

# MOTHER NATURE DOESN'T WAIT. NOW YOU WON'T HAVE TO EITHER.



ou know as well as anybody that the window of opportunity to apply vital nutrients or protectants

to your fields can be razor thin. Spraying a bit too late can have a big impact on both crop yield and bottom line. With your own RoGator you'll take complete control over what, when and where you spray.

Our newest RoGator, the RG700, is built with the same meticulous workmanship and durability as its legendary, professional-grade big brothers, but in a package designed specifically to deliver just the right level of power and weight for today's professional producer.

Not only does the RG700 feel perfectly comfortable in its below-800-gallon tank class, it significantly raises the bar on what you should expect from that class.

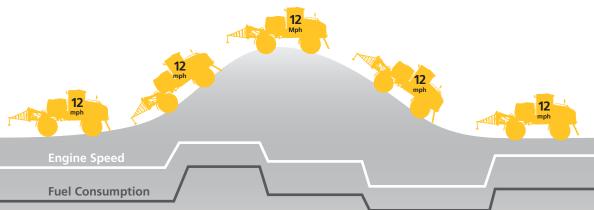
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# AN ENGINE THAT PERFORMS MUCH LARGER THAN IT IS.

Things would be simpler if fields were always level and dry. With our powerful 165-hp engine, it'll pretty much seem that way. The Tier 4i AGCO Power diesel engine gives you six-cylinder performance in a four-cylinder package. You get amazing power to the ground and far more torque, which means you'll go where other sprayers simply can't, including rough, uneven terrain and soft, wet ground. You'll have no trouble maintaining consistent power and speed regardless of conditions, with more responsive handling coming in and out of corners. Not to mention impressive fuel economy. Powerfully efficient. Highly economical. Yep, it's a RoGator.



# HOW DO WE DO IT? THE SMARTEST ALL-WHEEL DRIVE SYSTEM EVER BUILT.

We designed the RG700 with the engine, hydrostatic drive and gearboxes all perfectly linked, so the entire system works smoothly together to deliver up to 20% more efficiency than other systems. But we didn't stop there. We developed a smart, no-switch operation system that does much of the work without operator input. You get consistent, steady power and easy operation, without shifting or extra work. Then, to make you as effective as can be in the field, we packed it full of standard features that others upcharge you for as expensive options. So, you may find a cheaper sprayer, but you won't find a smarter, simpler one that maximizes your ROI by saving on fuel, protecting crops, getting you into softer fields earlier and out of fields quicker.

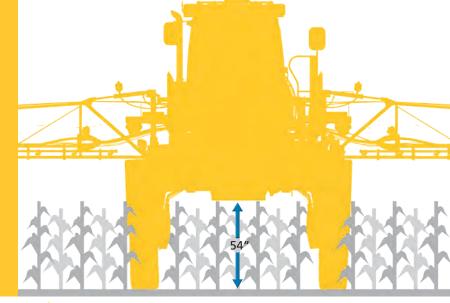
- Traction Control Standard Traverse damp fields and hilly terrain without spinning wheels or getting stuck. Crop damage is minimized, spraying is consistently accurate and you get done a whole lot sooner.
- All-wheel Drive System Standard Speed sensors at each wheel motor ensure that all four wheels are always turning at the same speed, eliminating wheel spinning at field approach and on soft, wet ground. Crop berming in turns is significantly reduced.
- **Smart Hydraulic System Standard** Drive pressure is kept low, which keeps the system cooler, limits engine load and extends engine life.
- **Optimized Fluid Efficiencies Standard** Hydraulic flow is meticulously controlled based on speed and terrain, and oil temperature is carefully controlled so you're always working, not overheating.

# SOLIDLY BUILT. CONSISTENTLY RELIABLE. SOUNDS A LOT LIKE YOU.

You've got a lot to get done each day, often physical, demanding work. We don't think spraying your fields should add to that. More than 50 years ago we pioneered the first agricultural sprayer and have been fine-tuning application equipment ever since. Not only is a RoGator built to last while providing the most accurate application anywhere, it's built from the ground up with your comfort top-of-mind. From its unique C-Channel Flex Frame to its innovative suspension system, the RG700 is engineered to put less stress on both the machine and the operator. Less wear and tear to the machine means a better ROI. Less impact to your knees, back and neck means you can work all day without feeling like you've worked all day.

