


RoGator C Series
RG1100C | RG1300C

EVERYTHING ABOUT THIS MACHINE
IS DESIGNED TO DELIVER
MORE PRECISE APPLICATION



**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.

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.

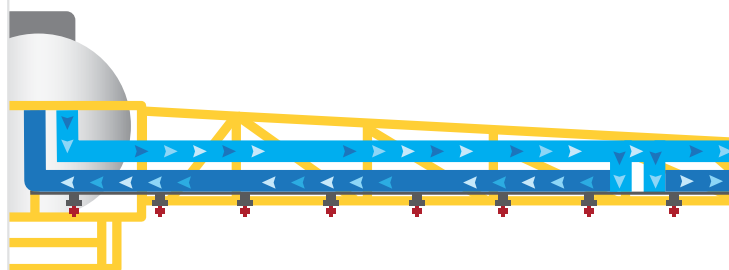
HOW APPLICATORS
SPEND THEIR TIME:

<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 minimising product waste and improving precision and make managers happy by making daily operations more productive. And, if you happen to have the same goals, 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 and sweeping elbows eliminate 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 AT LEAST 1 HECTARE OF SPRAY.**





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 re-engineered every feature in our LiquidLogic system for more precise application. Maybe it's a bit obsessive. Until it's your crops 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

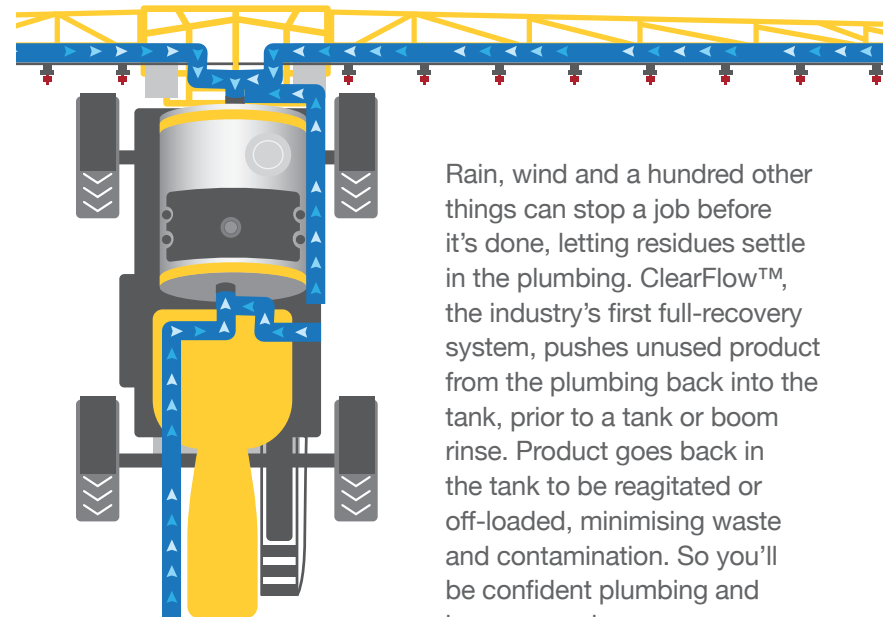
The OptiLoad™ front and side reload keypad lets you reload the precise amount for the acreage you're spraying. Pair with AgControl® to see a display of the remaining acres you can treat.

3" FILL PUMP (optional)

The hydraulically driven 3" fill pump gets liquid into the machine fast and negates the need for an external filling device.



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, minimising waste and contamination. So you'll be confident plumbing and booms are clean.



BOOM OPTIONS

BETTER BOOMS. BETTER YIELDS.

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

- **Superior stability** — Uniquely mounted to a mast instead of a parallelogram, our booms not only have an incredibly stable platform to work from but boom weight is kept as far forward as possible giving our sprayers an impressive front to rear weight split.
- **A wider, lighter footprint** — Now available is the industry leading 48 metre aluminium Pommier boom to provide the perfect blend of productivity and reliability for those farms where size does matter.



**48 METRE ALUMINIUM POMMIER BOOM
AVAILABLE ON ROGATOR RG1300C**



NO CROP LEFT BEHIND.

The more accurately you can apply, 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.



POMMIER BOOMS – BIG BOOMS FOR BIG ACRES

The RoGator RG1300C is available with a 48 metre, aluminium Pommier boom. Pommier are world-wide industry leaders in aluminium boom innovation, design and manufacturing. They have over thirty years of experience and are the best solution for farmers wanting a lighter, stronger, wider boom.

LESS WEIGHT

FACT 1: Aluminium booms weigh less than steel booms, simple as that.

