



**DRIVING
AGRICULTURE
FORWARD
ONE FIELD
AT A TIME**

2025

**RBR ENTERPRISE
PRODUCT LINE**

PRODUCTIVITY IN A LEAGUE OF ITS OWN

Our straightforward design uses the highest quality components to ensure durability and reliability with fewer maintenance costs year over year. The effective multi-season capability will keep your operation going all season long.





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ABOUT US

RBR Enterprise's journey began in Byhalia, MS, driven by the vision of our owner, Gary Reid, to fill a gap in the market for high capacity, mechanically driven, row crop machines. This foundation has paved the way for RBR's machines to evolve, now featuring cutting-edge technology and industry-leading design. Our complete line of diverse application equipment, including the Vector, Venturi and Vector models, meets the varied needs of our customers, delivering reliable and efficient solutions for modern agriculture.

As one of the fastest-growing OEMs in the industry, RBR Enterprise has built a reputation for exceptional quality and service. With over 2,000 machines produced in the last decade and a robust annual production rate, we support large-scale operations with unmatched reliability. Our expansive dealer network spans North America, Australia, and South America, offering top-tier service and support.



PARTNERING WITH RBR MEANS

- **BENEFITING FROM OUR RICH HISTORY OF INNOVATION**
- **UNWAVERING COMMITMENT TO CUSTOMER SATISFACTION**
- **DEPENDABLE MACHINERY**

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COVERING MORE GROUND YEAR-ROUND

Our new 2025 design is engineered to tackle the most adverse field conditions, acre after acre, day in, day out, year after year. RBR machines give you the versatility you need during the time you need it most.

Pair row crop tires and an optional crop guard to spread over taller crops with ease. Combine the ability to use a wide range of flotation tire sizes with our unrivaled 4x4 capabilities and you will see how our machine earned its reputation for dependability.





UNMATCHED SERVICE & SUPPORT

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

LESS FILLING MORE FIELDING

With large capacity and increased transfer speed, you will spend less time loading and more time in the field, adding unmatched efficiency and profitability to your bottom line.



WELCOME TO THE NEXT GENERATION OF RBR ENTERPRISE!

For over 18 years, RBR Enterprise has been synonymous with dependable, hardworking machines for hardworking operators. With its latest enhancements, our 2025 applicator machines are more than tools—they are partners in the field, crafted to meet modern agriculture's rigorous demands with ease and efficiency.

NEW UPDATES 2025

- 1 UNDER-SEAT REFRIGERATOR**
- 2 PULL-DOWN SCREENS**
- 3 NEW JOYSTICK**
- 4 REDESIGNED CONSOLE**
- 5 DUAL ZONE HVAC**
- 6 ACCESSIBLE COOLING TOWER**
- 7 UPGRADED WALL MATERIALS**
- 8 NEW WINDSHIELD WIPERS ON ALL WINDOWS**
- 9 ADDED FOOT PEGS**
- 10 UPGRADED LED LIGHTING INSIDE AND OUT**
- 11 TALLER WINDOWS**
- 12 REDESIGNED HOOD**





