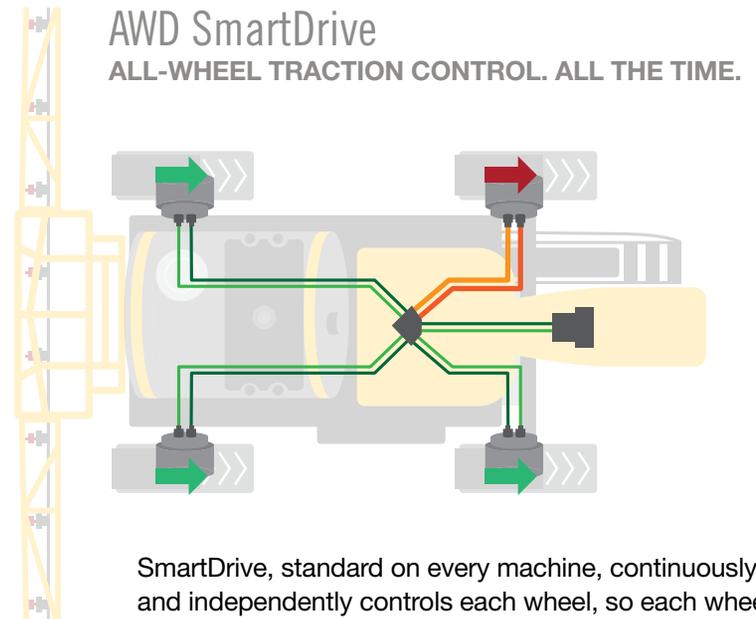
Regions like the Palouse in the northwestern U.S. feature some of the steepest, most rugged terrain in agriculture. The RoGator C Series has a package for that.

TURN-COMPENSATED WHEEL SPEED

Control wheel speed independently at each wheel, so the machine can drive the outside wheels faster in tight turns. This creates less soil disruption and less crop damage.

QUICK FAMILIARITY

Functional operation is similar to other cutting-edge AGCO® equipment, so operators can easily move between machines.



SmartDrive, standard on every machine, continuously and independently controls each wheel, so each wheel always gets all the torque it needs, when it needs it. Wheel slip is automatically countered by sending more power to the gripping wheels, while managing the slipping wheel to regain traction. The best part: you don't even have to tell it to do it.

A John Deere tractor pulling a RoGator C Series sprayer through a field of green crops at sunset. The tractor is positioned in the middle ground, moving from left to right. The sprayer has a long boom with multiple nozzles. The field is filled with lush green plants, and the background shows a line of trees under a warm, orange sky.

EASY TO OPERATE & CREATURE COMFORTS

EVEN YOUR NEWEST OPERATOR CAN APPLY LIKE A PRO IN NO TIME.

Today, operators come with a wide range of experience. No worries. The RoGator C Series is built for all of them. When we say it's easy to learn and easy to run, we're not kidding. With so many productivity systems continuously working in the background of this machine, your operators can focus on the craft of precision application, not going to night school for their computer science degree.



SO INTUITIVE, EVEN THE CAMERA TURNS ITSELF ON.

Precision productivity starts with smart, intuitive features that help you do more with less effort in less time. For this RoGator, we looked at every little thing and asked ourselves, “Can we make it better?” You be the judge.

LIGHTING KEYPAD Customize your lighting once, then control it easily with a single button.

NEW FLOATING ARMREST New ergonomically improved, adjustable armrest puts the joystick, section switches, boom controls and liquid system controls at your fingertips.

BLUETOOTH® New Bluetooth microphone improves focus, while keeping you connected at all times.

AUTO-TRACK ADJUST Position wheels for different row spacing. Choose between two preset widths, or use offset widths to minimize compaction.

REAR-VIEW CAMERA (standard) Set it to come on automatically when you go into reverse or on the road.

DEF SIGHT GLASS WINDOW Easily see the diesel exhaust fluid (DEF) tank level to prevent overfills and spills.

SELF-CANCELLING TURN SIGNALS Focus on the job, not turning off the signal.