FACT 2: Increased momentum is influenced by increased weight.

Reducing the weight on the boom wings which is ultimately transferred to the centre when spraying, will improve the sprayer's overall field performance.

The profile of the Pommier 48 metre aluminium booms have a low weight and ability to withstand heavy work loads. They are proven to be 50% lighter and 20% stronger than their closest competitor product.

LONGEVITY

Aluminium has unique properties that ensure long lasting performance and very little maintenance. Pommier booms are corrosion resistant due to surface oxidation protecting the aluminium, so there's no reason to paint!

NORAC UC7 BOOM HEIGHT CONTROL

This is a standard feature of the 48 metre Pommier boom and allows the boom to shadow the ground – even in rough or hilly terrain to maintain an optimum boom height, reduce drift and improve stability.

WING FOLD

Hinge points, pins and locks are made from steel where the duty cycle is high and adjustment may be required. The boom alignment can be adjusted quickly and simply at the hinge points.

WING LOCK

The wing section have a mechanical self-lock and a hydraulic unlock.

MULTI-DIRECTIONAL BREAKAWAYS

The breakaways are designed with the ability to move backwards, forwards and up.

LIGHTER, STRONGER, WIDER

**POMMIER BOOMS ARE PERFECT FOR
TOUGH AUSTRALIAN CONDITIONS**

CROPLANDS OPTIONAL LOGIC3

3 TIERED APPLICATION

Some growers face the difficult task of spraying in a wide range of speeds and often have trouble with accurate and reliable application in all areas of their paddocks. LOGIC3 makes life easy by switching a second set of nozzles on or off to ensure you have the right rate applied across your entire paddock. A fantastic option for operating in hilly terrain or with contours.



SAVE TIME, IMPROVE ACCURACY

The 3 tiered software automatically selects the nozzles to ensure efficient spraying over a large speed range, for example: tier 1 may use Green 015 nozzles over contour banks and as speed increases tier 2 turns on using a Yellow 02 nozzle and at higher speeds both lines turn ON delivering the equivalent volume as an 035 nozzle.

With triple nozzle bodies fitted standard to all of our sprayers the LOGIC3 system can be fitted with a range of nozzles to ensure constant and reliable application in virtually any spraying scenario encountered in the Australian broadacre market today.

The new LOGIC3 design has been refined with stainless steel boom tubes for improved fast flow, back to tank recirculation and easy boom clean out.

Priming the boom for consistency in application is also more efficient with LOGIC3. LOGIC3's Air Flush feature makes the process of decontaminating the sprayer fast and efficient by evacuating all chemical and boom cleaners from the boom lines with simple air pressure.

SUPERIOR APPLICATION

Delaying the onset of herbicide resistance is imperative for future farming efficiencies. LOGIC3 improves penetration using closer nozzle spacings. It also better matches droplet spectrums to the target, for example in grasses coverage can be maximised. LOGIC3 has been developed to deliver – even in Australia's most challenging conditions.

LOGIC3 uses a single stainless steel boom tube with nozzles at 250mm or 10" spacings. Every second nozzle is connected to tier 1 and the other nozzles connected to tier 2.

Auto Section Controls can now function immediately with the valve at the nozzle body. ON/OFF is fast to gain the maximum benefit of AutoSection Controls.

LOGIC3 uses a touch screen tablet that gives total control of tiered settings from the cab seat. Utilising a WIFI app specifically designed to run the LOGIC3 system, it allows accurate pressure switching to achieve the best possible application.

Also available with the tablet is the ability to remote control all nozzles for cleaning and testing of the system while stationary and from outside the cab.

MORE OPTIONS, MORE CONTROL

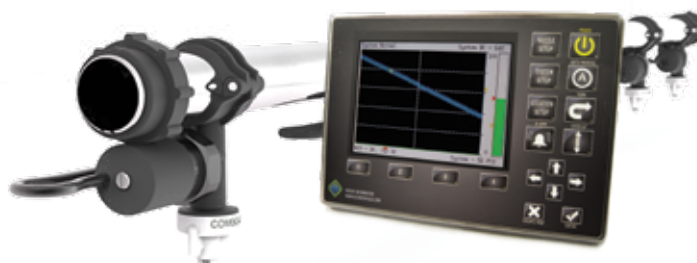


CAPSTAN PINPOINT II PWM NOZZLE CONTROL SYSTEM

CapstanAG™ PinPoint® II is the nozzle control system with experience. Application technology with results, the PinPoint® II system utilises blended pulse PWM technology to give constant flow and pressure over a wide speed range. With an interactive CapView II real time display and individual nozzle boundary control, accurate and repeatable application with maximum coverage can always be achieved. Speed up, slowdown, turn, overlap, or any combination of those variables will not affect the consistency built into the system.

