

RBRENTERPRISE.COM





2020 RBR ENTERPRISE PRODUCT LINE

VECTOR 380

UNMATCHED PERFORMANCE & DEPENDABILITY FOR YOUR PRODUCTIVITY







NEVER COMPROMISE



NEVER COMPROMISE

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

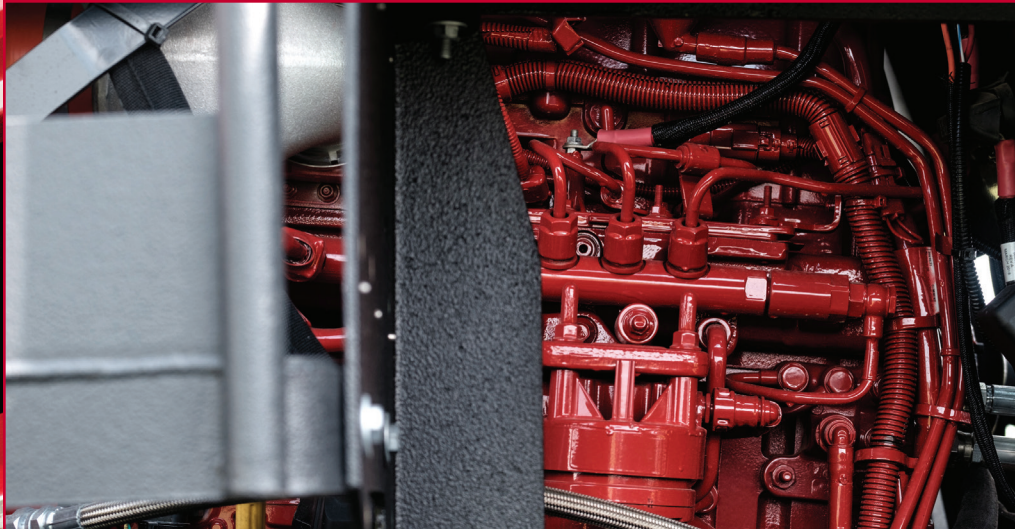
RBR has one of the most comprehensive nationwide distributor networks, providing you exceptional product support and service. These industry-leading AG dealers recognize quality, and that's why they've chosen RBR.

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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



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.



THE RBR DIFFERENCE

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

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.

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 380

Innovation To Power Your Productivity

Step into the new Vector 380: 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 380 is designed for use during pre-plant and post-plant season so you can maximize your productivity and your investment.



NEW LEADER SPECIFICATIONS

Vector 380 applicators feature New Leader beds.

Spreader Size	13FT Length x 102IN Width	14FT Length x 102IN Width	16FT Length x 102IN Width
Spreader Material	RBR Red 409SS or Silver Finish 304SS		
Capacity	276CU FT	300CU FT	343CU FT
Multi-Product	Dual product - 5FT or 7FT Insert • Multi-bin 8FT Insert - 3 or 4 product capability		
Multi Product Capacity	5FT Insert - 115CU FT (325CU FT total) 7FT Insert - 161CU FT (327CU FT total) 8FT Multi-bin - 166/143/23/21 (353)	5FT Insert - 115CU FT (368CU FT total) 7FT Insert - 161CU FT (356CU FT total) 8FT Multi-bin - 166/143/23/21 (382)	5FT Insert - 115CU FT (426CU FT total) 7FT Insert - 161CU FT (414CU FT total) 8FT Multi-bin - 166/143/23/21 (440)
L4500 Features	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 and temp sensors, centralized grease bank		
L5000 Features	Pressure compensated product pump, 304SS sub-frame and cross members, automatic belt tensioner, auto-adjuste feed gate, auto spinner adjustment - fore/aft and left/right, 16 section product control, 1/2 width spreading, 304SS jack and jack-handle, pressure and temp sensors, centralized grease bank		

VENTURI 400 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 400

Precision Meets High-Power Performance

Minimize waste and maximize efficiency. The new Venturi 400 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 400 offers efficient precision application year round.



APPLICATOR SPECIFICATIONS

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

VENTURI 400 WITH RA-885 features a straightforward design with a 304SS mesh-chain delivery system, rear-mounted 70^{FT} booms, application rates of up to 1,200^{LBS} per acre, and an industry-leading 350^{CU FT} 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.

