MORE

POWER • PRECISION • DURABILITY

R980DP Tire Changer

208-240V SKU# 5140174

R980DP-L

110V SKU# 5140176



TIRE SHOP APPROVED TESTED

DAUL POWER-ASSIST TRAVELING ARMS

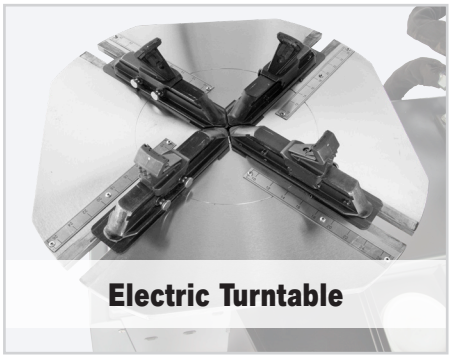
R980DP Tire Changer

Engineered for High-Volume Shops

The Ranger R980DP tire changer is built for maximum efficiency, reliability, and precision, making it the perfect solution for high-volume tire shops, mobile service operations, and professional garages. Designed to handle everything from low-profile, run-flat, and high-performance tires to oversized truck wheels and off-road assemblies, this machine delivers the speed and control needed to get the job done right.

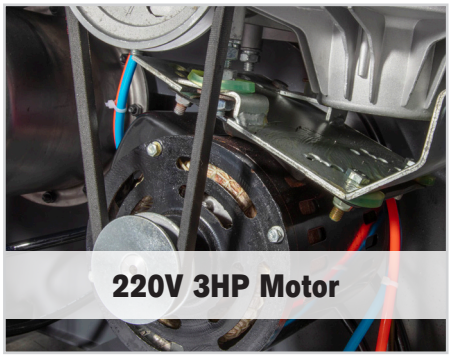
High-Torque Electric Turntable

The R980DP pairs intelligent tabletop design with powerful, precise motion to deliver faster, safer tire service. Its geometric tabletop improves bead lubrication and underside visibility, giving technicians clear sight of the lower bead for greater precision and reduced risk of damage during mounting and inflation. A high-torque electric turntable drive adds speed with smooth, reversible control, allowing beads to relax as rotation adjusts for easier removal and installation—especially on low-profile and run-flat tires—ensuring smoother workflow, better control, and consistently damage-free results.


Electric Turntable

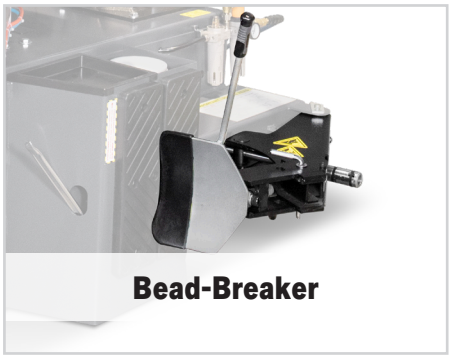
220V 3HP Performance

Equipped with a 3 HP motor, the R980DP 220V tire changer delivers increased torque and faster turntable speeds for high-load tire service. Designed to handle trucks, aggressive mud tires, and 19.5" wheels, it improves cycle times and reduces physical effort in high-demand shop applications.


220V 3HP Motor

High-Power Bead-Breaker

Engineered for maximum power and efficiency, this high-performance bead-breaker system makes tough tire work faster and easier. Bilateral pneumatic accelerators deliver rapid, two-way motion to reduce cycle times and keep workflow moving. A multi-axis, adjustable bead loosener blade adapts to multiple angles and tire profiles, while a large dual-flange axle eliminates flex for superior durability and precision. Built with rugged box-frame construction, the bead-breaker arm provides exceptional strength and long-term reliability, with a reinforced bump-stop that minimizes shock and wear on critical components. Completing the system, the exclusive auto retract device uses a spring-loaded compression plate to effortlessly release the blade—eliminating prying, reducing strain, and ensuring smooth, controlled operation on even the most stubborn, tight-fitting tires.


Bead-Breaker

Upfront Controls & Ergonomic Design

Designed for operator convenience, the upfront controls and ergonomic layout ensure seamless operation. Everything is within easy reach, allowing technicians to work efficiently while maintaining better visibility and control. No unnecessary reaching or struggling with controls—just intuitive operation. This thoughtful design reduces physical strain and maximizes productivity, helping technicians stay focused and perform tire service jobs with enhanced precision, speed, and efficiency.


Ergonomic Design

Spring-Assisted Hex Shaft & Hardened Outrigger Arm

The 45mm spring-assisted hexagonal vertical tool shaft and hardened horizontal outrigger arm work together to ensure precise, stable tool head positioning. Designed to minimize flex and misalignment, it reduces the risk of wheel damage, ensuring smooth, accurate operation. Provides effortless adjustments while maintaining the rigidity needed for high-precision tire service. This combination of features guarantees long-lasting performance and reliability, even during the most demanding tire service tasks, making it an indispensable tool in any professional tire shop.