Parallel C-Channel Flex Frames This unique frame keeps all four wheels on the ground and driving, even on rough, uneven surfaces. Pioneered by RoGator in 1993, this system is so stable that wheels can flex as much as 14 inches and still maintain four points of solid contact with the ground. You get a smoother, safer ride and an always-consistent application of product to the ground.





SUPERIOR CROP CLEARANCE With our standard 90-inch axle, you'll get crop clearance of up to 54 inches. This means less crop damage and the ability to spray taller, more mature crops. So you can use your machine longer each season, giving you even more control and a better, quicker ROI.

AXLE	CLEARANCE	
90"	54"	Standard
72"	46"	Optional

- Standard Active Air Suspension System Our state-of-theart Air Spring Suspension System with rear sway control enhances spraying accuracy and extends the life of the machine. You get:
  - A Smoother Ride Comfortable for the operator, plus consistent boom height position for more accurate spraying across the field
- A Constantly Adjusting Ride As Load Diminishes Keeps booms level, with far less wear and tear.
- Constant Wheel-to-Ground Contact
- Straight, True Steering With better shock absorption and less vibration, the machine stays in the row, further minimizing crop damage.
- Reduced Maintenance Less wear and tear means less maintenance, longer life and better resale value.





# A CAB BUILT JUST FOR APPLICATION. HARD TO BELIEVE NO ONE ELSE HAS THOUGHT OF THIS.

We've been crafting and refining application equipment for nearly 50 years. Today, RoGator is still the only sprayer in the industry with a cab built specifically for application use. Sight lines are amazing, with a panoramic view that provides almost 360-degree visibility. A unique positive air pressure and filtration system constantly forces air out from the cab, so chemicals and odors can't get inside, even when the heat or AC is not running. If you've got to spend a long day spraying, you won't find a more comfortable, protected or quiet place than this from which to do it.

COMFORTABLE, SMART ARMREST AND JOYSTICK OPERATION The ergonomically designed joystick is built so the operator can intuitively control all functions for field operations by feel, not by sight. Because there's less need to move hands and eyes for various functions, operation is simpler and safer. Focus on the job is improved and the operator is less tired at the end of a long day.



BETTER ROAD VISIBILITY The RG700 cab is designed for enhanced road visibility when travelling between fields or on surface roads. Folded booms rest below the operator's sight lines for clear visibility to the road on both sides.

## **BUILT WITH OPERATOR COMFORT AND SAFETY TOP-OF-MIND**

- Unmatched Visibility The 6-post cab design provides open, curved corners for unmatched visibility with less stress and strain on the operator. With just a glance, the operator can see;
- Boom tips when outlining a field
- Nozzles to ensure consistent application or make sure nothing is plugged
- Tires in the row
- Headland Turns
- Unexpected Obstacles
- Fresh Air. Always. The RG700 comes with three cabin air filters to keep the good air in and the bad air out. Chemicals are virtually eliminated from the cab for a safer, more comfortable operating environment.
- Dust & Debris Filter Keeps the big stuff outside where it belongs
- Carbon Filter Removes chemicals from the air before the air gets into the cab
- Recirculation Filter Continually filters air recirculated by heat or AC systems
- **3 Seat Options** Select the seat that fits the way you work. Air Ride Cloth comes standard, or choose either the optional Semi-Active Heated Cloth or Semi-Active Heated & Vented Leather.

# Rogator Management Center (RMC) Standard

The RMC allows fingertip control over virtually all operational functions, including:

- Engine and drive status
- Liquid system operation
- Foam marker
- Boom height control
- Time-delay lighting



# A TANK SHOULD BE MORE THAN JUST A TANK.

When it's time to spray, you need to get the job done fast and right. Our 700-gallon tank means more time spraying, less time reloading, with tank technology professionally proven under the most grueling conditions. From our easy top-of-tank access to an agitation system that delivers consistently mixed product whether the tank is full or almost empty to a rinsing system that ensures that new loads aren't contaminated with old product, the RG700 is unlike any other sprayer you can own.