**BUILT TO LAST.
BUILT FOR FAST.**

STRONG FROM THE START

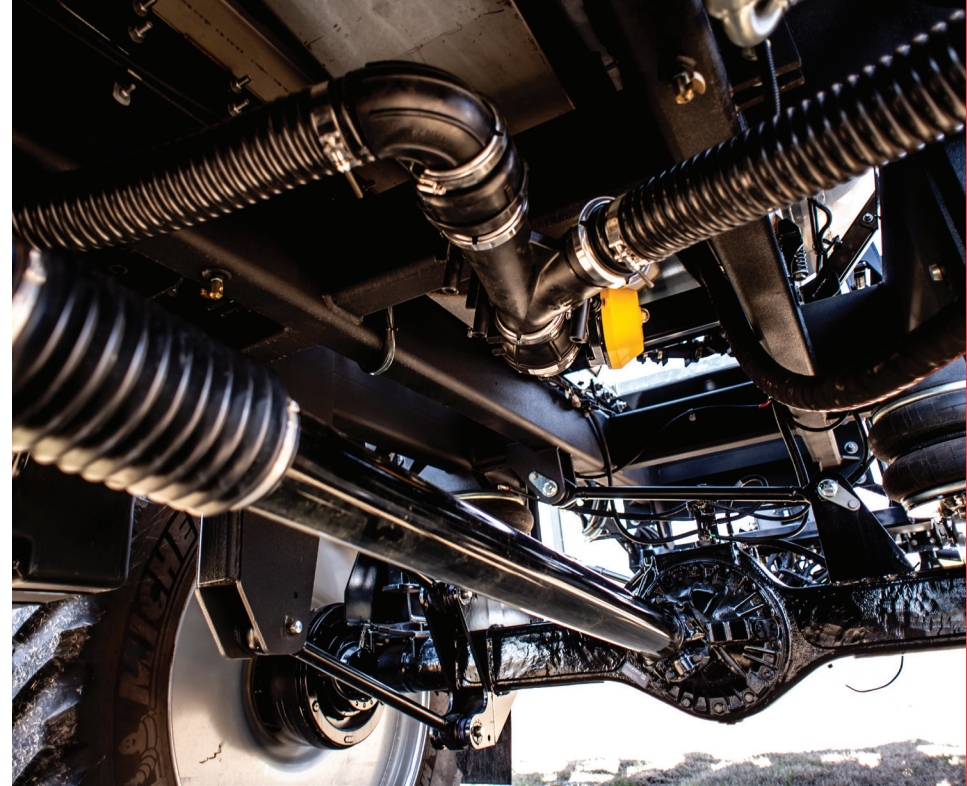
High strength frames are made from 10IN X 4IN high-grade material and are fully boxed with secondary reinforcement plates for added durability. All frames are coated with a polyurea armor coating for superior protection to maximize the life of your equipment.

4X4 MECHANICAL DRIVE-TRAIN

RBR's 4x4 mechanical drive-train, a straightforward, no-frills design featuring an Allison RDS automatic transmission with dual mode shift, a 2.5:1, 2-speed transfer case, and a Tier 4 Cummins 9-liter QSL engine, offers the simplest and best solution for reliability, lower cost of ownership, and unsurpassed performance, allowing you to tackle the most adverse field conditions with ease.

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.





CAB FEATURES & OPTIONS

The interior cab now features a spacious fridge under the buddy seat, pull-down screens on all windows to minimize glare, and a redesigned joystick and console for improved ergonomics. The dual-zone HVAC system, upgraded noise-reducing materials, and new windshield wipers enhance comfort and visibility. Additional improvements include standard foot pegs, high-intensity LED lighting, a taller roof for more headroom, and a redesigned hood for better forward visibility.

■ STANDARD

- Bluetooth
- Automatic Climate Control System
- Foot pegs
- Premium noise canceling wall materials
- Refrigerator under buddy seat
- Windshield wipers (all windows)
- Dual Zone HVAC
- Heated and cooled leather seat

■ OPTIONS

- Tinted windows



VECTOR 390



The L4500, L5000, and NL720 come standard with 304SS sub-frame and cross members to protect your investment.

YIELD THE DIFFERENCE

Step into the Vector 390: 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 390 is designed for use during pre-plant and post-plant season so you can maximize your productivity and your investment.



PRESSURE COMPENSATED HYDRAULICS HELP MAINTAIN RATES, EVEN AT LOW ENGINE RPMS.

VECTOR 390 WITH NEW LEADER NL720

The NL720 spinner bed is the new standard in the application industry. With a 120' spread pattern, 33% more efficient high-output design, heavy-duty 304 stainless steel construction, and adjustable spread width, experience spreading like never before.

