

# THE SPRAYER THE PROS USE

ROGATOR® SPRAYERS FOR PRE- & POST-EMERGENCE APPLICATIONS | MODELS 984 • 984H • 1184 • 1184H • 1386



984 • 984H • 1184 • 1184H • 1386

**RoGator**

## **DURABLE. DEPENDABLE. PROFESSIONAL.**

More than just words, these are the qualities you can expect from the new series of RoGator® self-propelled sprayers from the AGCO Application Equipment Division. For almost 50 years, our equipment has been designed to meet the demands of professionals who depend on their equipment to get the job done.

Our standards are always the same: We're committed to building and offering the very best line of precision application tools and providing you with advanced technology solutions for accurate record-keeping that meets today's strict environmental standards. It's no wonder RoGator has become the most trusted name in application equipment. Simply put, every one of our machines is engineered from the ground up to do one job, and do it better than any other applicator in the industry. RoGator has the versatility you need to handle both pre- and post-emergence applications and the durability to outlast the competition.



## **BIG PERFORMANCE. BIGGER SUPPORT.**

One look at the new series of RoGators and you'll be convinced they have the brawn and brains to meet and exceed your application needs year after year. Larger product tanks, a newly designed front-entry system, a wider cab entry and front reload station are just some of the new updated features that make RoGator a smart addition to your operation.

From the sales process to full-service product support, your dealer is committed to delivering an ownership experience that matches the professional-level performance of your new RoGator. Our dealer network offers the most extensive mobile service fleet in the industry. Their fast, on-site service will keep you up and running during the crucial application season. Best-in-class product performance and best-in-class support . . . it's what you would expect from the RoGator and the people who stand behind it.



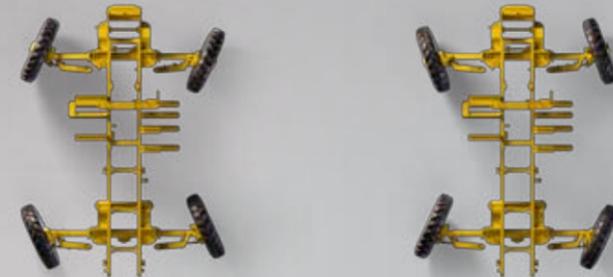
# A STEP AHEAD.

Getting into the cab is now easier than ever before. Dual handrails are spaced to give ample room on the steps leading to a wider walkway with easy access to the cab, engine, fuel fill and stainless steel product tank. The walkway extends all the way to the back of the machine for total access and features a tread design that provides outstanding grip even in wet conditions.

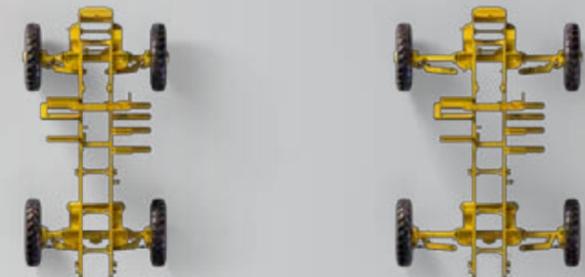
From the frame to the booms, every RoGator is built to be more durable than any other sprayer in its class. Heavy-duty cross members provide additional durability and stability so your wheels stay on the ground, where they belong. Radial-piston, direct-drive motors on all four wheels deliver maximum power to the ground where it's needed, for dependable traction and more efficient fuel use.



Tight turns are no match for RoGator thanks to an incredible 23 ft. (7 m) turning radius that shrinks to an amazing 13.5 ft. (4.1 m) when you add the Gator Trak four-wheeled steering option. You'll cover more acres in less time with greater accuracy.



Because the type of crop planted often varies from field to field, RoGator track widths adjust from the cab, allowing you to match your wheel stance to crop row or bed width for minimal crop disturbance.



Our exclusive C-channel frame flexes over rough terrain – making molehills out of mountains. Designed specifically for spraying applications, the frame maintains strength and flexibility to withstand tough demands, while reducing the risk of cracking for lower maintenance costs and less downtime.



