

RimGuard™
Touchless / Leverless
Tire Changer

Exotics

Run-Flats

Low-Profile Alloys



RX3040

LEVERLESS Wheel Service Means **INCREASED PROFITS** and **DECREASED Wheel DAMAGE**

The Ranger RX3040 features the latest in touchless wheel-service technology and provides your shop with the most advanced tire changing capabilities on the planet. Put those tire irons and levers away because you don't need them. It features an automatically operated tool head that mounts and demounts tires without touching the wheel or requiring levers of any kind. A durable day-to-day performer with the flexibility to service a wide variety of wheels including

OEM configurations as well as exotic performance wheels with ease. A full-menu of time saving features includes automatically operated bead breaker rollers with controlled penetration and loads of power, a power-assist traveling drop-center arm and power-drop assist roller that allows you to change even difficult run-flats and low-profiles with minimal effort and maximum efficiency. So whether you're dealing with standard steel wheels or expensive custom alloys, you can tackle them with confidence.

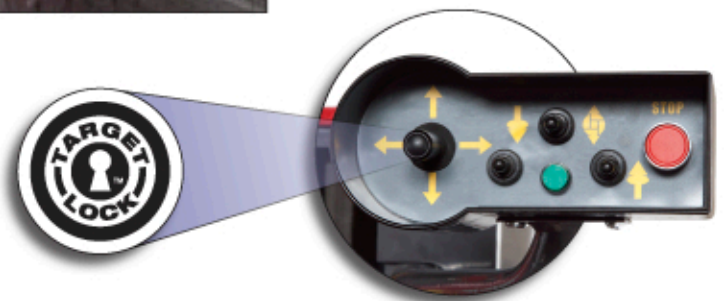
TOUCHLESS, AUTO-LOCATING TOOL HEAD

With the Ranger RX3040, tire irons and levers become a thing of the past as the unique reversible tool head effortlessly mounts and demounts the most stubborn tires with no wheel contact. Ergonomic joystick control combined with a precision hydraulic actuator and Target-Lock allows you to inch the tool head bead hook or bead lifting tip into position for gentle handling of delicate alloy wheels. Take your pick – a durable Nylon tool head or hardened steel with replaceable nylon inserts. Both come standard giving you the flexibility of choosing just the right tool for the job.



TARGET-LOCK PRECISION

Our exclusive Target-Lock button located on the joystick control provides automatic locating of both the tool head pulling tip and the mounting tip to an exact fixed point 1/8" away from the wheel edge. This non-touch feature ensures that no contact is made with the wheel during sophisticated mounting and demounting procedures. Precise position-sensing data from the robotic upper bead roller generates the exact coordinates for the Target-Lock™ tool head, making underside tool positioning as easy as pushing a button.