Hex Shaft & Outrigger Arm

Powerful Dual Pneumatic Assist Arms

Dual pneumatic assist arms offer unmatched control for mounting and demounting tough tires—like run-flat, low-profile, and heavy-duty models. These air-powered arms stabilize tires, maintain proper bead positioning, and reduce operator strain. Perfect for oversized truck tires and performance wheels, they boost efficiency and safety while giving technicians the confidence to work faster and with greater precision. Built for durability, they withstand the demands of high-volume shops.


Dual Pneumatic Assist Arms

Traveling Drop-Center Tool

Changing tough sidewall tires just got easier. The Traveling Drop-Center Tool securely holds run-flat and low-profile tires in the drop center, reducing strain and improving efficiency. As the tire mounts, the tool follows the bead, ensuring smooth, damage-free installation. Designed for precision and control, it helps technicians work faster, safer, and with less effort, especially on today's most challenging tire assemblies.



Traveling Drop-Center Tool

Bead Mount Helper Rollers

An extra set of hands when you need it most. These specialty rollers, mounted at the mounting head, keep the bead securely in place during tough mounting and demounting procedures. By maintaining constant tire pressure, they prevent movement, reduce operator strain, and simplify handling stubborn, low-profile, and run-flat tires. Experience seamless operation and efficiency, giving you confidence to tackle challenging tire changes with ease. More control, less effort, because precision matters.


Bead Mount Helper Rollers

Tire-Handling Hook

More than just a drop-center assist, this versatile tool doubles as a tire-handling hook, giving you extra control when dealing with stubborn or heavy tires. Acting like another set of hands, it helps maneuver tires during tough removals, reducing strain and making the process smoother, safer, and more efficient. Its durable design stands up to heavy use, ensuring long-lasting reliability even in the most demanding environments. Whether mounting, demounting, or repositioning, this tool ensures precision and ease every step of the way.


Tire-Handling Hook

RimGuard™ Wheel Clamps

Secure Grip, Superior Protection – Concerned about servicing powder-coated wheels or high-end alloy rims? With Ranger's RimGuard™ wheel clamps, set aside your worries, not your expensive wheels. Made from hardened steel with polymer and urethane shields, these heavy-duty clamps effectively protect delicate finishes from scratches and marring. Versatile and adjustable, they accommodate wheels from 9" to 30" with multi-teeth jaws, providing a secure, damage-free grip for a variety of tire sizes.



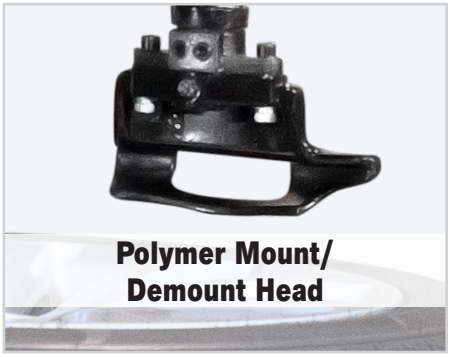
RimGuard™ Wheel Clamps

Dual mount/Demount Head Options

At the core of the R980DP's precision and wheel protection are its dual mount/demount head options, engineered to handle a wide spectrum of tire and wheel combinations with total control. The hardened alloy steel mount/demount head delivers exceptional durability and accuracy, featuring a micro-smooth surface and integrated roller that allow beads to glide effortlessly during mounting and demounting while reducing friction and sidewall stress. Plastic rim-protection inserts further guard against damage during demanding applications. For high-end and delicate wheels, the included polymer mount/demount head eliminates metal-to-metal contact altogether, preserving paint and powder-coated finishes. Together, these interchangeable heads provide technicians with the flexibility, precision, and confidence needed to work faster, minimize risk, and deliver consistently damage-free results across passenger, performance, and off-road tire service jobs.



Steel Mount/Demount Head



Polymer Mount/
Demount Head

Bead Seating System

Instant Power, Secure Seal – The TurboBlast™ bead seating system delivers a high-pressure air burst between the tire and rim, ensuring fast, efficient bead sealing on stubborn assemblies. Designed for maximum airflow and precision, it helps technicians seat beads quickly and securely, reducing downtime and improving productivity. With a durable, non-marring nylon discharge barrel for better control, TurboBlast™ simplifies seating even the toughest tires, making the job faster and easier.