RoGator has one of the widest cab door openings you'll find on a front-entry machine, making it easier to get in and get to work. Once inside you'll be surrounded by 60 sq. ft. (5.5 sq. m) of glass for maximum visibility.



The newly engineered front entry on the RoGator starts with a step that's just about a foot off the ground and is properly angled to minimize fatigue and maximize productivity.



An onboard system automatically adjusts the pressure in the air spring suspension to deliver a smooth, level ride for optimal comfort and minimal fatigue.



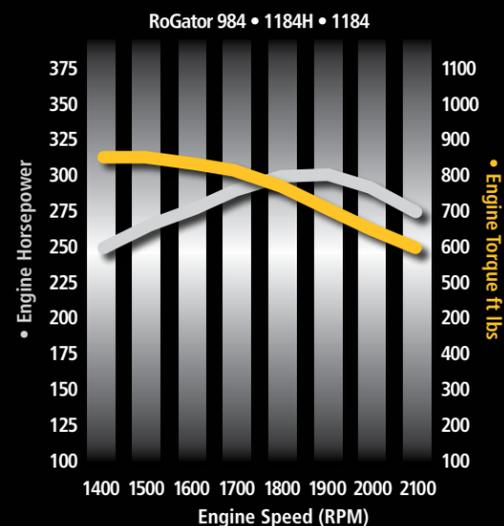
Our heritage models come equipped with a leaf spring suspension that helps even out the ride over challenging terrain while maintaining responsive handling and control.

# AN UNPRECEDENTED ENGINE THAT EXERCISES POWER OVER EVERYTHING.

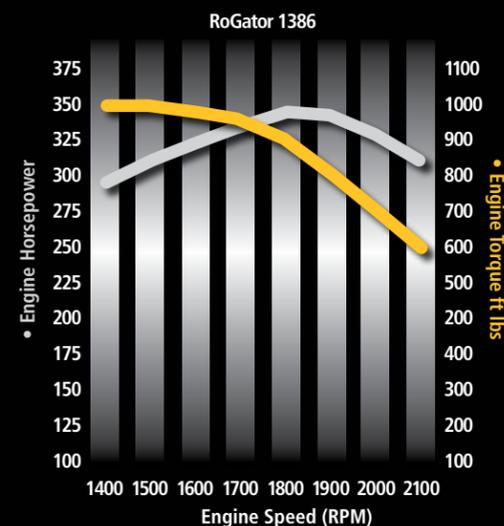
Whether you're climbing hills with a full load or muscling through the mud, RoGator has the power you need thanks to a Tier III CAT® engine that delivers both performance and fuel economy. A broader range of speed-to-RPMs results in maximum productivity, so you're not wasting time, fuel or power. But simply adding horsepower is not the answer. Large capacity fuel tanks keep these machines running harder and longer than any other sprayer, and fewer parts on the drive system mean less maintenance.

Power to the wheels is delivered where it's needed via a tandem hydrostat cross-drive system. These pumps supply power to the wheel-mounted radial piston motors through a completely separate system of hydraulic drivelines. Each pump delivers exactly what it needs to drive the motors on opposite front and rear wheels for even power distribution, improved traction and increased performance. A large 60-gallon (227 L) hydraulic reservoir keeps fluid cooler and offers the capacity to handle auxiliary hydraulics.

A four-speed transmission on the 900 and 1100 series RoGators and a six-speed transmission on the 1386 deliver unmatched performance in wet conditions and offer ample gear choices so operators are always able to select the optimum speed to match field conditions and application needs.



Large-capacity fuel tanks keep these machines running harder and longer than any other sprayer.



A large 60-gallon (227 L) hydraulic reservoir keeps fluid cooler and delivers enough capacity to handle auxiliary hydraulics.



# THE ONLY CAB MADE FOR APPLICATION.

Everything about RoGator's state-of-the-art Advanced Application Cab is designed to enhance operator safety, efficiency and productivity. The 6-post design offers exceptional visibility and is the industry's only cab designed specifically for application equipment. You won't find any retrofitted tractor cabs on our equipment.