USB POWER PORTS Keep electronics constantly charged.

COMMON KEY The ignition key also unlocks the door, lockable fuel caps and toolbox.

HOOD LATCH Push-button hood latch locks the hood for better security.



NO. YOU WON'T NEED A TEAM OF I.T. PEOPLE TO MAKE IT WORK.

You can't be a precision applicator if there has to be a computer geek riding in the jump seat while you work. As we've pushed ourselves to add more capability and technology to our equipment, we've also been driven to make their actual operation easier. Simply put, the RoGator C Series is packed with advanced technology, but it's not intimidating at all.

This machine is built around a simple, intuitive operational platform that virtually anyone can master. We call it the AccuTerminal™, a universal interface that lets you control and monitor virtually all chassis and machine functions right at your fingertips.

INTUITIVE COMMAND CENTER Operating elements on the comfortable, floating armrest include the AccuTerminal, multifunction joystick and keypad.

VIEW UP TO FOUR FUNCTIONS AT ONCE Customize your terminal to view one function or up to four different ones simultaneously.

SIMPLE, INTUITIVE CONTROLS Engine, transmission, hydraulic, axle, spray functions, one-touch fold, electric sump, pump, main shutoff valve (MSO), recirculation, system maintenance and more are easily managed right from your fingertips.

THE ACCUTERMINAL PUTS YOU IN TOTAL CONTROL.

The following technology is factory-integrated in the AccuTerminal:

SLICK SCREEN NAVIGATION The 10.4-in. AccuTerminal has a smartphone look and intuitive touch-screen technology surface that lets you easily maneuver through functions. The high-resolution, scratch-resistant screen and all function indicators automatically adjust to match light conditions.

RATE AND SECTION CONTROL AgControl rate and section control lets you control up to 36 sections with tip-to-target accuracy, and seamless integration between software, pump, plumbing system and all chassis functions. Or control up to 16 sections with the optional Raven® Viper® 4 controller.

GUIDANCE TECHNOLOGY With the new Challenger Auto-Guide™ guidance system, you will acquire way lines and steer accurately, even in difficult reception conditions.

- Sub-meter to centimeter accuracy minimizes overlap and skips.
- The same accuracy while working in foggy and dusty conditions, day or night.
- Reduces operator fatigue.
- Multitask in the cab, including system monitoring, calls and operation management.
- Complete jobs faster with greater precision.
- Reduce inputs (fuel, labor, product, etc.).
- Integrated hardware for less cab clutter.
- Reduced machine wear and tear.

HEADLAND MANAGEMENT With AccuField Command™ headland management, operators can activate automated operating sequences at headlands with the touch of a button, saving time and improving productivity.

GPS RECEIVER OPTIONS Choose the best navigation accuracy level and signal source for your operation; options available from NovAtel® and Trimble®.

CAMERA INTEGRATION The AccuTerminal has up to two camera connections. Set one to automatically switch to full-screen when reversing. Camera images can also be displayed as a quarter-screen to ensure all relevant information is in view. You can also optionally add four more cameras with an additional display.

RAVEN TECHNOLOGY Options for rate and section control, steering, boom height and Slingshot®-ready wiring can help you integrate your RoGator C Series machine into an existing fleet, with a familiar feel.



AgControl rate and section control, Auto-Guide position and steering and VRT prescription map screens shown.



AgControl rate and section control, TaskDoc data management and VRT prescription map screens shown.

FUSE CONNECTED SERVICES



YOUR LINK TO OPTIMIZATION AND UPTIME Too busy to monitor everything yourself? Fuse® and your RoGator dealer have your back. Fuse Connected Services lets you receive equipment and operational support from your AGCO dealer. Through a combination of technology products and dealer services, you can improve efficiency, increase productivity and optimize farming operations throughout the crop cycle. Services include off-season inspections, preventative maintenance, condition monitoring, training and year-round support.

THE FUSE CONTACT CENTER provides real-time support for product set-up, operation and calibration. Call AGCO Answers: (877) 525-4384.

