

[RBRENTERPRISE.COM](http://RBRENTERPRISE.COM)

2019 RBR ENTERPRISE PRODUCT LINE



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UNMATCHED PERFORMANCE & DEPENDABILITY FOR YOUR PRODUCTIVITY

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**RBR**  
ENTERPRISE





# NEVER COMPROMISE

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Seasonal versatility, unshakable dependability, unparalleled productivity.

Meet RBR's newest generation of application equipment—engineered to give you the edge you need to face whatever the unpredictable season throws your way.


## Unmatched Service & Support

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RBR has one of the most comprehensive nationwide distributor networks, providing you exceptional product support and service. These industry-leading AG dealers recognize quality, and that's why they've chosen RBR.

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**STRONG FROM THE START** High strength frames are made from 10IN X 4IN high-grade material and are fully boxed with secondary reinforcement plates for added strength. All frames are coated with a polyurea armor coating for superior protection to maximize the life of your equipment.

# EXTERIOR

## THE RBR DIFFERENCE


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Don't compromise on what matters most. RBR application equipment is built to be the most productive, hardest working and most reliable in the industry. Our focus is on putting quality and productivity first.


## Enhanced Operator Experience

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For optimum productivity, RBR has developed the best riding suspension in the industry. Gas shocks and air suspensions provide an all-day comfortable ride for higher application speeds and superior protection from the toughest terrain for the operator and the machine.



**POWERED FOR PERFORMANCE** We've installed the best powertrain package combination for maximum gains from your investment. The Cummins 9-liter engine brings the power and torque you need to tackle any field. And for years of worry-free operation, the RDS Allison is the most proven automatic transmission in the world.



**STRAIGHTFORWARD SIMPLICITY**  
The simplest solution is usually the best solution. RBR's mechanical drive train is a straightforward, no-frills design that offers reliability, lower cost of ownership and unsurpassed performance. The 2-speed transfer case delivers maximum power to both axles, allowing you to attack the most adverse field conditions with ease.



# INTERIOR

## Cab Features & Options

Our new 7IN chassis management touchscreen system, with interactive diagnostics tools, helps you keep the attention where it belongs: the application.

### Standard:

- Bluetooth
- Automatic climate control system

### Options:

- Heated and cooled leather seat
- Tinted windows

## Cab Design

The cab is designed specifically for application equipment to create an environment for maximum focus and efficiency. Controls and information are easily accessible and intuitive, providing all the information necessary to assist the operator in safe and effective machine operation.

**CONSOLE FEATURES** Our newly designed ISO-ready cab features an ergonomic floating console with easy to read and use soft-gel controls. All models have a redundant hand-throttle for more precise speed control when operating in rough and rugged field conditions.





The L4500 and L5000, available in painted 409SS or 304SS comes standard with 304SS sub-frame and cross members to protect your investment.



Pressure compensated hydraulics help maintain rates, even at low engine RPMs.

# VECTOR 350

## Innovation To Power Your Productivity

Step into the new Vector 350: the most productive fertilizer applicator available. The resilient design focuses on what matters most—the highest-grade components for top-tier performance you can count on. The highly efficient Vector 350 is designed for use during pre-plant and post-plant season so you can maximize your productivity and your investment.

More productivity means more revenue. At RBR, we understand that.

- Best-in-class road speed to maximize acres covered per day and minimize drive time between fields.
- Highest capacity row crop spreader in the industry, so you can spend less time loading the machine and more time covering ground.
- True 4X4 capabilities so you can access the field sooner no matter the field conditions.
- Ability to use a variety of flotation tires, and switch to row crop for post-plant season so you can generate revenue all season long.



### NEW LEADER SPECIFICATIONS-Vector 350 applicators feature New Leader beds.

<b>Spreader Size</b>	13FT Length x 102IN Width	14FT Length x 102IN Width
<b>Spreader Material</b>	RBR Red 409SS or Silver Finish 304SS	
<b>Capacity</b>	271CUFT (343CUFT w/sideboards)	300CUFT (378CUFT w/sideboards)
<b>Multi-Product</b>	Dual product - 5FT or 7FT Insert Multi-bin 8FT Insert - 3 or 4 product capability	
<b>Multi Product Capacity</b>	5FT Insert - 115CUFT (325CUFT total) 7FT Insert - 161CUFT (327CUFT total) 8FT Multi-bin - 166/143/23/21 (353)	5FT Insert - 115CUFT (368CUFT total) 7FT Insert - 161CUFT (356CUFT total) 8FT Multi-bin - 195/143/23/21 (382)
<b>L4500 Features</b>	Pressure compensated product pump, 304SS sub-frame and cross members, automatic belt-tensioner, boundary spreading capabilities, independent spinner control, 304SS jack and jack-handle, pressure sensors	
<b>L5000 Features</b>	Pressure compensated product pump, 304SS sub-frame and cross members, automatic belt-tensioner, auto-adjust feed gate, auto spinner adjustment - fore/aft and left/right, 16 section product control, 304SS jack and jack-handle, pressure sensors	



**VENTURI 380 WITH 810 FLEX-AIR™** For the ultimate in precision and strength, RBR has combined the proven 810 Flex-Air™ from Case with the performance and reliability RBR chassis are known for. The mid-ship boom design offers enhanced machine weight distribution and visibility to the boom outlets to monitor product distribution. The main product bin has a capacity of 287cu FT and can handle up to two products. With the addition of co-app bins, up to three products can be applied for unmatched productivity.