VECTOR 390 FEATURES INCLUDE

- Higher road speed to maximize covered acres
- Multi-season versatility
- Largest capacity spreader bed
- Ergonomic and accessible operator cab
- Selectable 4x4 mechanical drive



BETTER, FASTER COVERAGE IN THE FIELD

Minimize waste and maximize efficiency. The Venturi 430 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, the Venturi 430 offers efficient precision application year round.

VENTURI 430 WITH RA-885

The Venturi features a straightforward design with a 304SS mesh-chain delivery system, rear-mounted 72FT and 90FT booms, application rates of up to 1,200LBS per acre, and an industry-leading 350CU 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.

VENTURI 430



VORTEX 390



OVERVIEW

Designed with efficiency in mind, the new Vortex covers more ground and maximizes ROI with high capacity product tank and boom options. The center rack allows the booms to float over the field increasing the life of the booms and quality of application. The streamlined loading station provides one-touch valve operation to get you loading, spraying, or cleaning faster with less effort.



IMPROVED RATE CONTROL

- Distance from main hydraulic pump to product pump motor decreased for improved rate stability and response
- Upgraded product pump options. Choose your ACE pump to match the desired application rate.

STRUCTURAL IMPROVEMENTS

- Pin joints have been redesigned to be greasable and with heavy duty pin collars to handle the loads generated by high performance operators
- 4-bar pins are 50% larger
- Improved shock protection from optimized accumulator integration
- Re-designed frame-end, 4-bar lift linkage, and center rack structures to improve function, durability, and a refined boom ride

LOAD STATION IMPROVEMENTS

- Cleaner, more user-friendly load station for faster, easier operation
- Streamlined flow paths and simplified mapping to provide expanded application range
- Relocated control panel provides a more comfortable user experience
- Relief valve added to protect product plumbing from pressure spikes, helping to reduce leaks



VECTOR 430

The Vector 430 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 430 surpasses the standard Vector payload by 25 percent with an impressive 14-ton bed capacity. With a 430HP engine and 4x4 capabilities, the Vector 430 offers unequaled performance and productivity.

A large red and white Venturi 430 RA-885 90FT air machine is shown in operation in a grassy field. The machine has a long, low-profile boom with multiple nozzles, and it is equipped with large, heavy-duty tires. The background features a line of trees under a blue sky with scattered clouds.

VENTURI 430 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 XRT® offers peace of mind by automatically adjusting boom position to avoid obstacles and maintain consistent application height.

NEW LEADER 720 SPINNER BED

A machine unlike any other. The NL720, equipped with a state of the art design, spreads further and faster than ever before. Maximize your yields and minimize your downtime.



PRODUCTIVITY

- Spread further. Spread more. Spread faster.
- 120' spread pattern
- Increase acres per day by 33%

EASE OF USE

- Simple, in-cab controls
- Built-in spread pattern wizard for quick startups

EASE OF MAINTENANCE

- 304 stainless steel construction
- No grease points
- Maximize time in the field

VERSATILITY

- Dual bins and stacked conveyors for more application than ever before.
- Spread from 70' to 120' with no additional spread pattern testing or calibration.





THE FUTURE OF AGRICULTURE

With split conveyors and stacked twin discs, the NL720 represents a shift in the agriculture industry. Combining unprecedented design with ease-of-use, the NL720 can help you achieve unrivaled productivity. Crop damage, unnecessary passes, overlap, and soil compaction will become a thing of the past.

KEY BENEFITS

- 120' spread patten
- 33% more efficient high output design
- Industry leading pattern control
- Simple, intuitive calibration process
- No grease points, maintenance-free bearings
- Easy to change spread width from 120', to 90', 80', and 70'



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.



CROP SHIELD

When applying over-the-top, the front mounted shield helps prevent damage to middle and late season crops. The angled shield protects the crop from getting snagged on axles, air-lines, and other drive-line components.