- Lower boom rests minimize obstructions during transport.
- Shock and vibration isolation materials are used wherever possible.
- New materials in the floor mat reduce noise entering from the cab floor.
- High-output HVAC system automatically maintains a comfortable in-cab temperature.
- Triple-filtered ventilation system keeps the air inside the cab cleaner.
- Easy-to-read gauges placed where you expect.
- Three-way dome lighting, auxiliary radio mount, in-cab storage, multiple power outlets.

All system functions, including the throttle and hydrostatic control, are in the right-hand console adjacent to the operator's seat. The master apply switch, gear selection, boom wing up/down, foam marker and individual boom control are right at your fingertips.

# PRECISION ON COMMAND.

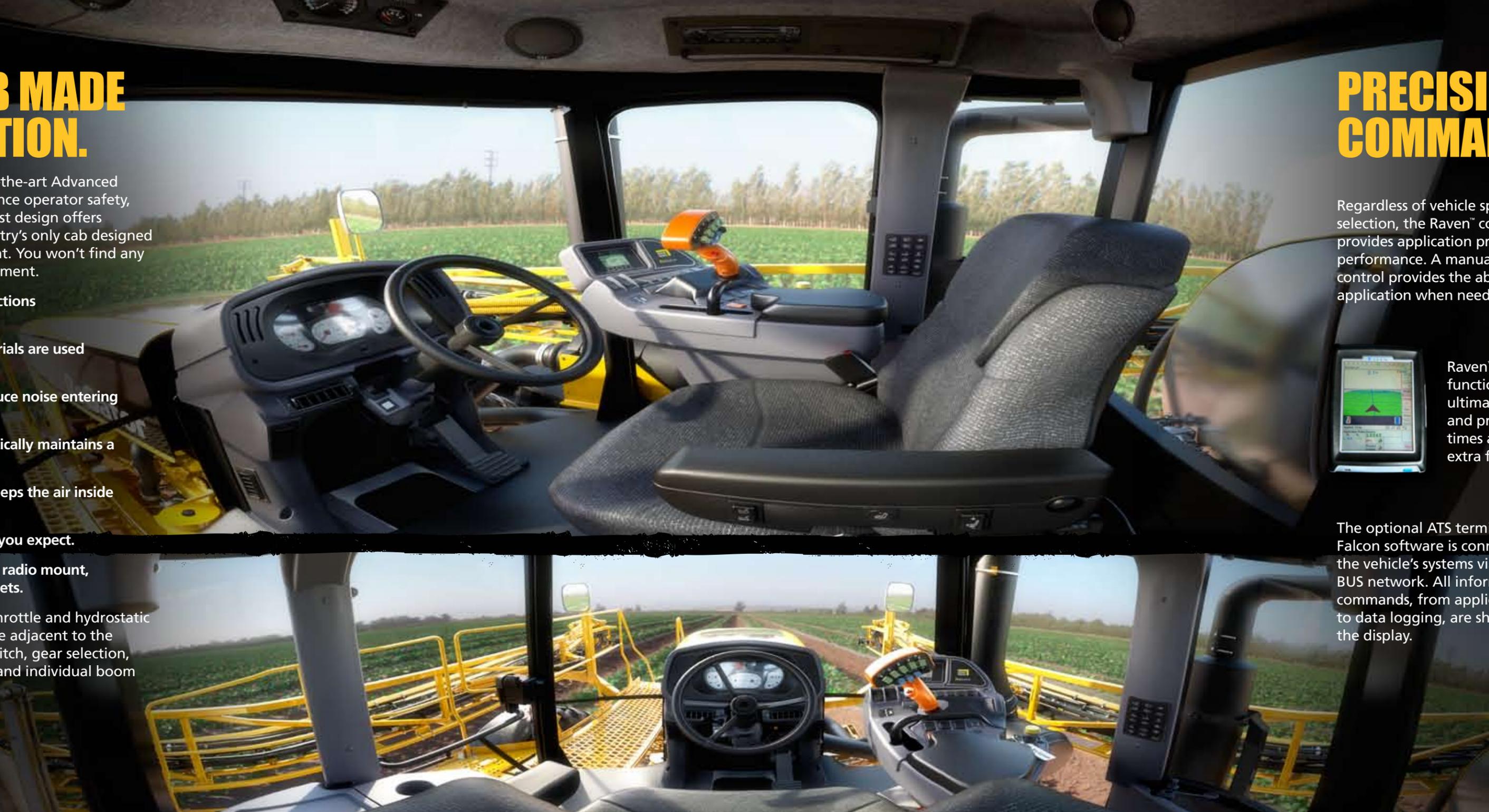
Regardless of vehicle speed or gear selection, the Raven™ control system provides application precision performance. A manual override control provides the ability for spot application when needed.