FEATURES

- Individual nozzle control at 10" spacings – a great feature for improved coverage.
- Turn compensation.
- Valve diagnostics.



SOLSTEER GPS BRIDGE

Use a true John Deere signal to autosteer your RoGator with a new solution from Croplands and SolSteer. The system is a “bridge” between the RoGator steering

system and a John Deere controller and receiver that allows the John Deere display to create maps in the correct format while also providing straight AB-Line, curve or circle-track autosteer.

To create AB-Lines, the operator uses the John Deere display with current position determined by a receiver and fed back to the “bridge” to create steering instructions for the sprayer.

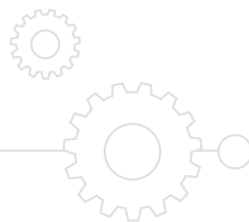


A yellow AGCO tractor with a sprayer attachment is shown working in a dark, tilled field. The scene is set at sunset, with a bright orange sun low on the horizon, casting a warm glow over the landscape. In the background, a line of trees and a few farm buildings are visible under the orange sky. The tractor is positioned on the right side of the frame, moving towards the left, with its headlights on. The overall mood is one of quiet productivity and efficiency.

DRIVE SYSTEM

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, allowing 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

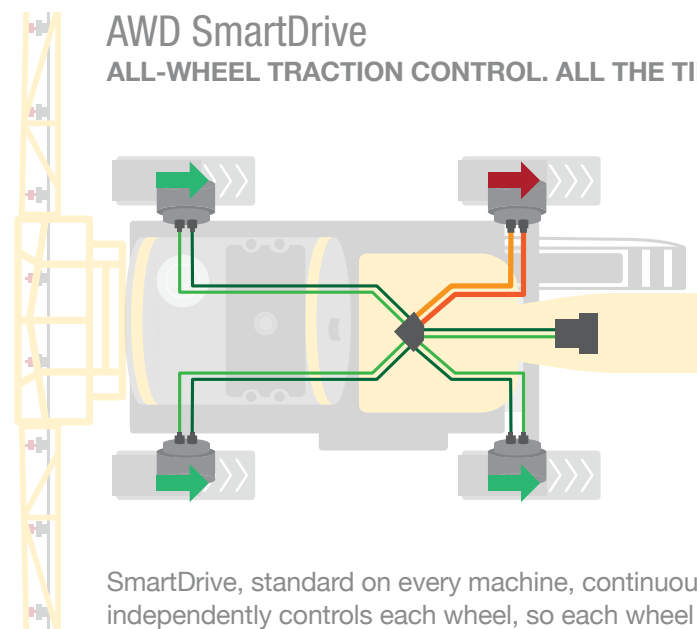
Control wheel speed independently at each wheel, so the machine can drive the outside wheels faster in tight turns. This creates less soil disruption and less crop damage.

QUICK FAMILIARITY

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

AWD SmartDrive

ALL-WHEEL TRACTION CONTROL. ALL THE TIME.



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.

“I think the drive system is part of the reason for the machine’s fuel economy and believe it will drastically cut our fuel consumption.”

Walter Priestly, Texas

A John Deere RoGator C Series tractor is shown in a field, equipped with a long spray boom. The tractor is positioned in the middle ground, moving from left to right. The field is lush green, and the background features rolling hills and a line of trees under a warm, orange-hued sky, suggesting a sunset or sunrise. The overall scene conveys a sense of agricultural productivity and ease of operation.

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.

4 WHEEL STEERING Optional 4 wheel steering has three modes designed to decrease your turning circle dramatically while minimising crop damage.

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.



DESIGNED FOR PRECISION, AND PRECISION OPERATION.

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 CENTRE

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

VIEW UP TO FOUR FUNCTIONS AT ONCE

Customise 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 shut-off 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 manoeuvre 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 35 sections with tip-to-target accuracy, and seamless integration between software, pump, plumbing system and all chassis functions.

GUIDANCE TECHNOLOGY

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

- A range of accuracies available to minimise 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, labour, 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 comes standard with a rear mounted camera that automatically switches to full-screen when reversing or in transport mode. It can take a second camera if required. You can also optionally add four more cameras with an additional display.

OPTIONAL TECHNOLOGY

Speak to your local Croplands self-propelled dealer or Croplands representative regarding alternative steer packages, such as Trimble and GreenStar™.



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.

DRY SYSTEMS



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 optimiser** Indicates achievable rates based on gate spreading.
- **Flip-up hillside divider** Flip up to provide storage when spreading lime. Flip down when applying fertiliser 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.