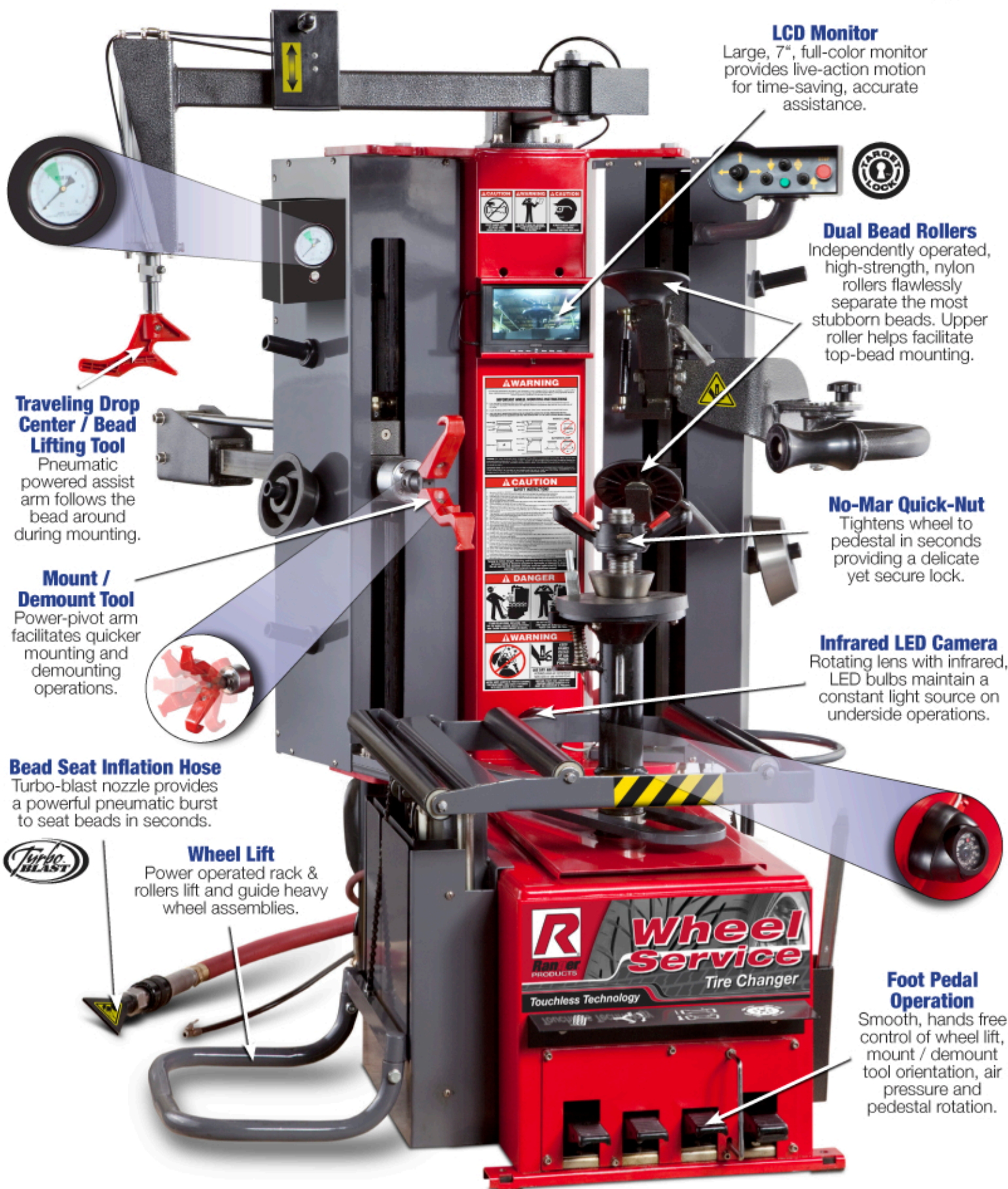


POWERFUL ASSISTANT TOOLS

A powerful pneumatic drop-center tool dramatically reduces the effort required to change tough, sidewall tires. Workers can concentrate on working safer and more efficiently. The drop-center holds run-flat and low-profile sidewalls in, then follows the bead around as the tire mounts. The reversible drop-center tool also doubles as a convenient tire hook for lifting tires up and off the wheel flange, reducing the effort required to demount. A power-drop top bead assist roller helps position top beads at an optimum position during both removal and installation of tough sidewall tires.



RX3040 RimGuard Touchless Tire Changer



LCD Monitor

Large, 7", full-color monitor provides live-action motion for time-saving, accurate assistance.



Dual Bead Rollers

Independently operated, high-strength, nylon rollers flawlessly separate the most stubborn beads. Upper roller helps facilitate top-bead mounting.

No-Mar Quick-Nut

Tightens wheel to pedestal in seconds providing a delicate yet secure lock.

Infrared LED Camera

Rotating lens with infrared, LED bulbs maintain a constant light source on underside operations.

Traveling Drop Center / Bead Lifting Tool

Pneumatic powered assist arm follows the bead around during mounting.

Mount / Demount Tool

Power-pivot arm facilitates quicker mounting and demounting operations.

Bead Seat Inflation Hose

Turbo-blast nozzle provides a powerful pneumatic burst to seat beads in seconds.

Wheel Lift

Power operated rack & rollers lift and guide heavy wheel assemblies.

Foot Pedal Operation

Smooth, hands free control of wheel lift, mount / demount tool orientation, air pressure and pedestal rotation.



R Wheel Service
Tire Changer
Touchless Technology

DESIGNED with all the FEATURES and PERFORMANCE you NEED in a tire changer.

The RX3040 is a hydraulic powered workhorse designed to work on virtually all wheels without damaging the rim and without using clumsy toolbars, bead locks or tire levers. An integrated wheel lift with easy-guide rollers helps facilitate the handling of heavy wheels and reduces the

chance of operators being injured during the process. Because your customers entrust you with their expensive wheels, make sure you have a tire changer that can do the job safely and without worry. The RX3040 was designed from the ground up to give you peace of mind for even the most challenging jobs.

Specifications

Type of Drive System	Air / Electric-Hydraulic
Dual Motors*	2 Hp & 3 Hp / 208 - 230V 60HZ 1 Ph
Air Requirement	140 - 165 psi (10 - 11 bar)
Wheel Clamping Method	Threaded Shaft / Cones / Quick-Nut
Wheel Clamping Capacity	10" - 30" / 254 mm - 762 mm
Tire Width Capacity	3" - 22" / 76 mm - 559 mm
Bead Breaking System	Top and Bottom Power Rollers
Combined Bead Breaker Force	10,600 psi
Tool Head	2 Position Automatic / Mount & Demount
Inflation System	Standard
Inflation Pressure Regulator/Limiter	Standard
Traveling Drop-Center Top Mount Helper	Standard
Top Power Assist Bead Roller	Standard
Water Filter / Oiler / Lubricator	Standard
Air Regulator	Standard
Breaker Bar	Standard
Large Soap Bucket / Brush	Standard
Powerful "Jet-Blast" Bead Seating System	Standard
Tire Inflation	Air-Blast Surge Inflation
Wheel Service Range	10" - 30" Diameter / 3" - 22" Wide
Maximum Tire Diameter	44" / 1,118 mm
Wheel Rotation Pedestal Speed - 360° Rotation	8 sec.
Shipping Weight	1,410 lbs. / 640 kg

*Global voltages available. Specifications are subject to change without notice.