Raven™ Viper Pro is an optional, multi-function field computer that delivers the ultimate combination of operating power and program capability. Faster processing times and more memory let you handle extra field data.



The optional ATS terminal with Falcon software is connected to the vehicle's systems via the CAN-BUS network. All information and commands, from application rates to data logging, are shown on the display.



# LOWER THE BOOM ON TOUGH FIELD CONDITIONS.

Every RoGator features stable, self-leveling booms that let you keep your eyes on the field for safe operation while hydraulic pressure control and higher flow rates allow each of five boom sections to be individually turned on or off for precision application.

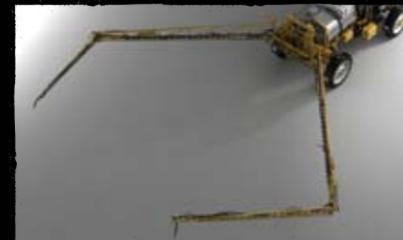
Optional sonar sensing technology automatically keeps the booms at the proper spraying height for precision application, and performance is maximized even further with tip-to-tip pressure accuracy that delivers an even spray pattern no matter what the condition.



Lower boom rests – sit lower in the cradle for maximum visibility and deploy and re-rack for transport faster than the competition. Keeping you safe and saving you time and money are important to us.



New front reload option for chemicals reduces refill time without folding the boom.



The full-boom and boom-tip breakaway features protect against damage from fence posts, gates and other obstacles you encounter in the field.

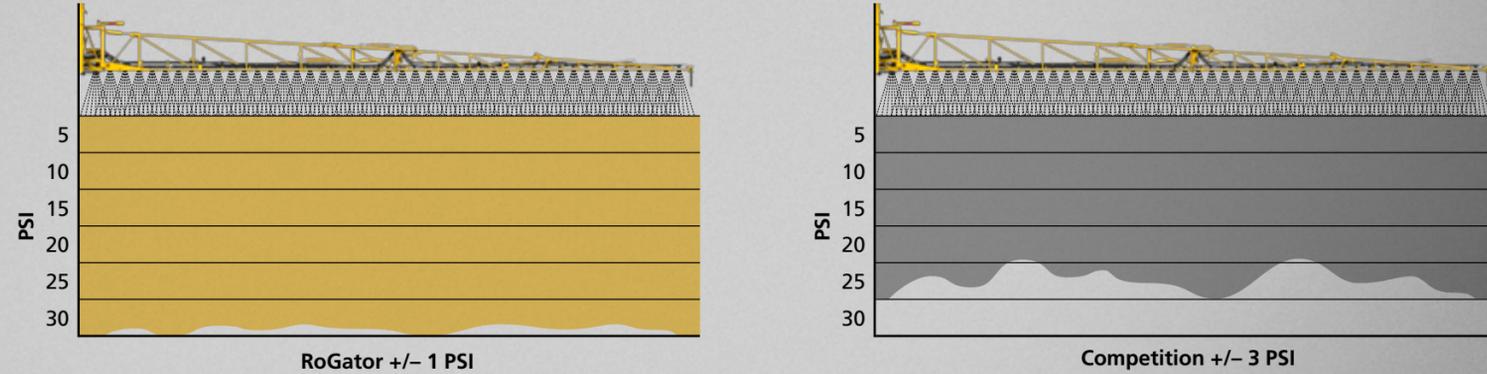


Protected spray nozzles ensure that even if a boom hits the ground, the nozzle stays put – saving you the time and hassle of machine repair while reducing the risk of spill or misapplication.