## ROUND TANK

Comes with a rounded bottom for ultra-consistent mixing.
Others use square-bottom tanks that trap product in corners for a less-consistent mix and unwanted residue.

# PROFESSIONAL-GRADE SYSTEM. NO PROFESSIONALS REQUIRED.

Don't worry. Even though our liquid system comes with the same, legendary workmanship as our professional-grade machines, this new RoGator is built for your operation. Easier to operate than the competition, the RG700 comes with a smart, efficient system designed for simplicity and productivity. Because you get outstanding product control whether you're spraying at a low or high volume, you'll always get more done in less time.

### THE BEST RELOAD PLUMBING IN THE BUSINESS

The less time you spend reloading, the more time you spend spraying. And the faster you get the job done. That's why we've designed the most direct, ergonomically smart system you'll find.

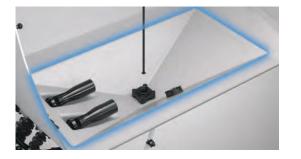
- Compact Reload Station Everything's close at hand so you make fewer movements during reloading. With far fewer valves to manage, you stay in virtually the same spot for the entire reload. The process is simpler, quicker and safer.
- The Shortest Distance Between Two Points The RG700 uses a direct path from the fill area to the pump and the pump to the tank. This means more efficient product flow, reduced product build-up and much cleaner transitions between products. Others use a far less direct path with multiple "L" turns, resulting in slower and potentially contaminated loading.
- Complete Control From The Cab Foam output and mix ratio can be adjusted right from the cab, and any water needed is pulled directly from the fresh water tank.
- Optional End Row Nozzles Includes both the left AND right side end nozzles, which can cost hundreds less than just the one nozzle on competitive machines.



Superior Agitation Two large jets at the tank bottom deliver consistent product agitation. Jets are designed to limit anti-vortex action and significantly reduce pump cavitation and foaming. You get the most consistent mix with a quiet operation and less component wear and tear.



You're in Control Agitation control is fully adjustable from the reload station, and on/off is conveniently controlled right from the cab as product load is reduced.



**Double Taper Sump** Drainage runs to the center of the tank ensuring that all product is pulled from the tank. No waste or residue from previous product is left behind.

# ATTENTION TO THE SMALLEST DETAILS MAKES THE BIGGEST DIFFERENCE.

WIDE PLATFORMS Our platforms are built wider for easy access from the cab to the tank. Which makes for simpler, safer reloads and routine maintenance.

LEFT-SIDE REFUELING
Convenient access for less downtime.

on just one tank of fuel. It's less hassle, less downtime when you don't have to head back to the shop to refuel.

SHORT FIRST STEP The first step of our ladder is built lower for safety and easy access.

UP TO 30-MPH ROAD SPEED Quicker transport means more time spraying.

CAMERA-READY RIGHT FROM THE FACTORY While operating, monitor a live feed from outside the RoGator right inside the cab.\*

FENDERS STANDARD
Protect nozzles from flying debris, as well as the rest of the machine from chips and scratches.

TIP-TO-TIP ACCURACY
More direct plumbing with the
fewest possible "L" turns
means even distribution and
pressure for consistent flow
across the boom.

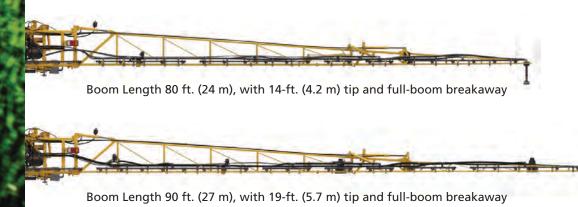
# FULL-BOOM AND TIP BREAKAWAY Both standard on the RG700; others offer only tip breakaway. The full boom swings back and up to clear an obstruction, providing complete boom protection. In addition, a sophisticated shock absorber system not only controls the rebound but also absorbs inertia in everyday usage, significantly increasing boom and tip longevity. VARIABLE BOOM HEIGHT ADJUSTMENT Adjust boom height from 19 inches off the ground to 92 inches for more spraying options and a much longer spraying season.