ROBOTIC BEAD BREAKER ARMS AND ROLLERS

Independent, pneumatically operated bead breaker rollers feature controlled penetration to easily loosen stubborn and awkward beads. Top roller automatically retracts out of the way when raised to its full height.



PNEUMATIC TRAVELING DROP-CENTER TOOL

Automatically follows the wheel to maintain proper position of the tire within the drop-center.



WIDE SERVICE RANGE

Expanded service range of 10" - 30" to 22" wide gives you the ability to work efficiently on a variety of wheel styles and sizes.



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. Equipped with a large, easy-to-read PSI gauge, built-in pressure limiter and air dump valve.



Sophisticated, yet easy to manage, ergonomic controls put operating many of the numerous assistant devices in one hand.

The joystick incorporates our Target-Lock™ precision thumb button that automatically positions the tool head making underside operations as easy as pushing a button.

NO MORE HEAVY LIFTING

An integrated wheel lift with easy-guide rollers helps facilitate the handling of heavy wheels and virtually eliminates operator injury.



EUROPEAN TECHNOLOGY WITH ITALIAN HYDRAULICS

The RX3040 gets its muscle from an Italian-made, 3 Hp rear-mounted hydraulic power unit that puts out an impressive 3000 PSI. This high pressure hydraulic power is harnessed specifically to control the wheel mount pedestal movement, bead rollers and tool head operations. 3000 PSI translates to over 10,000 pounds of combined bead breaker force and massive power at the tool head. The external rear mount design provides easy access for service, while providing protection for the motor, manifolds and pump components. The five-station hydraulic manifold revolutionizes the RX3040 hydraulic control circuitry.

PRECISION CONTROL VALVES

High-precision foot pedal control valves withstand high-use in large volume shops. Aluminum-alloy valve bodies with durable, corrosion resistant stainless steel spools are combined with a high precision finish for maximum seal life.



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.

MOUNTING CONE PACKAGE

When you purchase a performance changer, you should receive a performance tool package. We like to call our tooling package the total performance package with an added bonus. Not only do we give you our standard car and light truck cones, we include our heavy-duty truck cone as well. Our total performance package includes three automotive and light truck cones covering hub sizes 2.00-2.75, 2.75-4.00 and 4.00-6.00 and one heavy-duty truck cone that fits hub sizes 5.50 - 6.50.

CUSTOMER CARE CENTER



Our award-winning Certified Service™ program is how we keep our customers smiling long after the initial purchase of their garage equipment product. When the unexpected happens, BendPak Certified Service™ is your first and final step towards making it right.

One phone call puts you in touch with our fully staffed Customer Care Center (CCC) to meet all your needs with highly responsive technical support, one-on-one communication with account representatives and technical experts, an Electronic Data Interchange (EDI); a highly-efficient logistics support chain, as well as automated communications and dispatch network. All of these support features are tightly integrated so we can seamlessly provide the best incident management, trouble-shooting and reporting to all our customers right over the phone.

Whether you're in the United States or almost anywhere around the globe, our on-site experts are trained and qualified to perform warranty services, equipment repairs, inspections, preventative maintenance and part replacement with unparalleled speed and efficiency, right there on your premises.



In the event that you need a replacement part, BendPak's "Spare in the Air" repair strategy provides overnight-or-sooner part replacement. Our comprehensive inventory and partnerships with industry-leading service providers ensure that you will receive the quickest possible turnaround.

The BendPak / Ranger technical support staff is located in the same facilities as our engineers, manual writers and assemblers, giving you unprecedented access to the men and women who designed the very equipment you're calling about. Our tools, equipment and necessary technical resources are 100% available to you, so any complex technical issue is resolved without delay.

We want to make sure that you are a BendPak / Ranger fan for life, so we give you the very best after-sales support in the world. The moment you purchase a product from BendPak / Ranger, you become part of a family of folks who have a passion for automobiles and service equipment, just like you.



www.rangerproducts.com

1645 Lemonwood Drive • Santa Paula, CA 93060 • USA
Tel: 1-805-933-9970 • Toll Free: 1-800-253-2363 • Fax: 1-805-933-9160

The design, material and specifications are subject to change without notice. Always follow the instructions and safety guidelines accompanying this product for safe and proper operation.
ENGINEERED BY RANGER PRODUCTS USA • MADE IN CHINA

© 2010 • Ranger Products are registered marks, in the U.S. and other countries.