Bead Seating System

Hands-Free Inflation with Foot-Pedal Control

The easy-to-use foot-pedal tire inflator simplifies air-up procedures with precise, hands-free operation. Equipped with a clip-on valve chuck, it securely attaches to the valve stem, allowing technicians to focus on other tasks while the tire inflates. Intuitive pedal control ensures smooth air delivery, offering better accuracy, improved efficiency, and reduced strain during each inflation cycle. Less hassle, more productivity—just step and inflate.

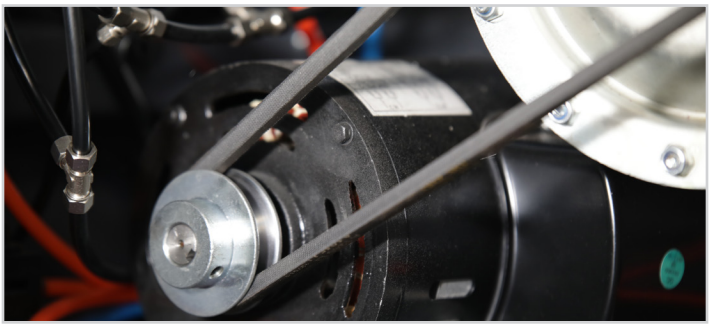


Inflation Foot-Pedal Control

RELIABILITY & LONGEVITY

Advanced Electric Motor

Engineered for durability and efficiency, the brushless AC motor delivers uncompromising power with minimal maintenance, ideal for high-volume shops. Featuring rugged copper rotor construction, high-quality ball bearings, and thermal-cool epoxy insulation to prevent overheating, it's housed in a durable steel frame for superior protection. Built for energy efficiency and high performance, ensuring long-term reliability and dependability.



Sealed Electrical Components

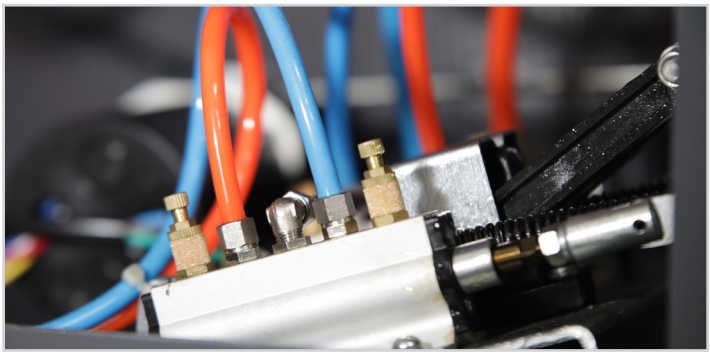
Protection Against Contaminants – All main electrical terminals, auxiliary switches, and motor enclosures are sealed airtight, effectively preventing dust, moisture, and contaminants from compromising critical connections. This robust sealing technology guarantees reliable operation in tough, demanding environments, improving overall durability and performance. It helps extend the lifespan of your machine, ensuring long-term reliability and consistently high-quality results in every use.

Precision-Engineered Pneumatic Cylinders

Crafted from stainless steel and aluminum, these premium pneumatic cylinders minimize vibration and friction for long-lasting, dependable performance. Featuring internal end-of-stroke cushions, they effectively absorb shock at the end of each stroke, reducing stress on seals, wear bands, and piston rods. This not only extends the life of your machine but also ensures smooth, reliable, and consistent operation. Built for durability, strength, and precision, they keep your equipment running efficiently and consistently.

Pneumatic Control Valves

The pneumatic control valves for assist tower tools are built for exceptional durability, precision, and long-lasting performance. Crafted from high-quality alloys with tight tolerances, they ensure smooth, responsive operation, even during high-volume use. An oversized ergonomic handle offers a comfortable, secure grip for effortless control, reducing operator strain. Designed for reliability and ease, these valves help technicians work efficiently and confidently, making tire service faster, safer, and more effective.



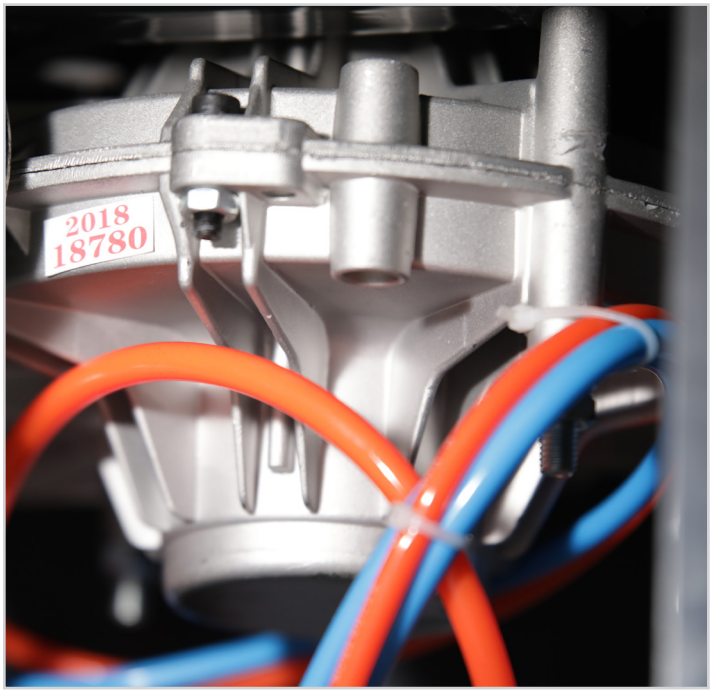
Durable Forged Steel Foot Pedal Controls