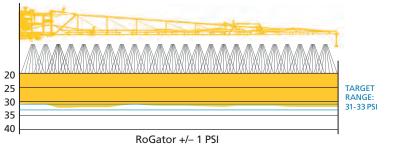
# BETTER BOOMS. BETTER NOZZLES. BETTER HARVEST.

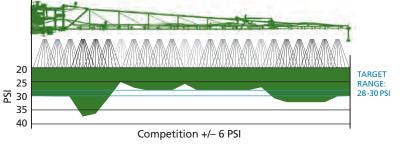
This isn't just any sprayer. It's a RoGator. You get stronger, more durable booms that don't add excess weight, so you glide through fields. A state-of-the-art boom breakaway system for those unexpected field obstacles. And professional-grade plumbing that minimizes the chance of plugged nozzles and delivers the most accurate spraying anywhere. But most of all, you get consistently even growth and a maximized harvest.



- Industry-proven Boom Design One-inch square tubing on the tips is strong and lightweight. Lightweight cross-member rods further ensure structural integrity.
- **3-Nozzle Rotary System Standard** Our standard system gives you the flexibility to spray at different rates from the same nozzle base. Adjust all nozzles in less than five minutes, far less time than it would take to swap out new nozzles.
- Two Boom-width Options Choose 60/80 feet or 60/90 feet. Each comes with five or seven sections, so you can customize your spraying to manage unique field boundaries and crop conditions. Combine the 90-foot boom with the 700-gallon tank to cover the most ground before refilling.



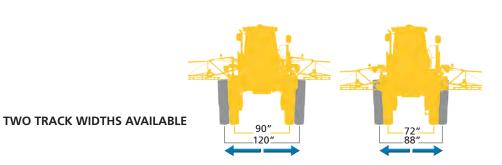




The most consistently accurate spraying in the business.
From tip to tip across the boom, the RG700 has only a +/-1 PSI difference, while competitors can be up to six times that much. We use two levels of filtration – strainers on both the end line and the boom line – as well as the fewest 90-degree elbows and T-fittings possible, so product always flows smoothly with limited pressure drops. Product is applied evenly across the booms for consistently lush, clean fields.

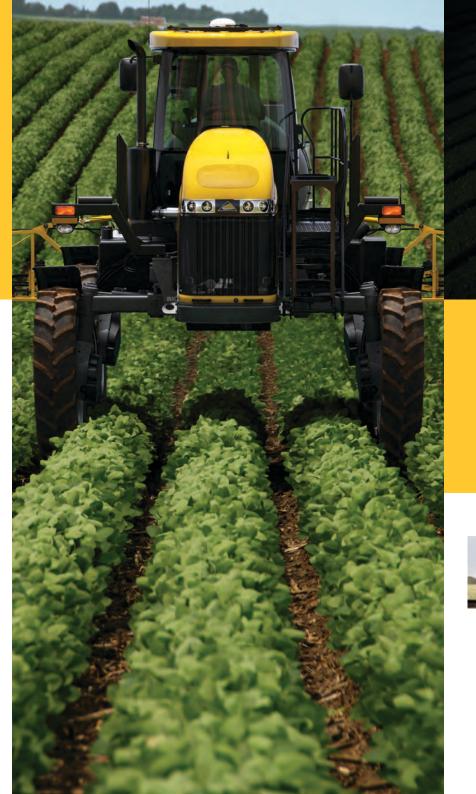
# TRACK WIDTHS TO RUN THROUGH ANY ROW, ANY CROP

Not all fields and rows are created equal. That's why RoGator sprayers are purpose-built to move quickly and easily through a wide variety of rows, crops and field conditions. That's also why we give you two different track-width options from which to choose. So you can choose the RoGator that's just right for your operation. Then, once you've chosen your RoGator, you can fine-tune track widths even further to customize your application for different crops, different rows, different seasons.



