



Brand: Ranger™

Model: R745

Description: RIM-GUARD™ TIRE CHANGER

The Ranger R745 is the perfect no-frills tire changer for entry level tire and wheel service. The R745 allows you to service most all OEM and specialty tires and wheels up to 21" with convenient up-front foot pedals that give you precise control during all wheel service procedures. The R745 comes standard with a wheel protection kit that includes a durable nylon bead breaker cover, wheel clamp guards, tool head guards, and tire tool protector to help prevent metal-to-metal contact and costly wheel damage.

- A **high-torque electric turntable** drive features increased speed and reversible direction for quicker tire removal and installation.
- **Enhanced bead breaker arm** features rugged box frame construction that increases the mechanical strength and assures years of dependable service and performance. A **large rubber bump-stop** assures smooth return to help reduce shock loading and minimize wear on pneumatic cylinder, guides and associated moving parts.
- Durable **forged steel (instead of cast iron) foot pedal levers** will stand up to everyday use and abuse in high-volume tire centers. Snap action spring return means precise and controlled operation.
- All main-lead **electrical terminals, auxiliary switches, and motor enclosures are sealed** for air-tight, dust-free and contamination-proof protection of terminal leads.
- **High pressure polyurethane pneumatic tubing with** mirror smooth seamless bore has exceptional flow rates, high abrasion resistance, high burst tolerance and maximum kink resistance.
- **Specially engineered drive-belt** features convex sidewalls to distribute wear evenly while providing proper belt support for improved service life. Flex-bonded cords and flex-weave covers resist the effects of oil, heat, ozone, weather and aging.
- A **maintenance-free gearbox** features a large oil and grease reservoir that helps provide efficient heat dissipation and improved lubrication for longer service life. Internal baffles and a constant seating stress flange gasket assure positive, leak-free venting.
- Durable, hardened, **alloy-steel RimGuard™ wheel clamps** features internal and external multi-teeth jaws with vertical mounting bolts that make replacement fast and simple.
- Up front controls and a sensible ergonomic design provide ease of use and more efficient operation.
- Stainless-steel and aluminum pneumatic cylinders are designed to reduce machine vibration and provide low-friction and long life operation. Internal end-of-stroke cushions are standard that help provide cushioning at the end of each full stroke to reduce wear on seals, wear band and piston rod. Permanent lubrication design provides outstanding service life.
- A hardened **alloy steel mount and demount head has a unique** equidimensional shape that allows you to perform all changing functions with the tool head in the same position. The



micro-smooth tool head surface glides tire beads effortlessly during mounting and demounting procedures to ensure costly tire damage is minimized.

- Important **wheel service accessories** come standard like a large soap bucket with brush and a multi-piece plastic **wheel protector kit** that includes turntable jaw covers, bead-breaker blade boots and specialized mount / demount head covers to help protect delicate wheels.
- A hardened-steel **tire iron and bead lever tool** comes standard to assist during all tire mounting and demounting operations.
- A rigid **45mm spring assist hexagonal vertical tool shaft** maintains perfect position of the mount-demount tool head during all tire service procedures to reduce the chance of expensive wheels getting damaged.
- A simple to use pistol type **tire inflator features** a sure-grip clip-on valve chuck enabling hands-free operation.
- Ranger tire changers feature the renowned **TurboBlast™ bead seating system** that blasts a powerful air burst between the tire and rim to help seat stubborn beads fast. A durable, non-marring nylon discharge barrel features a contoured tab that locks securely on the edge of the rim for better control during air discharge between the tire and wheel. A welded-steel, eight-gallon surge tank is larger than competitive models for all the inflation power you need, when you need it.
- Plenty of storage area for tools and accessories. Helps keep your shop tidy and operation-critical tools close at hand.
- Optional motorcycle turntable clamps add a whole extra level of versatility. Expand your capabilities, clientele and your bottom line.

FEATURES / SPECIFICATIONS	MODEL R745
Type of Drive System	Electric / Air
Motor	2 HP (110/220VAC 50-60 HZ)
Air Requirement	110-175 PSI (8-12 BAR)
Wheel Clamping Method	4 Clamps - Internal / External
Table Clamping System	Dual Pneumatic Cylinders
Bead Breaking System	Pneumatic Blade
Tool Holder	Manual Lock
Inflation Gauge With Integrated Air Dump Valve	Standard / Pistol Type
Inflation Pressure Regulator/Limiter	Standard
Water Filter	Standard
Oiler / Lubricator	Standard
Air Regulator	Standard
Breaker Bar	Standard
Large Soap / Lubricator Bucket	Standard
Brush	Standard
Tower Design	Rigid Fixed
Motocycle Turntable Clamps	Optional
Internal Rim Clamping Capacity	12" – 21" (304 mm – 533 mm)
External Rim Clamping Capacity	10" - 18" (254 mm – 457 mm)
Turntable Tire Width Capacity (Mounting)	5" – 12" (127 mm – 305 mm)
Bead Breaker Tire Width Capacity (Demounting)	3" – 11" (76 mm – 279 mm)
Maximum Tire Diameter	36" (914 mm)
Shipping Weight	444 lbs. (201 Kg)

Specifications are subject to change without notice.