Ranger's forged steel foot pedals are designed for high-volume tire shops, offering maximum strength, durability, and reliability. Unlike standard cast iron pedals, they resist fatigue, bending, and wear, ensuring they stand up to constant use. Featuring a snap-action spring return, these pedals provide precise, responsive control, allowing technicians to work quickly and safely. Built tough for professional environments, they deliver long-lasting performance, making tire service smoother, more efficient, and dependable every day.



Maintenance-Free Gearbox

The newly designed, maintenance-free gearbox boasts a large oil and grease reservoir for efficient heat dissipation and enhanced lubrication, ensuring reliable performance. Internal baffles and a constant seating stress flange gasket ensure leak-free venting, effectively preventing messy leaks and costly downtime. Precision-milled helical gears operate quieter and smoother than traditional spur gears, significantly reducing noise, vibration, and wear. Built for durability, strength, and exceptional performance, this advanced gearbox keeps your equipment running efficiently with minimal maintenance.



Polyurethane Pneumatic Tubing

Next-generation high-pressure polyurethane tubing provides exceptional airflow, superior abrasion resistance, and unmatched burst tolerance. Its mirror-smooth, seamless bore ensures optimal flow rates and maximum kink resistance, maintaining performance. This advanced tubing keeps your equipment running at peak efficiency, reducing downtime and ensuring long-lasting reliability in demanding environments. Perfect for high-performance applications.

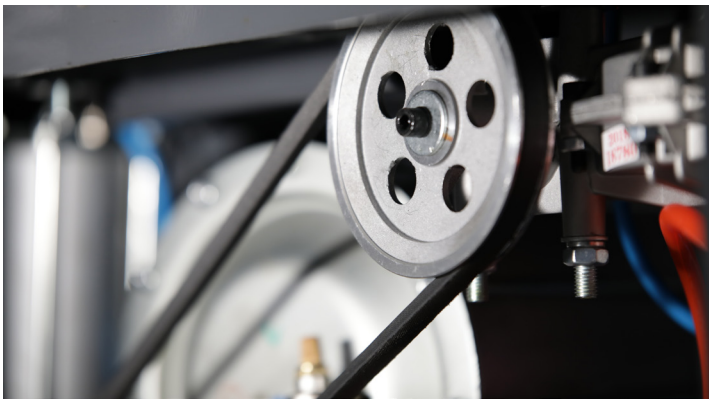
Integrated Water Filter, Oil Lubricator

& Air Regulator Optimized Airflow& Longevity
The integrated water filter, oil lubricator, and air regulator ensure smooth tire changer operation and extended equipment life. The water filter removes moisture and contaminants to prevent corrosion, while the oil lubricator delivers optimal lubrication to reduce wear. The air regulator maintains consistent pressure, optimizing pneumatic performance for precise, reliable tool operation and minimizing friction for improved longevity.



Durable Drive Belt Engineered for Longevity

The specially engineered drive belt features convex sidewalls that promote even wear distribution and provide improved support, extending its service life. With flex-bonded cords and flex-weave covers, the belt is highly resistant to oil, heat, ozone, weather, and aging. This durable design ensures the machine continues to run efficiently and reliably for years, reducing the need for frequent replacements and keeping your equipment in optimal working condition for longer periods.