	STANDARD TRACK	NARROW TRACK (Optional)
Track Width	90-120 in. (1.82-2.23-m)	72-88 in. (1.82-2.23 m)
Ground Clearance	54 in. (1.37 m)	48 in. (1.21 m)
Height to Top of Cab (Operational)	157 in. (3.98 m)	153 in. (3.88 m)
Overall Width With Liquid System	126 in. (3.2 m)	126 in. (3.2 m)
Overall Chassis Length (Liquid System)	339 in. (8.6 m)	339 in. (8.6 m)
Wheel Base	149 in. (3.78 m)	149 in. (3.78 m)

- Adjust Widths in Small Increments To set precisely the right width for your rows, manually adjust track widths in 2-inch increments. Simply move the track pins in the track adjust bar, and use the track adjust switches near the console.
- Variable Front/Rear Widths Set front and rear wheels at different widths to help minimize compaction or crop damage.
- Optional Hydraulic Feature An optional hydraulic adjust feature is available on the 90-120-inch model.





FIELD LIGHTING Add lighting packages in halogen or High Intensity Discharge (HID) for those times when you've got to be in the field before the sun comes up or you have to burn the midnight oil. Lighting packages are available to light the booms, as well as areas around the chassis, catwalk and tank.

# IT'S YOUR ROGATOR. ADD A FEW BELLS AND WHISTLES.

From lighting options that enhance safety or let you work at odd hours, to options that help protect crops from damage as you run through your fields, we offer a range of add-on items to fit your operational needs or your style.



crop DEFLECTORS Gently move foliage from the path of tires and suspension components to reduce crop damage.



**Rotating Amber Roof Beacon** Enhance safety with better machine visibility day or night. In the field or on the road.

**Belly Shields** Provide a smooth undercarriage surface to protect foliage and blossoms on taller crops. (Not pictured)



Weather Stations Generate real-time field weather data for reporting, including apparent and true wind speed and direction, GPS course and speed, air temperature, relative humidity, dew point and barometric pressure.



Raven RGL 600 Lightbar Guidance System For simple navigation and swathing, this guidance system keeps you on target and ahead of schedule all day long. Mounts right on the hood for easy visibility during operation.

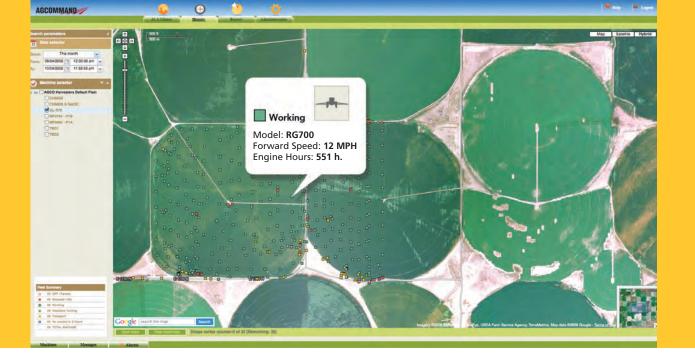


Slingshot®-ready The RG700 comes pre-wired for Raven's Slingshot, a precision ag innovation that wirelessly connects every square inch of your land to a set of intuitive online tools and premier hardware. (Not pictured)

**Chemical Reload Eductor** Eductor is drawn up into the chemical line that carries product into the bottom of the tank, reducing the chance of foam.

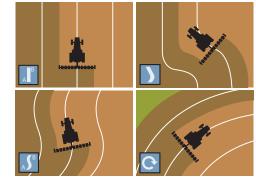
# AGCO EASY-TO-USE TECHNOLOGY **BUILT RIGHT IN.**

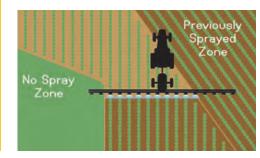
You may choose to have your new RoGator factoryoutfitted with an array of precision-farming and datarecording technology. This lets you know where your machine is at any given moment, how it is performing and how efficiently the machine is being used. So you can efficiently manage uptime, maximize productivity and increase profitability.