RAVEN FLEET ANALYTICS (READY)

All RBR's are equipped with the hardware to utilize Raven's Fleet Analytics system. This reporting tool provides insight on an operation's entire fleet and system. Analyze current and past Slingshot work orders, data such as acres covered or machine usage, current fuel level, engine hours, and transport/working time. In addition, it alerts users on system events tied to any Raven hardware connected to the machine. Alerts are completely customizable by user type, criticality, location, and system.



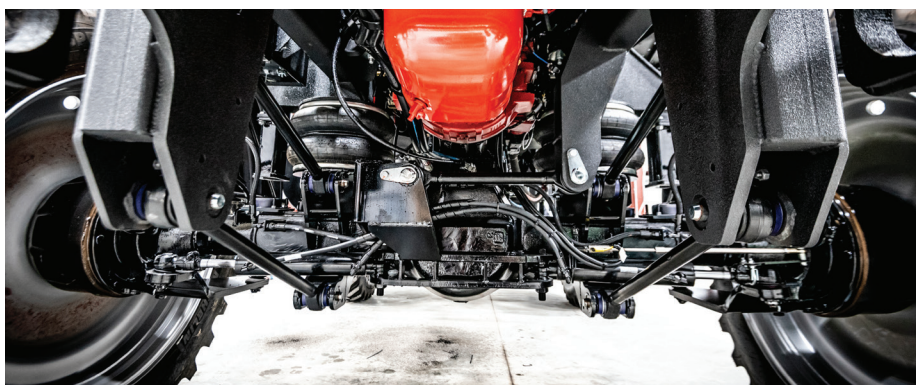
REMOTE TELEMATIC SYSTEM

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.



ADJUSTABLE TRACK AND 4-WHEEL STEERING

All RBR models can be equipped with adjustable track axles that offer the convenience of in-cab wheel track adjustment of up to 30 inches. 4-wheel steering is available with standard axles or adjustable track axles. 4-wheel steer greatly reduces the turning radius which allows 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.



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 390 - SPINNER SPREADER SPECIFICATIONS

Vector 390 applicators feature New Leader beds.

	L4500	L5000	NL720
SPREADER SIZE	14 FT Length x 102 IN Width	16 FT Length x 102 IN Width	14 FT Length x 102 IN Width
SPREADER MATERIAL	RBR Silver Finish 304SS		
CAPACITY	300 CU FT	343 CU FT	363 CU FT
MULTI PRODUCT	Dual product – 5FT or 7FT Insert, or 8 FT Multi-bin Insert – 3 or 4 product capability		
MULTI PRODUCT CAPACITY	5FT Insert - 115 CU FT (368 CU FT total) 7FT Insert - 161 CU FT (356 CU FT total) 8 FT Multi-Bin 195 / 143 / 23 / 21 (382)	5FT Insert - 115 CU FT (426 CU FT total) 7FT Insert - 161 CU FT (414 CU FT total) 8 FT Multi-Bin 253 / 143 / 23 / 21 (440)	Bin 1 – 218 CU FT Bin 2 – 145 CU FT
L4500 FEATURES	Pressure compensated product pump, 304SS subframe 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 subframe and cross members, automatic belt tensioner, auto-adjust 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		
NL720 FEATURES	120 FT spread pattern, pressure compensated product pump, grease free bearings, 304SS subframe and cross members, operator platform on rear		

VENTURI 430 - AIR SPREADER SPECIFICATIONS

APPLICATOR SPECIFICATIONS	RA-885
SINGLE PRODUCT CAPACITY	350 cu. ft. - 72' 320 cu. ft. - 90'
MULTI PRODUCT CAPACITY	Bin 1: Adjustable 175 cu. ft. or 209 cu. ft. Bin 2: Adjustable 95 cu. ft., 140 cu. ft. or 174 cu. ft. Micro Bin: 45 cu. ft.
BOX MATERIAL	409SS Painted Red
BOOMS	72' 304SS with 32 outlets or 90' 304SS with 37 outlets
METERING SYSTEM	Bins 1 & 2: LH & RH independently driven 16" 304SS mesh chains. Micro Bin: LH/RH roller meters, clutched controlled on/off.
FAN	Single 22" Fan
FEATURES	Viper 4+, 7' break-away tips, VRA capable for up to 3 products