TECHNOLOGY SHOULD WORK FOR YOU. NOT THE OTHER WAY AROUND.

Data and connectivity are powerful tools. But you should never feel like they're holding you hostage. Fuse, AGCO's next-generation approach to precision agriculture, offers advanced technology solutions to support the entire crop cycle. From planning, field prep and planting through crop care, harvesting and grain storage, Fuse Technologies and Fuse Connected Services help you connect your farm assets. They provide the support to help you manage farm data, make more informed business decisions and reduce input costs.

SAVE TIME, IMPROVE ACCURACY

Send daily work prescriptions to your RoGator, then use the applied data to see exactly what you and your crew accomplished. TaskDoc®, integrated right into the AccuTerminal, lets you track fuel consumption, distance, area worked, etc. for each field. Compare the productivity of different driving strategies and sprayer settings. Whether you use the wireless or USB capabilities, better connected means better performance.

SEAMLESS. FINALLY.

You or your agronomist can send files directly to the machine, without a complicated 10-step process. A growing list of farm management information software (FMIS) can link directly to your machine. One simple click sends or receives files.

GO. GO. GO.

Downtime is like burning cash. Avoid it with AgCommand®* telemetry, delivered with our industry-first satellite and dual-band cellular technology that connects you, your machine and your dealer, if you wish. Monitor near-real-time performance, stay on top of maintenance intervals and even predict trouble before it stops you.

ALWAYS SIMPLIFYING

Fuse® Technologies is always working to simplify your world, with tools like the online Wayline Converter Tool and an expanding list of industry connections.

STEER CONFIDENTLY

In the field, there are a hundred things you need to watch to get the job done just right. Auto-Guide takes care of the automatic steering, so you can focus on precision application.

EVERY DOLLAR COUNTS

Everybody talks precision. Experience it for yourself with AgControl rate- and section-control, perfected specifically for this machine.

*AgCommand is a 24-hour service, running continuously. It is available in one-, two- or three-year subscription plans. Contact your dealer for service renewal. Important: Your data is your property, protected by your password. Use care when sharing your password.



OPERATOR OF THE YEAR Since 2006, AGCO has proudly presented the Operator of the Year award, chosen from nominations by ag retailers across North America. The award honors one operator who goes above and beyond, in the field and in his community. Not only is this unsung hero awarded a Harley-Davidson® motorcycle, but we gain valuable insight from his experience and commitment. To learn more, visit applylikeapro.com.

ROGATOR C SERIES SPECIFICATIONS*

MODELS	RG900C	RG1100C	RG1300C
DRIVE SYSTEM			
Management	TMS – smart power and RPM automation		
Traction control	AWD SmartDrive four-wheel independent traction and speed control, standard		
Speed control	AccuCruise speed presets (2 field, 2 road); forward and reverse shuttle		
SYSTEMS			
Combo chassis	Yes	Yes	Yes
Std. volume liquid system	186 GPM	186 GPM	186 GPM
High volume liquid system	N/A	299 GPM	299 GPM
LiquidLogic liquid management	FlowLogic recirculating boom; NozzleLogic at-nozzle shut-off; OptiLoad level sensor, keypad w/ display and in-terminal readout; OptiMotion auto-scaled agitation; Opt. ClearFlow boom clean out/recovery		
Booms – ft. (m)	90/100/120 (27.4/30.5/36.6) Std.: stainless steel recirculating plumbing 120/132 (36.6/40.2) aluminum boom with stainless steel recirculating plumbing for 20 in. (.5 m) spacing		
Dry systems – ft. ³ (m ³)	New Leader Edge spinner 258 (7.3) MultApplier-ready or MultApplier-complete		Air-Max 180 w/ or w/o granular; New Leader Edge spinner 258 (7.3) or 299 (8.5), MultApplier-ready or MultApplier-complete
WEIGHTS*			
Weights (full fuel) – lbs. (kg.)	27,850 (12,633) 90 ft. steel booms	28,390 (12,878) 120 ft. steel booms	31,890 (14,465) 120 ft. steel booms
SPEED			
Field speed – mph (kph)	26 (42)	26 (42)	26 (42)
Road speed – mph (kph)	33 (53)	33 (53)	36 (58)
ENGINE			
Make	AGCO Power		
Model	AP74-4	AP84-4	AP84-4
Number of cylinders	6		
HP @ 2,100 RPM (kW)	280 (209)	315 (235)	339 (253)
Peak HP @ 1,900 RPM (kW)	302 (225)	341 (254)	370 (276)
Displacement – in. ³ (L)	452 (7.4)	512 (8.4)	512 (8.4)
Torque @ 1,500 RPM	885 ft.-lbs. (1,200 Nm)	1,106 ft.-lbs. (1,499 Nm)	1,180 ft.-lbs. (1,600 Nm)