# TIP-TO-TIP ACCURACY

RoGator's product delivery system is powered by a Hypro 9306 pump and a pulse width modulation (PWM) valve for maximum efficiency. Dependable tip-to-tip accuracy with as little as +/- 1 psi variance per nozzle is assured at rates as low as 10 gpm (37.85 L/min) to as high as 136 gpm (514.8 L/min) through standard plumbing. Not only is consistent and accurate product application better for your crops, it reduces nozzle wear resulting in lower maintenance costs.

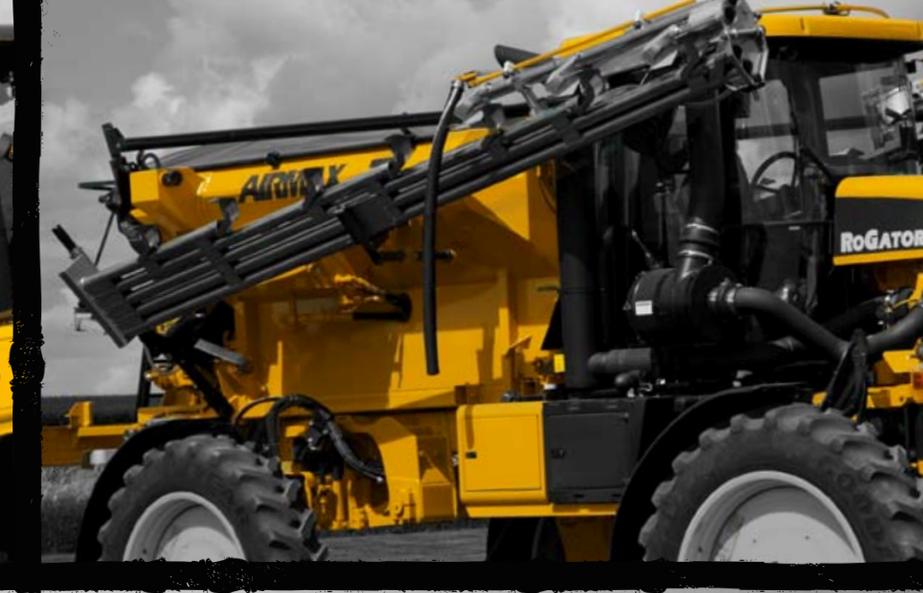
Compare the PSI Advantage.



A high-volume option is available on the RoGator 1386 model using a 4-inch sump and plumbing. The pump is a powerful 3x2 Hypro 9307-GM12 capable of producing flow rates of 278 gpm on 120 ft. booms. The high-volume plumbing is constructed using stainless steel and is available in 10", 15" or 20" spacings.

With a choice of four boom options, you're sure to find the right configuration to fit your operation. All booms feature tip and boom breakaway for added durability. Each boom section can be turned on or off for precision application and an electric ball-valve section control seals tight when the booms are deactivated.

Model	Boom Options
984H	80', 90', 100'
984, 1184 & 1184H	80', 90', 100', 120'
1386	80', 90', 100', 120'



Strength and durability are just two of the reasons we use stainless steel product tanks on RoGator – they're also easier to keep clean and help maintain chemical solution integrity.

We know that productivity is serious business, so we've increased our product tank capacity compared to previous models for fewer reloads and less downtime. Clean up is also easier with a dedicated top-mounted rinse tank that is capable of holding up to 130 gallons of fresh water on the larger models. Another 8-gallon clean water tank is perfect for washing your hands or rinsing nozzles and strainers.