# VENTURI 380

## Precision Meets High-Power Performance

Minimize waste and maximize efficiency. The new Venturi 380 delivers high-output pneumatic systems, for precision application, even in the most unfavorable conditions. Product is accurately placed directly on the ground through individual boom outlets, unaffected by uneven ground or windy conditions. With the largest capacity pneumatic system available on a row crop applicator, and capable of 1,200 pounds per acre at 12 MPH, the Venturi 380 offers efficient precision application year round.



### APPLICATOR SPECIFICATIONS

	810 Flex-Air	RA-885
<b>Single Product Capacity</b>	287 <sup>CUFT</sup>	350 <sup>CUFT</sup>
<b>Multi Product Capacity</b>	Bin 1 - 171 <sup>CUFT</sup> Bin 2 - 125 <sup>CUFT</sup> Micro Bin - 50 <sup>CUFT</sup>	Bin 1 - 175 <sup>CUFT</sup> or 209 <sup>CUFT</sup> Bin 2 - 95 <sup>CUFT</sup> , 129 <sup>CUFT</sup> , or 174 <sup>CUFT</sup> Bin 3 - Micro Bin 53 <sup>CUFT</sup>
<b>Box Material</b>	409SS painted red	409SS painted red
<b>Booms</b>	70 <sup>FT</sup> Mid-ship booms with 20 adjustable outlets	70 <sup>FT</sup> 304SS with 32 outlets or 60 <sup>FT</sup> 304SS on 30 <sup>IN</sup> on-center outlets
<b>Metering System</b>	Main Bin - L/H & R/H lateral Conveyor fed by central 8 <sup>IN</sup> auger Micro bin - LH/RH roller meters on independent drives	Bins 1 & 2 - LH & RH independently driven 16 <sup>IN</sup> 304SS mesh chains. Micro bin - LH/RH roller meters, clutched controlled on/off
<b>Fan</b>	Dual 6 <sup>IN</sup> Fans	Single 22 <sup>IN</sup> Fan
<b>Features</b>	Viper 4+, 7 <sup>FT</sup> break-away tips, VRA capable for up to 3 products	Viper 4+, 7 <sup>FT</sup> break-away tips, VRA capable for up to 3 products

**VENTURI 380 WITH RA-885** features a straightforward design with a 304SS mesh-chain delivery system, rear-mounted 70<sup>FT</sup> booms, application rates of up to 1,200<sup>LBS</sup> per acre, and an industry-leading 350<sup>CU FT</sup> capacity. Capable of delivering up to three products, bin dividers can adjust to a 50/50 or 60/40 split between the two main bins. A micro hopper can stand alone or be used to supplement the second bin.





**COMBO READY** All units are equipped with an ISO hydraulic quick-connect bulkhead for a clean and seamless change from the liquid system to a dry spinner box.



**HEAVY DUTY DESIGN** Robust center section designed to withstand the most severe field conditions while offering years of trouble-free use. The yaw motion of the center section is controlled by heavy duty dampening cushions and shocks which are adjustable to fit the operator's preference. Boom fatigue is minimized by mechanical dampeners that dissipate the effects of cornering and sudden start or stop.

**TECHNOLOGY FEATURES** The Vortex is available with the latest in sprayer technology, like auto-height control, individual nozzle control and direct injection, to increase your efficiency in the field.

**BOOMS** A variety of boom configurations to fit your operations, stainless steel boom plumbing and recessed nozzle bodies within the boom structure provide greater protection.



# VECTOR VORTEX

## Engineered for Ultimate Productivity

The Vector Vortex covers more acres in a day to maximize your return on investment. With a large 1,600GAL tank, boom options ranging from 90FT to 132FT and one of the lightest footprints in the market, the Vector Vortex is designed for unmatched efficiency.