CAS-TECH & SPRAYWISE



THE PRECISE PRESCRIPTION FOR ANY CROP

Croplands offer a comprehensive range of technical training to support our dealer network to ensure our customers receive the best technical service at a local level.

Croplands also have factory trained technicians to assist in the delivery of new self propelled sprayers to ensure the owner and operator are equipped with the knowledge to get the best performance from their sprayer. Croplands self propelled technical support Centre provides real-time support for product set-up, operation and calibration.

SPRAYWISE

It is more important than ever that the agricultural industry demonstrates responsible chemical usage to reduce the need for severe application restrictions. The SprayWise stewardship program is a Nufarm and Croplands initiative to encourage best-practice spraying and drift management techniques. Giving you access to tools, research results and training courses to assist you to better understand spray application parameters and to better manage your spraying activities.



ROGATOR C SERIES SPECIFICATIONS*

| MODELS | 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 | | |
| LiquidLogic liquid management | FlowLogic recirculating boom; NozzleLogic at-nozzle shut-off; OptiLoad level sensor, keypad with display and in-terminal readout; OptiMotion auto-scaled agitation; Opt. ClearFlow boom clean out/recovery | | |
| Booms – m | 30.5/36.6 Std.: stainless steel recirculating plumbing | 30.5/36.6 Std.: stainless steel recirculating plumbing Optional 48 m aluminium Pommier boom | |
| Tank Sizes – L | 4100L/5000L Stainless Steel tank with internal baffles and full length stainless steel agitation and rinse tubes | 5000L/6000L Stainless Steel tank with internal baffles and full length stainless steel agitation and rinse tubes | |
| SAFETY | | | |
| Chemical handling | Hopper/inductor, 3” fill system Std. Optional 70L chemical transfer pump with enviro drum couplers, 3” fresh fill pump, electric flush kit | | |
| Other safety | Oversize signs Std. Optional 2 way radio | | |
| WEIGHTS | | | |
| Weights (full fuel, unladen) – kg. Approximate | 14,185 120 ft. steel booms | 14,465 120 ft. steel booms | |
| SPEED | | | |
| Field speed – kph | 41 | | |
| Road speed – kph | 53 | 57 | |
| ENGINE | | | |
| Make | AGCO Power | | |
| Model | AP84-4 | | |
| Number of cylinders | 6 | | |
| HP @ 2,100 RPM (kW) | 315 (235) | 339 (253) | |
| Peak HP @ 1,900 RPM (kW) | 341 (254) | 370 (276) | |
| Displacement – in.3 (L) | 512 (8.4) | | |
| Torque @ 1,500 RPM | 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 | RG1100C | | RG1300C |
|---------------------------------|----------------------------------------------------------------------------|--------|---------|
| FINAL DRIVE | | | |
| Wheel motor type | Variable displacement | | |
| Wheel motor size | 80 cc | 110 cc | |
| Standard gearbox | 26.6:1 | 22.1:1 | |
| High-torque gearbox | N/A | 31.7:1 | |
| FLUID CAPACITIES | | | |
| Fuel – L | 567 | | |
| Hydraulic reservoir – L | 136 | | |
| Engine oil – L | 22.7 | | |
| Engine coolant – L | 25.4 | | |
| Gear box – L | 2.5 | | |
| Windshield washer reservoir – L | 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 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 sections | | |
| Opt. | Raven Viper 4 with AccuBoom™ section control, 15 sections (Indent Only) | | |

NO CROP LEFT BEHIND.

CROPLANDS CREDIT

At Croplands Credit, 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.

CROPLANDS AUSTRALIA

Phone 1300 131 513

Freecall 1800 ROGATOR (7642 867)

Fax 07 4641 3444

Email sales@croplands.com.au

SERVICE MANAGER

Malcolm Reck 1800 ROGATOR (7642 867)

SERVICE
Ryan Cale

SERVICE
Tony Wyatt

John Griffiths
0407 132 746

SERVICE
Lachlan Coom

Michael Clarke
0428 311 831

SERVICE
Doyle Krueger

Jeremy Rennick
0409 065 994

Dan Gall
0407 485 569

Dave Farmer
0427 651 971

SERVICE
Kierran Davie

Dean Lawler
0409 899 491

David Hamilton
0427 975 072

SERVICE
Aaron Wright

Steve Ross
0417 832 784

SERVICE
Dan Bryce

Jeremy Deck
0430 006 672

Dave Farmer
0427 651 971

CROPLANDS
NATIONAL SALES
AND SUPPORT