*Specifications are manufacturer's estimates at time of publication and are subject to change without prior notification. Actual weight will vary depending on optional equipment.

MODELS	RG900C	RG1100C	RG1300C
FINAL DRIVE			
Wheel motor type	Variable displacement		
Wheel motor size	80 cc	80 cc	110 cc
Standard gearbox	26.6:1	26.6:1	22.1:1
High-torque gearbox	N/A	N/A	31.7:1
FLUID CAPACITIES			
Fuel – U.S. gal. (L)	150 (567)		
Diesel exhaust fluid – U.S. gal. (L)	15 (56.7)		
Hydraulic reservoir – U.S. gal. (L)	60 (227)		
Engine oil – qt. (L)	24 (22.7)		
Engine coolant – qt. (L)	34 (32)		
Gear box – qt. (L)	4.5 (4.3)		
Windshield washer reservoir – qt. (L)	1.6 (1.5)		
BRAKES			
Primary	Hydrostatic dynamic braking		
Service	Hydrostatic plus disc brakes on front wheels		
Parking	Multiple discs in gearboxes		
CAB			
Cab suspension	Isolator mount with optional air ride cab		
Radio	AM / FM CD with weather band with Bluetooth and mic. Opt. satellite radio		
HVAC	Automatic temperature control		
Filtration	Three-level activated carbon		
Steering wheel	14-in. diameter, leather-wrapped		
Standard seat	Air-ride seat suspension (cloth)		
Optional seat	Heated/vented leather		
CONTROLLERS			
Std.	AccuTerminal with AgControl rate and section control, 35/36 sections.		
Opt.	Raven Viper 4 with AccuBoom™ section control, 15/16 sections		

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AGCO FINANCE®

At AGCO Finance, we understand that financing is as much a part of your purchase decision as the features and benefits of the product. So, we're committed to providing the best means of acquiring the equipment you need, while allowing you to preserve other credit lines of operating capital. agcofinance.com

AGCO PARTS

AGCO Parts supports dealers with world-class service, providing tools like agcopartsbook.com to put parts information at your fingertips 24/7.

AGCO GLOBAL IPAD® APP

AGCO's full line of application equipment is now featured on a new iPad app. The highly interactive app features 3D walkarounds of each machine, downloadable product information, videos, a dealer locator and more. The app is free at the Apple® iTunes® Store.

AGCO ANSWERS

At AGCO, customer care isn't just a department. It's a commitment. Contact us with your questions. We'll do our best to answer them promptly or put you in touch with someone who can. **(877) 525-4384** or agcoanswers@agcocorp.com

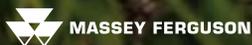
SPRAYPARTS.COM

The application industry's leading online source for all your sprayer part needs. Backed and supported by AGCO Parts and the AGCO Parts' dealer network, sprayparts.com is known for providing easy access to all your genuine sprayer parts, at competitive prices.



For more than 25 years, in more than 140 countries worldwide, AGCO has been on a mission to become the single resource farmers can depend on for innovative, leading-edge thinking, equipment and technology. And, today, you know AGCO brands, even if you don't know the AGCO name. While AGCO equipment may not all share the same logo or same color, they all have one thing in common — the ability to help farmers be as productive and profitable as they can possibly be, regardless of the tasks at hand. agcocorp.com

Challenger



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