### LIQUID SYSTEM SPECIFICATIONS

Product Tank	1600GAL or 2000GAL
Fresh Water Capacity	100GAL
Product Pump	Ace Stainless Steel 3INx2IN Pump - 240GPM
Solution Fill Connection	3IN LHS Fill & 3IN Front Fill
Chemical Educator	6GAL Hypro Cleanload
Booms	90FT , 100FT, 120FT, 132FT
Boom Sections	9 Sections
Boom Plumbing & Spacing	1.25IN SS plumbing Spacing 15IN/20IN/30IN
Min & Max Boom Height	20IN MIN - 91IN MAX
Additional Features	Auto-boom height control, individual nozzle control, direct injection



# FEATURES & OPTIONS

**REMOTE TELEMATIC SYSTEM** Monitor performance in real time. RBR's remote vehicle telematics system, standard on all models, allows technicians to remotely connect to the machine to monitor all major components of the chassis system and provide time-saving off-site diagnostics. The remote link uses an app-based system and Bluetooth connection with an on-site smartphone. This gives end-users and service technicians a powerful, cost-efficient diagnostics tool to maximize machine up-time without the hassle and cost of subscriptions or contracts.



**VARIABLE TRACK AXEL SYSTEM (VTA)** RBR's VTA system delivers the convenience of in-cab wheel track adjustment of up to 30 inches with the touch of a button. Powerful cylinders effortlessly adjust the track to the maximum width in under 30 seconds. The VTA system also includes 4-wheel steer, which greatly reduces the turning radius to 12.5 feet for a Vector 350 and 15 feet for a Venturi 380, allowing for increased maneuverability at the end of a pass. The machine creates only a single set of tracks during the turn compared to a 2-wheel steer, significantly minimizing damage to crops in the headlands.

**RAVEN GUIDANCE & CONTROL** RBR offers industry-leading application capabilities to improve your agricultural efficiency. We outfit our applicators with the latest technology, so you can be assured your equipment delivers the best return on investment for your operations. With the RBR Viper 4+ field computer, effortlessly manage dry or liquid application with the touch of your finger. Pre-loaded with RBR chassis and attachment profiles, the Viper 4+ is a user-friendly ISOBUS platform that is fully compatible with Raven steering and data transfer solutions. Raven's RS1 offers precise steering guidance at both high and low speeds with quick line acquire to give you the ability to cover more acreage in a day. The user-friendly unit is designed with simple set-up features and includes the Slingshot modem for machine connectivity.



	VECTOR 350	VENTURI 380	VECTOR VORTEX
<b>ENGINE</b>			
Make / Displacement	Cummins QLS 9-Liter Tier 4F with Compact Catalyst (CCC) and Selective Catalytic Reduction (SCR)		
Horsepower @ 2000RPM	350HP (optional 380HP)	380HP	350HP (optional 380HP)
Fuel / DEF Capacity	150GAL / 15GAL		
<b>DRIVETRAIN</b>			
Transmission	Allison Automatic 3000 RDS with dual mode shift select and shift-lock		
Transfer Case	Marmon Herrington 2-speed 2.5:1 ratio (5 speed low range / 4 speed high range)		
4 Wheel Drive	Selectable 2x4 - 4x4, standard on all axle configurations		
<b>AXLES</b>			
Standard Fixed Track	AxleTech 5000 series double reduction planetary (29,000# front / 29,000# rear)		
Optional Fixed Track	Meritor wheel end planetary, S-Cam brakes, front & rear differential lock (32,000# front / 32,000# rear)		
Optional Adjustable Width/4-Wheel Steer	Variable Track Axle (VTA) - AxleTech adjustable wheel track axle 114IN to 144IN, 4-wheel steering, (32,000# front / 32,000# rear @ full width)		
<b>SUSPENSION</b>			
	High capacity air-ride suspension with heavy duty shocks, in-cab airbag dump, greaseless torque rods with extended-life polycarbonate bushings		
<b>OPERATOR CAB</b>			
Controls	7IN touch screen engine monitor with interactive diagnostics		
HVAC	Auto climate control		
Radio	FM/AM/XM radio with CD and Bluetooth		
Communication	Remote chassis telematics		
Options	Heated and ventilated leather seat, leather wrapped steering wheel, high-intensity LED lighting		
<b>DIMENSIONS</b>			
Frame	10"x4"x3/8" high strength tubular steel with 40MIL polyurea coating		
Overall Length	292IN (7.41M)	319IN (8.10M)	292IN (7.41M)
Wheelbase	168IN (4.26M)	183IN (4.64M)	168IN (4.57M)
Overall Width	135IN (3.4M)		
Overall Height	147IN (3.73M)		
<b>WEIGHT</b>			
Single Product	22,480LBS	25,860LBS	27,800LBS
Double Product	23,600LBS	26,800LBS	
Triple Product	24,000LBS	26,980LBS	
<b>TIRES</b>			
Row Crop	4 options: 380/90R46 173D (standard), 380/105R50 179D (optional), 420/95R50 177D (optional) or 480/80R50 177D (optional)		
Floatational	650/65R38, 800/50R42 or 710/70R38		