# **OPTIONAL TECHNOLOGY THAT MAKES YOUR ROGATOR EVEN** SMARTER.

Your new RoGator can be further enhanced with a wide range of field-tested, industry-proven technology options. They'll help make you more precise in your farming, more accurate in your product placement, more productive in your business and, guite likely, more profitable at the end of the day.





Assisted Steering System Hydraulic-assisted steering systems enhance high-speed operation by offering easier, more relaxed driving. Choose from different operating modes to fit the profile of the field — Straight A-B, Contour or Pivot. Choose the AG 3000 Basic integrated steering system from AGCO or the AG 3000 Advanced for a larger 12-inch screen. Or choose SmarTrax™ from Raven for 3D terrain compensation and automatic system calibration.

**Boom Section Control** Enables automatic individual boom section control, so you can set up non-spray zones and field boundaries to eliminate wasteful overlaps and minimize operator fatigue. Savings can be as much as 15% depending on field shape and acreage. Choose Section Control from AGCO or AccuBoom® from Raven.

# AGCONTROL"

This easy-to-use information center is one of the best controllers on the market today. It uses keys on both sides of the screen, as well as a scroll wheel. Simple menus that use intuitive icons make it easy for almost anyone to master.

- Controls straight rate product with the ability to create job reports for fast, easy document reporting.
- Optional section control can be run through this console for better product control with only one console in the cab.
- PWM Control to mange the speed of the product pump.
- Controls both low and high rates with just one system and no major alterations to the machine.
- 7.5-inch color LCD display features crisp images and easy-to-read type. It can be brightness-adjusted for day and night conditions.

# AGCOMMAND

The standard-equipment AGCOMMAND telemetry system helps you increase productivity by optimizing machine and operator performance. You'll have near real-time detailed monitoring capability that lets you know exactly where the machine is, how well it's performing and how efficiently it's operating. You'll no longer have to manually collect machine data for analysis and reporting. The AGCOMMAND system uses automatic data recording and transfer technology, ensuring that data is transferred from the machine to a secure storage server every 10 seconds. You simply access the information from your desktop computer, laptop, tablet or smart phone app.

- Always know where your RoGator is and what it's doing.
- Proactively receive text or e-mail alerts when service or maintenance is required, or if there's unusual, unplanned equipment activity. (You may choose to have your dealer receive some of these, as well.)
- Map the RoGator's working history.
- Collect in-depth machine data on location, performance, engine hours and fuel consumption.
- Set Geo-Fences that establish boundaries for spray routes, track machine movement and maximize efficiency.
- Generate efficiency reports to help improve future machine and operator performance and minimize downtime.
- To further improve efficiencies, you also have the option of providing your dealer with access to machine information, allowing them to anticipate upcoming maintenance or schedule a service call.



Field Computer This multi-function field computer is a highly capable controller, delivering the ultimate combination of operating power and program capabilities, like five-product VRA. With extra hardware, these units can handle multiple system functions, including the Raven AccuBoom® and AutoBoom®. Viper Pro<sup>™</sup> from Raven.







Receivers You may choose from several receivers, based on your operational needs. These rugged receivers can be used for moving map displays or assisted-steering systems. Select receivers can be upgraded to HP/XP and RTK accuracy. Select from:

- SGR-1 (Mapping)
- TopDock (Steering)
- Phoenix 200 (Steering)
- Phoenix 300 (Steering)



RAVEN



NORAC

**Boom Height Control** These unique systems use sensor data to make automatic, responsive height adjustments that allow booms to follow the contour of the land. Accuracy is ensured because spray height is always consistent. Both the NORAC Boom Height Control and the AutoBoom® from Raven are superior systems.

# **EXTENSIVE DEALER NETWORK** RoGator sprayers are sold and serviced through prominent local dealers. These dealers are committed to helping you find the right equipment for your unique needs and budget. They are also committed to providing quick and courteous post-sales service, whether it's routine maintenance or emergency mobile support. To find the dealer nearest you, please visit rogator.com.

