

**MORE**  
**SPEED ■ HORSEPOWER ■ TORQUE**

## RV1 Tire Changer

SKU# 5140138

TOUCHLESS  
WHEEL GUARDIAN™



1-800-253-2363 ■ [www.BendPak.com](http://www.BendPak.com)

**R** Ranger®

## RV1 Guardian™ Tire Changer

The Ranger RV1 Wheel Guardian features the latest in touchless wheel-service technology and provides your shop with the most advanced tire changing capabilities on the planet. You no longer need those tire irons and levers, so put them away! The RV1 is a workhorse designed to work on all wheels types without damaging the rim or requiring clumsy toolbars, bead locks or tire levers.

### ENHANCED FEATURES

#### No More Heavy Lifting

An integrated wheel lift with easy-guide rollers helps facilitate the handling of heavy wheels and virtually eliminates operator injury. Techs of all experience levels will love using this machine!

#### Quick and Precise Set-Up

Tires are secured to the changer in the same manner as a wheel balancer for user familiarity and super-fast setup times. A rubber base mount, multi-size center cones and patented no-mar "Quick-Nut" make mounting wheels fast and easy, further reducing any risk of wheel damage.

#### Wide Service Range

The Ranger RV1 Wheel Guardian tire machine provides an expanded service range on 13" – 30" rim diameters that are up to 15" wide, giving you the ability to work efficiently on a variety of wheel styles and sizes.

#### Powerful Bead Breaker

Automatically operated bead breaker rollers feature controlled penetration to easily loosen even the most stubborn and awkward beads.

#### RimGuard™ Technology

Ranger RimGuard™ Technology means expensive wheels are handled with greater care, resulting in less damage and increased work efficiency. A single, automatically operated tool head mounts and demounts tires without touching the wheel or requiring levers of any kind. The RV1 comes standard with hardened steel tool head and Nylon inserts.

#### Target-Lock Precision

Our exclusive Target-Spot™ laser provides precise position-sensing data from the robotic upper bead roller, then generates the exact coordinates for the Target-Spot™ tool head, making underside bead-tool positioning easy.

#### Easy View Mirror

The RV1 features a wide-view mirror mounted low on the chassis that provides a full view of underside operations.



Integrated Wheel Lift



Quick and Precise Set-Up



Powerful Bead Breaker



Easy View Mirror



**Foot Pedal Controls**

### **Maximum Power at Every Step**

This touchless tire changer features conveniently placed foot pedals that give operators precise control at all times. The powerful turntable works systematically at a controlled speed for easy tire removal and installation. The smooth, effortless, power delivery of the 3 HP motor provides multi-speed install performance, even on tires with stubborn beads. Reversible direction offers operators the ability to back up in the event of turntable stall during stubborn bead installation.

### **Precision Control Valves**

The RV1 features high precision foot pedal control valves capable of withstanding heavy use. They feature aluminum-alloy valve bodies with durable, corrosion resistant stainless steel spools, combined with a high precision finish for maximum seal life.



**Turbo-Blast Nozzle**

### **Powerful Bead Seating & Inflation**

A handheld turbo-blast nozzle allows technicians to direct a powerful burst of compressed air precisely where needed to seat even the toughest stubborn beads in seconds. A simple slide valve requires two-hand operation to protect operators from accidental discharge. Integrated tire inflation system features air-surge pulse inflation for faster inflation speed and improved bead seating. A large, easy-to-read pressure gauge with built-in pressure limiter and air dump valve simplifies tire inflation.

### **Extra Wheel Protection**

As added precaution, Ranger provides you with all the necessary tools to ensure wheel damage is minimized during wheel service operations. Our total-care package includes replaceable nylon inserts for the steel tool head, replaceable nylon remount and dismount heads, rubber pedestal cover, spare drop-center pull hook tool head and a no-mar Quick-Nut.

## **STANDARD ACCESSORIES**

**Water Filter / Oiler / Lubricator**



**Lubricator Bucket & Brush**



**Tire Inflation Gauge**



# THE WHEEL GUARDIAN

## RV1 FEATURES



# SPECIFICATIONS

<b>Model</b>	<b>RV1 Touchless / Wheel Guardian</b>
<b>Motor</b>	3 HP (220 VAC, 50-60 HZ, 1 PH)
<b>Air Requirement</b>	140 - 165 PSI (9.6 - 11.4 BAR)
<b>Rim Diameter Range</b>	13" - 30" (330 mm - 762 mm)
<b>Maximum Tire Diameter</b>	47" (1,194 mm)
<b>Maximum Wheel Width</b>	15" (381 mm)
<b>Maximum Tire Weight</b>	143 lbs. (65 kg)
<b>Dimensions</b>	34" (864 mm) <b>W</b> x 72" (1,829 mm) <b>D</b> x 76" (1,930 mm) <b>H</b>