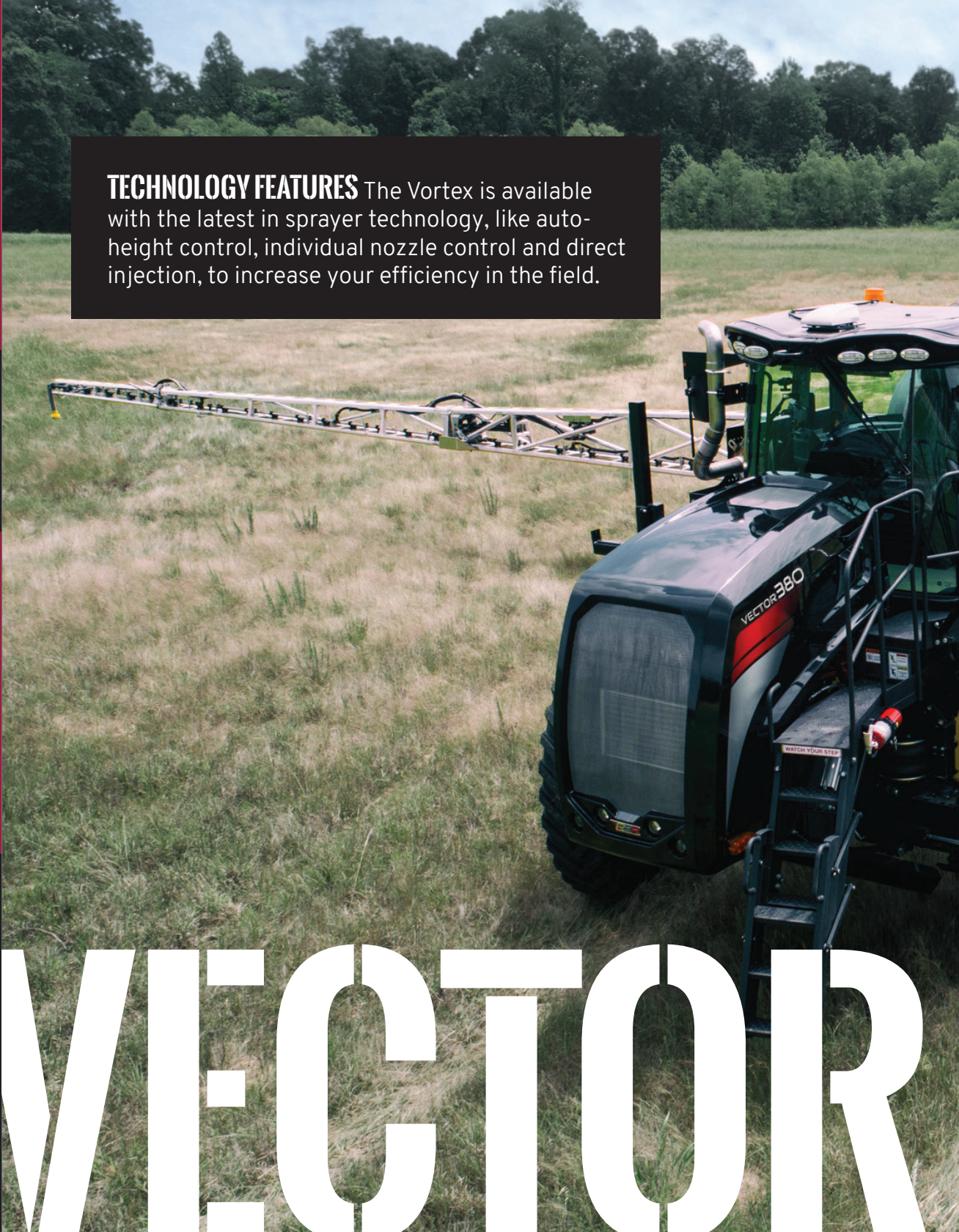


COMBO READY All units are equipped with an ISO hydraulic quick-connect bulkhead for a clean and seamless change from the liquid system to a dry spinner box.



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.



VECTOR



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.

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 Eductor	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

Vector 400 HD

The new Vector 400 HD features top-tier components and enhancements that are setting the bar for application machinery. With an extended frame, New Leader 16-foot box and increased Meritor axle capacity, the Vector 400 HD surpasses the standard Vector payload by 25 percent with an impressive 14-ton bed capacity. With a 400HP engine and 4x4 capabilities, the Vector 400 HD offers unequalled performance and productivity.