ENHANCED FEATURES

1. **High-Torque Electric Turntable Drive** – Increased speed and reversible direction for faster, more controlled tire changes. Optimized for better bead lubrication and improved visibility during mounting.
2. **High Powered Bead-Breaker** - Delivers fast, controlled power to separate even the toughest beads, reducing effort while protecting wheels during heavy-duty tire service.
3. **Bead-Breaker Blade** - Engineered for precise, controlled bead separation, delivering strong leverage while minimizing rim contact and protecting wheels during tough tire service.
4. **Rugged Bead-Breaker Arm** – Box-frame construction ensures long-term durability and smooth, shock-free operation.
5. **Reversible Direction** – Foot-pedal control allows technicians to switch rotation effortlessly for better efficiency.
6. **Spring-Assisted Hex Tool Shaft & Hardened Outrigger Arm** – Provides precision and stability for accurate tool head positioning.
7. **Dual Pneumatic Assist Arms** – Delivers extra power and control for mounting and demounting tough tires.
8. **Helper Arm Control Valve** - delivers smooth actuation, allowing the press block to rise and fall with precision for faster, safer tire service.
9. **Traveling Drop-Center Tool** – Holds low-profile and run-flat tires in place for smooth, damage-free installation.
10. **Bead Mount Helper Rollers** – Prevents unwanted movement, ensuring beads stay properly positioned.
11. **Tire-Handling Hook** – Acts as an extra set of hands to maneuver heavy or stubborn tires during service.
12. **RimGuard™ Wheel Clamps** – Adjustable, non-marring clamps securely hold wheels from 9” to 30” without damage.
13. **Adjustable Wheel Clamping Settings** - Secure grip across a wide range of wheel sizes for fast, damage-free mounting.
14. **Hardened Steel Mount/Demount Head** – Micro-smooth surface prevents bead damage for precise tire changes.
15. **Mounting Head Plastic Protector Kit** – Standard kit prevents scratches on alloy, powder-coated, and high-end rims.
16. **Protective Polymer Mount/Demount Head** – Extra protection to prevent metal-to-metal contact on delicate wheels.
17. **Upfront Controls & Ergonomic Design** – Conveniently positioned controls enhance efficiency and ease of use.
18. **TurboBlast™ Bead Seating System** – High-pressure air burst ensures quick, secure bead sealing.









19. Hands-Free Foot-Pedal Tire Inflator – Clip-on valve chuck allows for effortless inflation.

20. Advanced Brushless AC Motor – Provides power, efficiency, and long-term durability for high-volume use.

21. Sealed Electrical Components – Protects internal wiring from dust, moisture, and contamination.

22. Precision-Engineered Pneumatic Control Valves – Die-cast zinc and aluminum design built for durability, featuring an ergonomic oversized handle.

23. Forged Steel Foot Pedals – Stronger and more durable than cast iron, built for heavy shop use.

24. Stainless Steel & Aluminum Pneumatic Cylinders Reduces vibration and extends equipment lifespan.

25. Maintenance-Free Gearbox – Oil and grease reservoir ensures smooth, long-lasting operation.

26. Industrial-Grade Pneumatic Control Valves Die-cast zinc and aluminum design ensures smooth airflow and durability.

27. High-Pressure Polyurethane Pneumatic Tubing Kink-resistant tubing delivers exceptional airflow and longevity.

28. Durable Drive Belt – Convex sidewalls provide even wear and extended service life.

29. Large Soap Bucket with Brush – A must-have for proper bead lubrication.

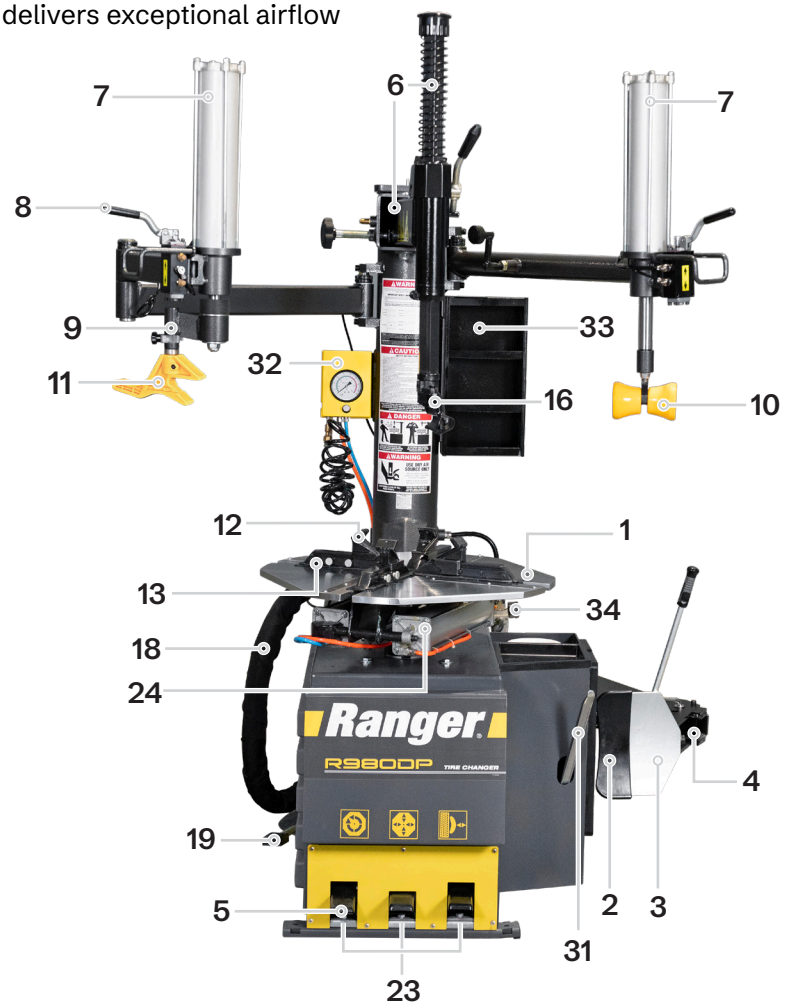
30. Plastic Wheel Protector Kit – Includes RimGuard clamp covers, bead-breaker blade boots, and tool head inserts.

