



## OVERVIEW

AxleTech partnered with RBR Enterprise, a leading manufacturer of agricultural equipment, to introduce the RBR Vector 300 with variable track axles. The mechanically-driven steerable axles adjust to varying row crops in five different track widths: 114 in, 120 in, 132 in, 138 in, and 144 in. The agricultural spreader also features 4-wheel steering, allowing for tight turns in the field.

## FEATURES AND BENEFITS

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### **Wider axle extensions**

114 in, 120 in, 132 in, 138 in, and 144 in track widths allows for a full 15 inch extension per side, 150% more than the extension of competing designs.

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### **Mechanical drive**

With just the push of a button, the vehicle can adjust to five necessary track locations, which enhances productivity when working in varying row widths.

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### **Reduced turning radius**

Adjustable steer axles allow the vehicle to turn on a dime, reducing the turning radius in almost half.

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### **Four-wheel steer/crab steer**

Four-wheel steer allows for increased maneuverability at the end of a pass. Crab steer allows for greater control when operating on hillsides.

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## TECHNICAL SPECIFICATIONS

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<b>Rating lb (kg)</b>	32,000 (14,515)
<b>Axle weight lb (kg)</b>	4,000 (1,814)
<b>Axle housing</b>	Cast ductile iron
<b>Axle ratios</b>	8.79
<b>Axle type</b>	Planetary steerable, front and rear
<b>Planetary ratios</b>	3.56
<b>Wheel mount in (mm)</b>	Hub piloted 10 Stud - 13.19 BC (335)
<b>Service brakes</b>	WDN 410 x 200, wedge drum
<b>Hub flange to flange in (mm)</b>	124 to 154 Adjustable (3,150 to 3,912)
<b>Mounting centers in (mm)</b>	Front 38.0 (965), Rear 56.0 (1,422)
<b>Track inches (mm)</b>	114 to 144 Adjustable (2,896 to 3,658)
<b>Pinion joint series</b>	17 TYS and others
<b>Steering joint type</b>	Double cardan
<b>Steering angle</b>	35°
<b>King pin inclination</b>	7°
<b>Toe-in</b>	Adjustable
<b>Axle mounting</b>	Spring centers and pad width to vehicle requirements
<b>ABS hub compatibility</b>	Option available
<b>Input rotation</b>	Clockwise, Counterclockwise
<b>CTIS compatibility</b>	Option available
<b>Parking brake in (mm)</b>	SAHR 19.47 x 50 (495 x 13) (available in rear)

NOTE: Options may not be available on every axle configuration. Rating ratios and main dimensions are subject to AxleTech Engineering approval.

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