VORTEX 390 - LIQUID SPECIFICATIONS

PRODUCT TANK OPTIONS	1,600 gal, 2,000 gal, or 2,400 gal
FRESH WATER CAPACITY	100 gal.
PRODUCT PUMP	STD - Ace 255 pump - 260 GPM High - Ace 755 pump - 290 GPM
APPLICATION RANGE	Liquid Nitrogen - Up to 60 GPA @ 18 MPH, Liquid P&K - Up to 50 GPA @ 18MPH, Herbicide/Pesticide/Fungicide - Up to 40 GPA at 25 MPH
SOLUTION FILL CONNECTION	3" LHS Fill & 3" Front Fill (not available on VTA axles)
CHEMICAL EDUCTOR	6 gal. Stainless Steel
BOOMS	90', 100', 120', or 132'
BOOM SECTIONS	9 sections
BOOM PLUMBING & SPACING	1.25" SS plumbing - Spacing 15", 20", 30"
MIN & MAX BOOM HEIGHT	20" min - 91" max
LOAD STATION	Digital load station control panel, electric valves, 3" side fill for main product - directly to main tank, 3" front fill for main product, 2" powered offload
PRECISION EQUIPMENT	Viper 4, XRT, Hawkeye 2, VSN
ADDITIONAL FEATURES	Auto-boom height control, Auto-fold, Individual nozzle control, Direction injection

SPECIFICATIONS	VECTOR 390	VENTURI 430	VORTEX 390
POWERTRAIN			
ENGINE MAKE / DISPLACEMENT	Cummins QSL 9 Liter Tier 4F with Compact Catalyst (CCC) and Selective Catalytic Reduction (SCR)		
HORSEPOWER @ 2,100 RPM	390 HP (optional 430 HP)	430 HP	390 HP (optional 430 HP)
FUEL / DEF CAPACITY	150 GAL / 30 GAL		
TRANSMISSION	Allison Automatic 3000 RDS with Dual Mode Shift Select & 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	Meritor wheel end plantery, s-cam brakes, front & rear differential lock (36,000# front / 36,000# rear)		
AXELS - OPTIONAL ADJUSTABLE WIDTH/ 4-WHEEL STEER	Dromos adjustable wheel track 114in to 144in, and available 4-wheel steering (32,000# front / 32,000# rear)		
CAB			
CAB CONTROLS	7" Touch screen engine monitor with interactive diagnostics		
CAB HVAC	Automatic dual zone HVAC system		
CAB RADIO	FM/AM Radio with CD and Bluetooth		
CAB COMMUNICATION	Remote Chassis Telematics - Subscription Free		
STANDARD CAB OPTIONS	Heated and Ventilated Leather Seat, Automatic Air Suspension Adjustment (Standard)		
CHASSIS, FRAME, TIRES			
SUSPENSION	High-Capacity Air-Ride Suspension with Heavy Duty Shocks, in-cab airbag dump, greaseless torque rods with extended-life polycarbonate bushings		
FRAME	10" x 4" x 3/8" High Strength Tublar 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. (4.26 m)
OVERALL WIDTH	135 in. (3.4 m)		
OVERALL HEIGHT	153 in. (3.88 m)		
WEIGHT - SINGLE PRODUCT	44,480 lbs.	30,100 lbs.	31,250lbs (90' booms)
WEIGHT - DOUBLE PRODUCT	23,600 lbs.	31,400 lbs.	
WEIGHT - TRIPLE PRODUCT	24,000 lbs.		
ROW CROP TIRES	380/90R46 173D (Standard); 380/105R50 179D (Optional); 420/95R50 177D (Optional); 480/80R50 177D (Optional)		
FLOTATIONAL TIRES	650/65R38; 710/70R38; 800/50R42		



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