31. Hardened Steel Tire Iron & Bead Lever Tool Provides extra leverage for mounting and demounting tough tires.

32. Inflation Gauge with Integrated Air Dump Valve Safely fine-tune inflation and release excess air instantly for faster, more accurate, and damage-free tire service.

33. Tools and Accessories Storage - Built-in tool and accessory storage keeps essentials within reach.

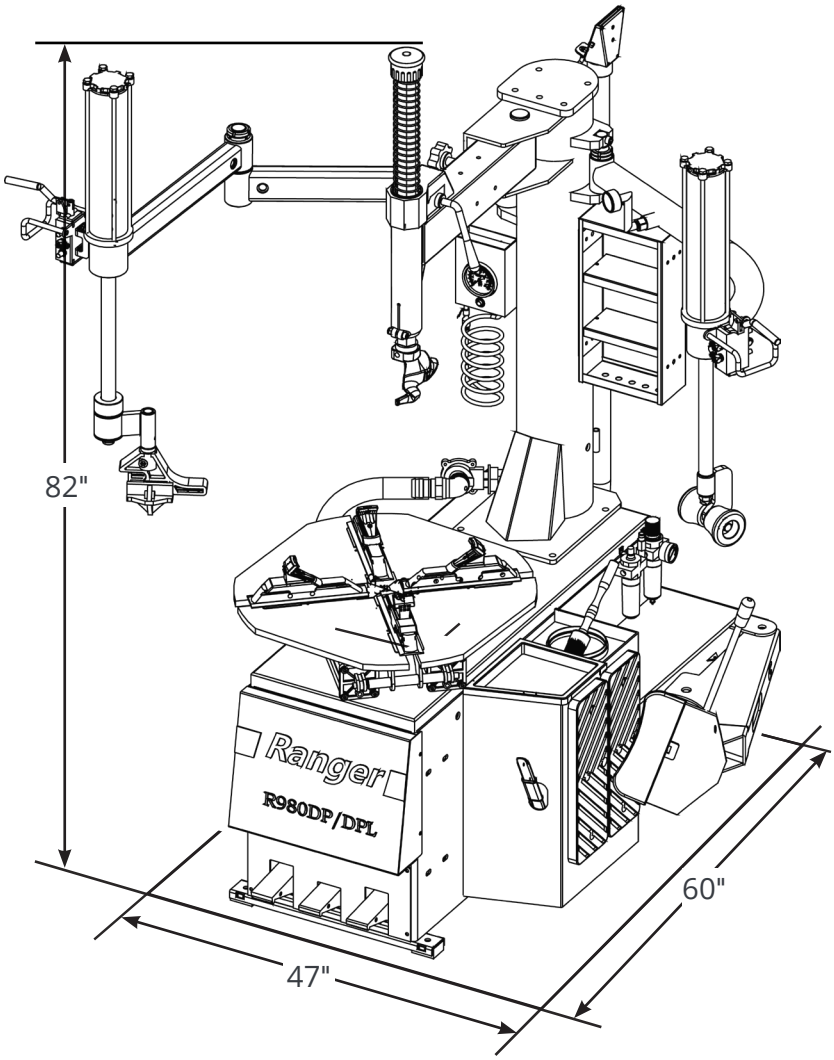
34. Air Regulator, Water Seperator and Oiler Filters, lubricates, and regulates air for pneumatic performance.