Model	Product Tank Capacity
984 & 984H	900 gal. (3,407 L)
1184 & 1184H	1100 gal. (4,164 L)
1386	1300 gal. (4,921 L)

The durable New Leader 3020 G4 features a 201 cu.ft. (5.7 m<sup>3</sup>) hopper and is able to spread multiple materials at varying widths thanks to dual 24-inch (61 cm) spinners that provide the power and volume needed for high-rate applications. And thanks to an extra wide 30 in. (76.2 cm) conveyor belt, even wet, heavy material like lime discharges smoothly for even and precise application.

For added efficiency, the New Leader 3220 G4 can provide multiple product applications in one pass. With the addition of the MultiApplier unit, two products can be applied independently of one another.

Box Model	3020 G4	3020 G4 Full Flare	3220 G4 MultiApplier
RoGator Units	1386 & 1184	1386	1386
Capacity - ft. <sup>3</sup>	201	258	258 No Insert

AirMax 180 is a dependable pneumatic applicator system with a generous 167 cu.ft. (4.8 m<sup>3</sup>) capacity hopper and 60 ft. (18.3 m) wide booms. It is capable of applying at rates between 49-980 lbs. per acre. Fertilizers, nutrients and crop protectants are applied with maximum precision directly where you want them with minimal waste. Not only is this better for the crop, it's even better for your bottom line.

There's also an optional granular bin with a 40 cu.ft. capacity that adds versatility without reducing main bin capacity. It easily mounts on the back and lets you apply seed, chemicals or micronutrients without carrier product from the main bin.

# APPLY IT YOUR WAY... WET OR DRY.

Whether you're applying liquid solutions or dry materials, you can depend on RoGator. On the 1100 and 1300 series RoGators you can change from liquid tanks to dry boxes using either the AirMax 180 system or the New Leader 3020 G4 spinner option. Best of all, your RoGator can be quickly converted in as little as half a day, getting the machine back into the field faster.

# A BIG FINISH.

A corrosion-resistant finish adds to the durability of the frame. We use an acrylic urethane top coat with an epoxy primer for a lead-free, high impact finish that provides excellent ultraviolet protection to maximize color and gloss retention. Our paint is also chemical-resistant to keep your machine looking great even after years of punishing use.



## RoGator SPECIFICATIONS COMMON TO ALL MODELS

HYDROSTAT					
Make & Model	Bosch Rexroth AA4VG				
Displacement	7.6 cu. in. (125 cc)				
WHEEL MOTOR					
Make	Sampo				
Model Front	BBC 05 with Parking Brakes				
Model Rear	BBC 05				
BRAKES					
Service	Hydrostatic Dynamic Braking				
Parking	Multiple Wet Disc on Front Wheel Motors				
FRAME					
Material	Flexible Modified Carbon Steel				
Shape	3 X 9" C Section				
Construction	Ladder-Style Bolted Cross Members				
STEERING					
Cylinders	Double-Acting				
Toe Alignment	Hydraulic Rephasing				
Turning Radius Center of Axle (2-wheel steer)	23 ft. (7 m)				
Optional GatorTrak (4-wheel steer)	13.5 ft. (4.1m)				
APPLICATION CAB					
Glass Area	60 sq. ft. (5.5 sq m)				
Floor Area	14 sq. ft. (1.3 sq m)				
Cab Suspension	Optional Air Ride Cab				
Radio	AM / FM CD with Weather Band / Satellite Ready				
HVAC	Automatic Temperature Control				
Filtration	Three-Level Activated Carbon				
Steering Wheel	14 inch Leather Wrapped				
Standard Seat	Air Ride Seat Suspension				
Optional Seat	Semi-Active Seat Suspension with Heated Seat Cushions				
AIR SYSTEM					
Compressor	Engine Mounted				
Governor	120 psi (8.2 bar)				
CFM	13.2 cfm (6.2 L/s)				
Reservoir	12.5 gal. (48 L)				
FLUID CAPACITIES					
Fuel	Hydraulic Reservoir	Engine Oil	Engine Coolant	Gear Box	Windshield Reservoir
130 gal. (492 L)	60 gal. (227 L)	24 qt. (22.7 L)	30 qt. (32 L)	4.5 qt. (4.3 L)	1.6 qt. (1.5 L)