# BUILT SO YOU CAN DO THE ROUTINE STUFF RIGHT IN YOUR SHOP

We know you like to save wherever you can. That's why RoGator is built with you at heart. Easy-to-access service points make it easy to do routine maintenance on your own, with less hassle and less downtime. On your time.

- A 3 Easy-Access Cab Air Filters
- B Easy-Access Hydraulic Oil Change
- **C** Easy Dump Air System (Quickly dump and refill air bags for trailering)
- D Swing-Out, Easy-Clean Coolers
- **E** Radiator
- F Overflow Tank
- G Engine air filters
- H Oil Fill and Dipstick
- I Fuel Fill
- J DEF Tank
- K Storage Cabinet





# **RG700 SPECIFICATIONS**

NGINE	
lake	AGCO Power
/pe	Tier 4i
umber of Cylinders	4
orsepower	165 (123 kW) @ 2100 RPM
eak Horsepower	173 (127 kW) @ 1900 RPM
isplacement	299 cu. in. (4.9 L)
orque	413 ftlbs. (560 N.m) @ 2100 RPM
eak Torque	522 ftlbs. (707 N.m) @ 1500 RPM

DROSTAT	
ake	Bosch Rexroth
placement	6.71 cu. in. (110 CC)
arge Pump splacement	1.49 cu. in. (24.5 CC)
DRAULIC MOTOR	
ake	Bosch Rexroth

GEARBOX	
Лake	Bosch Rexroth
Gear Reduction	22.6:1

Displacement

3.78 cu. in. (62 CC)

Field	0-18 MPH (0-28 KPH)
Road	0-30 MPH (0-48 KPH)
BRAKES	
Primary	Hydrostatic Dynamic Braking
Service	Hydrostatic Dynamic Braking & Hydraulically Applied Disc Brakes in Gearboxes
Parking	Spring-Applied Disc Brakes In Gearboxes
WEIGHTS (With 60/80-ft.	Boom, Full Fuel & Hydraulics)
Standard 90-in. Axle	19,500 lbs. (8,845 Kg)
Optional 72-in. Axle	19,000 lbs. (8,618 Kg)

SPEED

APPLICATION CA	AB
Glass Area	54 sq. ft. (5.04 sq. m)
Floor Area	9.5 sq. ft. (0.89 sq. m)
Standard Radio	AM/FM, CD, Weather Band, MP3
Optional Radios	AM/FM, CD, Weather Band, MP3 with SiriusXM
HVAC	Automatic Temperature Control
Filtration	Three-level with Carbon
Steering Wheel	14-in. (3) Spoke
Standard Seat	Air Ride Cloth Seat
Optional Seats	Heated Semi-Active Cloth, Heated & Vented Semi-Active Leath

LIQUID SYSTEM	
Tank Size	700 Gallons
Pump	Hypro 9303
Booms	60/80-ft. and 60/90-ft.
Plumbing	Polyethylene
Spacing	10-in., 15-in., 20-in.
Sections	5 and 7
Reload Valve Size	2-in. Standard, 3-in. Optional
Pressure Strainer	32 Mesh
Boom Height Adjustment	2-position combine for either 17-90 in. or 19-92 in., based on axle type
Tip Breakaway Width	(80-ft. Boom) 14 in.
Tip Breakaway Width	(90-ft. Boom) 19 in.
Full-Boom Breakaway	Mechanical

CONTROLLERS	
Standard	AGCO AGCONTROI
Optional	Raven Viper Pro
FLUID CAPACITIES	
Fuel	65 gal. (246 L)
Diesel Exhaust Fuel (DEF)	15 gal. (56.7 L)
Hydraulic Reservoir	36 gal. (136 L)
Engine Oil	3.03 gal. {12.12 qt.} (11.4 L)
Engine Coolant	6.5 gal. {26 qt.} (24.6 L)

Windshield Washer Reservoir 1.6 qt. (1.5 L)

Gearbox

1.16 qt. (1.1 L)



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.

#### **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

#### **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 TECHNOLOGY SYSTEMS

Farmers from all parts of the world depend on AGCO Advanced Technology Solutions to maximize profitability of their crop production operation. To learn more, visit agcotechnologies.com.