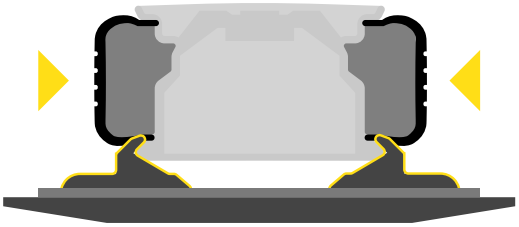


SPECIFICATIONS

Model: Dual-Power Assist Travel Arms	R980DP	R980DP-L
SKU	5140174	5140176
Voltage	208-240V, 50-60 Hz, 1 Ph*	110V, 50-60hz, 1 Ph*
Air Requirement	15 CFM, 165 PSI	
Internal Rim Clamping Capacity	9" - 30" (229 mm - 762 mm)	
External Rim Clamping Capacity	9" - 26" (229 mm - 661 mm)	
Maximum Rim Width	13" (331 mm)	
Maximum Tire Diameter	50" (1,270 mm)	
Dimensions	47" (1,200 mm) W x 60" (1,530 mm) D x 82" (2,090 mm) H	

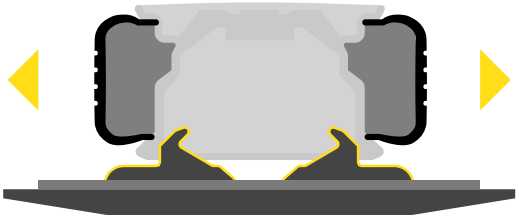
*Note: Standard electrical configurations shown. Additional voltage options available upon request.





External Rim Clamping

9 - 26" (229 - 661 mm)



Internal Rim Clamping

9 - 30" (229 - 762 mm)



Max. Tire Diameter

50" (1,270 mm)

Disclaimer: Specifications, features, and options are subject to change without notice. Illustrations may show optional equipment or accessories sold separately. Maximum wheel sizes, weights, and capacities are approximate and may vary depending on wheel type, condition, and application. Always follow manufacturer guidelines and local safety regulations when operating equipment.

STANDARD ACCESSORIES

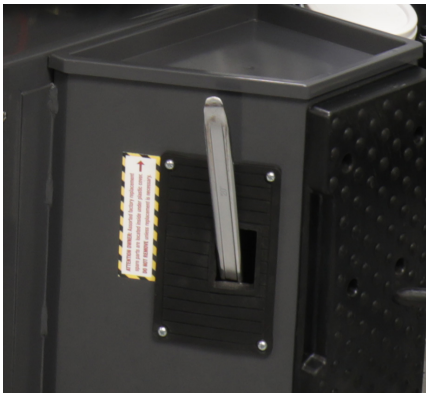
Adjustable Wheel Clamps



Lubricator Bucket & Brush



Tire Iron



OPTIONAL ACCESSORIES

Plastic Tool Head
#5150523



- Helps protect expensive alloy wheels
- Must have mount-demount head flange adapter. Not included.

Mounting Flange
#5150524



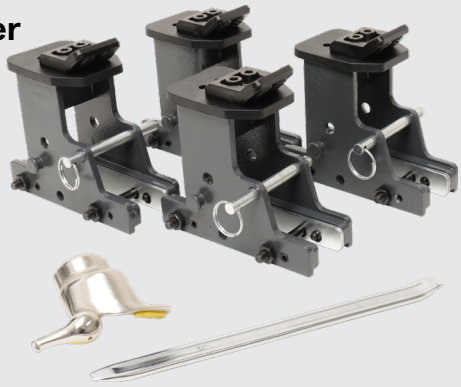
- Hardened steel
- Includes all mounting hardware
- Requires plastic tool head

Wheel Protection Kit
#5150535



- (3) roller replacement inserts
- (3) mount-demount head underside slides
- (4) turntable clamp covers
- (2) bead breaker blade covers

ATV Changer Clamps Kit
#5328425



- Perfect for motorcycle and ATV wheels
- Raises external wheel clamping elevation

Ranger®

R980DP Tire Changer

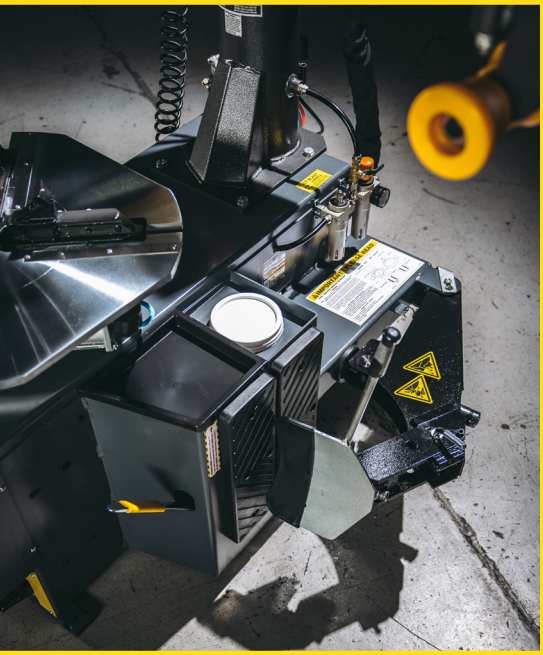


DUAL POWER-ASSIST TRAVELING ARMS
IMPROVE CONTROL, REDUCE BEAD STRESS,
AND PRESERVES WHEEL FINISHES











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TOP TIER OEM APPROVED MANUFACTURER



DON'T LET THE PLUG MAKE THE DECISION.