### 984H

ENGINE	
Make/Model/Certification	Caterpillar C7 Tier III
Number of Cylinders	6
Horsepower	250 (186 kW) @ 2,100 rpm
Peak Horsepower	275 (205 kW) @ 1,850 rpm
Displacement	439 cu. in. (7.2L)
Torque	888 ft-lbs (1204 n-m) @ 1,400 rpm

### 984 • 1184 • 1184H

ENGINE	
Make/Model/Certification	Caterpillar C7 Tier III
Number of Cylinders	6
Horsepower	275 (205 kW) @ 2,100 rpm
Peak Horsepower	299 (223 kW) @ 1,850 rpm
Displacement	439 cu. in. (7.2L)
Torque	977 ft-lbs (1324 n-m) @ 1,400 rpm

### 1386

ENGINE	
Make/Model/Certification	Caterpillar C9 Tier III
Number of Cylinders	6
Horsepower	311 (232 kW) @ 2,100 rpm
Peak Horsepower	336 (251 kW) @ 1,900 rpm
Displacement	538 cu. in. (8.8L)
Torque	1105 ft-lbs (1499 n-m) @ 1,400 rpm

### 984H • 984 • 1184H • 1184

HYDROSTAT	
Make/Model	Bosch Rexroth Tandem AA4VG
Displacement	7.6 cu. in. (125 cc)

### 1386

HYDROSTAT	
Make/Model	Sauer Danfoss Tandem Series 90
Displacement	6.1 cu. in. (100 cc)

### 984H • 984 • 1184H • 1184

SPEED			
1st	2nd	3rd	4th
14 mph (22.5 kph)	18 mph (28.9 kph)	24 mph (38.5 kph)	33 mph (53.1 kph)

### 1386

SPEED			
1st	2nd	3rd	4th
13 mph (21 kph)	15 mph (24 kph)	17 mph (27 kph)	21 mph (34 kph)
5th	6th		
25 mph (40 kph)	36 mph (58 kph)		

### 984H • 1184H

ADJUSTABLE AXLE	
Outer Tube	8 in. X 8 in.
Inner Adjustable Tube	Reinforced 6 in. X 6 in.
Adjustment Range	120 in. to 152 in.
SUSPENSION	
Type	Variable Rate Leaf Spring
Fore and Aft Torque Rods	Rubber-Isolated Parallel Link
Rebound Control	Shock Absorber

### 984 • 1184 • 1386

ADJUSTABLE AXLE	
Outer Tube	8 in. X 9 in.
Inner Adjustable Tube	Reinforced 6 in. X 6 in.
Adjustment Range	120 in. to 152 in.
SUSPENSION	
Type	Air Spring
Leveling Valves	Haldex Height Control Valves
Fore and Aft Torque Rods	Rubber-Isolated Parallel Link
Rear Anti-Roll System	Modified Four Link
Rebound Control	Shock Absorber



AGCO, Your Agriculture Company, is a premier manufacturer of agricultural equipment, providing high-tech solutions for professional farmers feeding the world. The company is dedicated to delivering superior customer service, innovation and quality. AGCO products are distributed in more than 140 countries worldwide.

## 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.

See your authorized RoGator dealer for:

- Competitive Rates
- Comprehensive Financing
- Flexible Payment Schedules
- Flexible Terms
- Quality Service
- Leasing Options
- Virtually Unlimited Resources

## 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](mailto:agcoanswers@agcocorp.com)

## SprayParts.com

When you purchase a RoGator, you get the backing and support of our world-class dealers who take productivity to heart. Combine that with our 24-hour-a-day parts network, and you have the absolute gold standard in dealer support. *SprayParts.com* is your 24/7/365 resource for a complete line of quality replacement parts and accessories.



See more at [applylikeapro.com](http://applylikeapro.com)



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