VENTURI RA-885



Venturi RA-885 90FT

Bigger is better. The Venturi RA-885 goes above and beyond the standard air machine. Now available with 90-foot booms, the Venturi is 20-foot wider than average row-crop applicators, and covers over 30 acres an hour more than standard air machines. To help navigate through difficult terrain, the Raven AutoBoom® offers piece of mind by automatically adjusting boom position to avoid obstacles and maintain consistent application height.

RBR is your trusted source for application machinery that excels. Our equipment doesn't just work better than the other industry standards – it works for you, generating higher revenue for your operation in every season.

During pre-plant season, tackle the most adverse field conditions with the ability to use a wide range of flotation tire sizes and unrivaled 4x4 capabilities. This offers a huge advantage against 2-wheel drive units, by allowing you to get to the field sooner without risking getting stuck and creating unproductive downtime.

While floaters are parked, continue to utilize and generate revenue throughout the growing season with an RBR. With row crop tires and optional crop guard, the RBR can effectively spread over taller crops during the time they need it most.

The effective multi-season capability will greatly improve your bottom line.

Not only does RBR offer the versatility to keep your operation going all season long, our machines bring industry-leading capacities against all air and spinner application equipment in the market. With larger capacities and increased road speed, you will save time in tendering and machine transfer week after week, adding up to thousands of dollars a year and giving you unmatched efficiency and profitability.

RBR application equipment is engineered and built with quality in mind. Our straightforward design uses the highest quality components to ensure dependable, long-lasting results when you need them most. That means you can run RBR machines longer and harder without major uptime – giving you the quality and dependability you need for a successful season.



FEATURES & OPTIONS



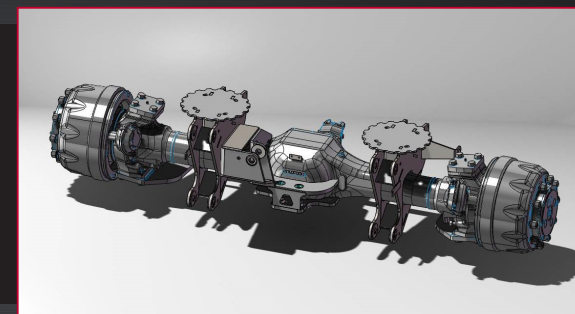
REMOTE TELEMATIC SYSTEM Monitor performance in real time. RBR's remote vehicle telematics system, standard on all models, allows technicians to remotely connect to the machine to monitor all major components of the chassis system and provide time-saving off-site diagnostics. The remote link uses an app-based 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.

NARROW TRACK AXLE Narrow Track Axle – RBR's Narrow Track Axles allow for a fixed 90" or 108" wheel track for easy maneuverability where roads or field access points restrict larger machines. The narrow track axles have been engineered with the same capacity and suspension of the standard machine.



	VECTOR 380	VENTURI 400	VECTOR VORTEX
ENGINE			
Make / Displacement	Cummins QLS 9-Liter Tier 4F with Compact Catalyst (CCC) and Selective Catalytic Reduction (SCR)		
Horsepower @ 2000 _{RPM}	380 _{HP} (optional 400 _{HP})	400 _{HP}	380 _{HP} (optional 400 _{HP})
Fuel / DEF Capacity	150 _{GAL} / 15 _{GAL}		
DRIVETRAIN			
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		
AXLES			
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 114 _{IN} to 144 _{IN} , 4-wheel steering, (32,000# front / 32,000# rear @ full width)		
SUSPENSION			
	High capacity air-ride suspension with heavy duty shocks, in-cab airbag dump, greaseless torque rods with extended-life polycarbonate bushings		
OPERATOR CAB			
Controls	7 _{IN} 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, Tinted Glass		
DIMENSIONS			
Frame	10"x4"x3/8" high strength tubular steel with 40 _{MIL} polyurea coating		
Overall Length	292 _{IN} (7.41 _M)	319 _{IN} (8.10 _M)	292 _{IN} (7.41 _M)
Wheelbase	168 _{IN} (4.26 _M)	183 _{IN} (4.64 _M)	168 _{IN} (4.57 _M)
Overall Width	135 _{IN} (3.4 _M)		
Overall Height	147 _{IN} (3.73 _M)		
WEIGHT			
Single Product	22,480 _{LBS}	25,860 _{LBS}	27,800 _{LBS}
Double Product	23,600 _{LBS}	26,800 _{LBS}	
Triple Product	24,000 _{LBS}	26,980 _{LBS}	
TIRES			
Row Crop	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		