



Portable Tire Bead Seaters

Vortex® Portable Bead Seaters
Power Where You Need It.

STUBBORN TIRE BEADS. MEET RANGER VORTEX.

An unseated tire bead can stop a tire job in its tracks. Ranger Vortex portable tire bead seaters deliver a concentrated burst of compressed air between the tire bead and tire wheel to help establish the seal. Push-button rapid air release puts that burst at your fingertips, while an aluminum alloy tank keeps each model easy to carry to the wheel.

Available in three sizes, Vortex gives you the capacity to match the work in front of you. The compact **RB6L** handles tires up to 17 inches, the **RB10L** steps up for tires up to 20 inches, and the larger **RB12L** tackles tires up to 24 inches. From motorcycles and ATVs to sedans, SUVs and heavy-duty pickups, there's a Vortex Portable Bead Seater ready to get things seated.

READY WHEN THE BEAD FIGHTS BACK

Changing a tire is straightforward right up until a stubborn bead decides otherwise. Vortex gives tire technicians a purpose-built tool for that exact moment. Charge the tank, position the nozzle, and unleash a rapid shot of compressed air to help get the bead against the rim and the job moving again.

Compact aluminum construction, straightforward controls and multiple configurations make the Vortex Portable Bead Seater an easy addition to a tire shop, service bay or mobile tire setup.



PUSH-BUTTON CONTROL

There's no need to wrestle with a complicated release mechanism when you're already positioning a tire, wheel and bead seater. Vortex uses a push-button trigger mechanism for quick air release while front and rear handles give the operator secure points for positioning and control.

The integrated pressure gauge keeps tank pressure visible while you work, and a pressure release valve provides another key part of the system's pressure management.

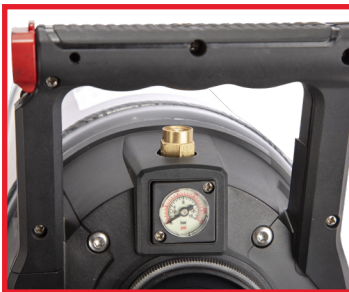
ALUMINUM TANK WITHOUT THE BULK

Portable equipment needs to stay portable. Each Vortex bead seater uses an aluminum-alloy air tank, keeping weight down while providing the compressed-air storage needed for a hard, fast discharge.

Lightweight aluminum construction keeps every Vortex bead seater easy to handle without sacrificing the air capacity needed to get the job done. The portable design makes it simple to carry around the shop, move between service bays or bring directly to the tire instead of wrestling with bulky equipment.



Air Intake



Pressure Gauge



Tapered Exhaust Nozzle





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CHOOSE THE RIGHT CAPACITY FOR YOUR WORK

The **RB6L** puts a 6L tank and push-button air release in the lightest, shortest Vortex bead seater. At 8.4 lbs. and 21 inches long, it is easy to carry from storage to the wheel. Choose it for the passenger car, motorcycle and ATV applications in the Vortex range.

The **RB10L** brings 10L of tank capacity to SUV and light pickup tire service. It holds 4L more than the RB6L for just 1.1 lbs. of additional weight. Aluminum construction keeps the complete bead seater at 9.5 lbs. for carrying between service bays.

Choose the **RB12L** for the largest Vortex tank and full-size or heavy-duty pickup tire service. Its 12L capacity adds 2L over the RB10L, while the complete bead seater weighs 10.6 lbs. Front and rear handles provide a two-handed grip during use.



Air Release Switch



Pressure Release Valve

SHARED FEATURES ACROSS THE VORTEX LINEUP

Every Vortex model uses a 1.75-inch (44 mm) high-flow exhaust valve and a tapered nozzle to direct air toward the bead gap. The nozzle brace rests against the wheel rim for positioning, while front and rear handles provide a two-handed grip during discharge.

Fill the tank from your compressed-air supply through the quick-connect coupler and inlet valve, with tank pressure visible on the onboard gauge. Each model includes a pressure relief valve and a cover over the release switch. Normal working pressure is 87–116 psi. Follow the user guide for filling and operation.



SPECIFICATIONS

Model	RB6L	RB10L	RB12L
SKU	5140340	5140338	5140336
Tank Capacity	1.6 gal (6L)	2.6 gal (10L)	3.17 gal (12L)
Normal Working Pressure	87 - 116 psi		
Max. Working Pressure	145 psi		
Air Release Method	Automatic Rapid Air Release		
Outlet	Tapered Exhaust Nozzle		
Exhaust Valve	1.75 in. (44 mm) High-Flow Exhaust		
Tank Construction	Aluminum Alloy		
Trigger Mechanism	Push Button		
Tool Weight	8.4 lbs. (3.8 kg)	9.5 lbs. (4.3 kg)	10.6 lbs. (4.8 kg)
Overall Dimensions	21 x 8.7 x 11 in. (53 x 22 x 28 cm)	26 x 8.7 x 11 in. (66 x 22 x 28 cm)	28.7 x 8.7 x 11 in. (73 x 22 x 28 cm)
Application Guide	Passenger Cars, Motorcycles, & ATVs	SUVs & Light Pickups	Full-Size & Heavy-Duty Pickups