Discover why investing in **220V pays dividends** everyday your tire changer is in service.



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POWER. PRECISION. PERFORMANCE.

DISCOVER THE **220-VOLT ADVANTAGE**

Built for Professional Workloads

In a busy tire shop, there's no time for equipment that can't keep up. Cars are waiting. Bays are full. Technicians are moving. And the next set of wheels is already headed your way.

That's where 220V tire changers earn their keep.

More turntable speed gets jobs moving faster. Greater starting torque gets heavy wheel and tire assemblies moving with authority. More continuous torque keeps them moving when the work gets tough. And when a stubborn tire pushes back hard enough to stop the show, increased Locked Rotor Torque brings the muscle to get things moving again.

For professional shops where tire service is a major part of the business, those performance gains aren't just numbers on a spec sheet. They add up to faster cycles, fewer interruptions and more vehicles moving through the shop.

More Speed. Less Waiting.

Every second matters when there's a line of vehicles waiting outside. Ranger 220V tire changers deliver a *15.4% Gain in Turntable RPM* accelerating mounting and demounting cycles to help technicians move efficiently from one wheel to the next.

15.4% GAIN IN TURNTABLE RPM

Saving a few seconds on one tire might not sound like much. But multiply that across four tires per vehicle, dozens of vehicles and thousands of tire changes over the course of a year. Suddenly, a few seconds aren't so small.

Faster turntable rotation helps keep work flowing through the bay, reducing cycle times and helping technicians maintain momentum during the busiest parts of the day.

More tires serviced. Shorter turnaround times. More opportunities to get another vehicle through the door.

Strong Starts Build Faster Finishes

Getting a heavy wheel and tire assembly moving takes muscle.

The greatest demand on an electric motor occurs during startup, when the machine has to overcome inertia and bring the entire assembly from a dead stop into rotation.

Ranger 220V tire changers deliver *26.4% greater Starting Torque*, helping the turntable accelerate quickly and confidently.

That extra muscle becomes especially valuable when oversized wheels, run-flat tires, stiff sidewalls and heavier assemblies hit the turntable.

26.4% GREATER STARTING TORQUE

Modern performance cars, SUVs, EVs and light trucks continue to push wheel and tire designs in bigger, heavier and more demanding directions. Greater Starting Torque gives technicians the power to meet those challenges head-on.

No hesitation. No struggling to get up to speed. Just confident power from the moment the pedal goes down.

220V Tire Changers



R76ATR, 220V, GR-YEL
SKU **5140140**
Tilt Back Tire Changer / Single-Tower / 208-240V, 1-Ph., 50/60hz



R980DP, 220V, GR-YEL
SKU **5140174**
Swing-Arm Tire Changer W/Dual Assist / 208-240V, 1-Ph., 50/60hz



R980XR, 220V, GR-YEL
SKU **5140146**
Swing-Arm Tire Changer / 208-240V, 1-Ph., 50/60hz

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POWER. PRECISION. PERFORMANCE.

DISCOVER THE **220-VOLT ADVANTAGE**

Power That Doesn't Let Up

Starting strong is only half the battle. Once that wheel is moving, the tire changer needs enough muscle to keep it moving as resistance changes throughout the job. That's where Rated Torque comes in.

Rated Torque is the continuous working force available during normal operation. Ranger 220V tire changers deliver an impressive *42.5% gain in Rated Torque*, providing significantly greater pulling power throughout the tire-changing process.

When stiff sidewalls and demanding tire designs start fighting back, that extra torque helps the turntable maintain rotation instead of bogging down.

42.5% GAIN IN RATED TORQUE

For a technician, that means smoother operation and fewer interruptions.

For a high-volume shop, it means equipment that can keep working from the first appointment of the morning to the last vehicle of the day.

Continuous power for continuous productivity.

Every technician eventually meets a tire that doesn't want to cooperate. Maybe it's an ultra-low-profile performance tire. Maybe it's a stiff run-flat. Maybe it's a heavy-duty tire and wheel combination putting serious resistance against the turntable.

Whatever the reason, sometimes the turntable stops.

That's when Locked Rotor Torque matters.



Locked Rotor Torque measures how much torque a motor can produce from a complete stop while under maximum load. Ranger 220V tire changers deliver *27.6% greater Locked Rotor Torque*, providing extra muscle to overcome resistance and get the turntable moving again.

27.6% GREATER LOCKED ROTOR TORQUE

Instead of stopping the job, backing up, repositioning and making another attempt, technicians have more torque available right when the machine is working its hardest.

Fewer stalled rotations. Fewer interrupted cycles. Less time fighting the tire.

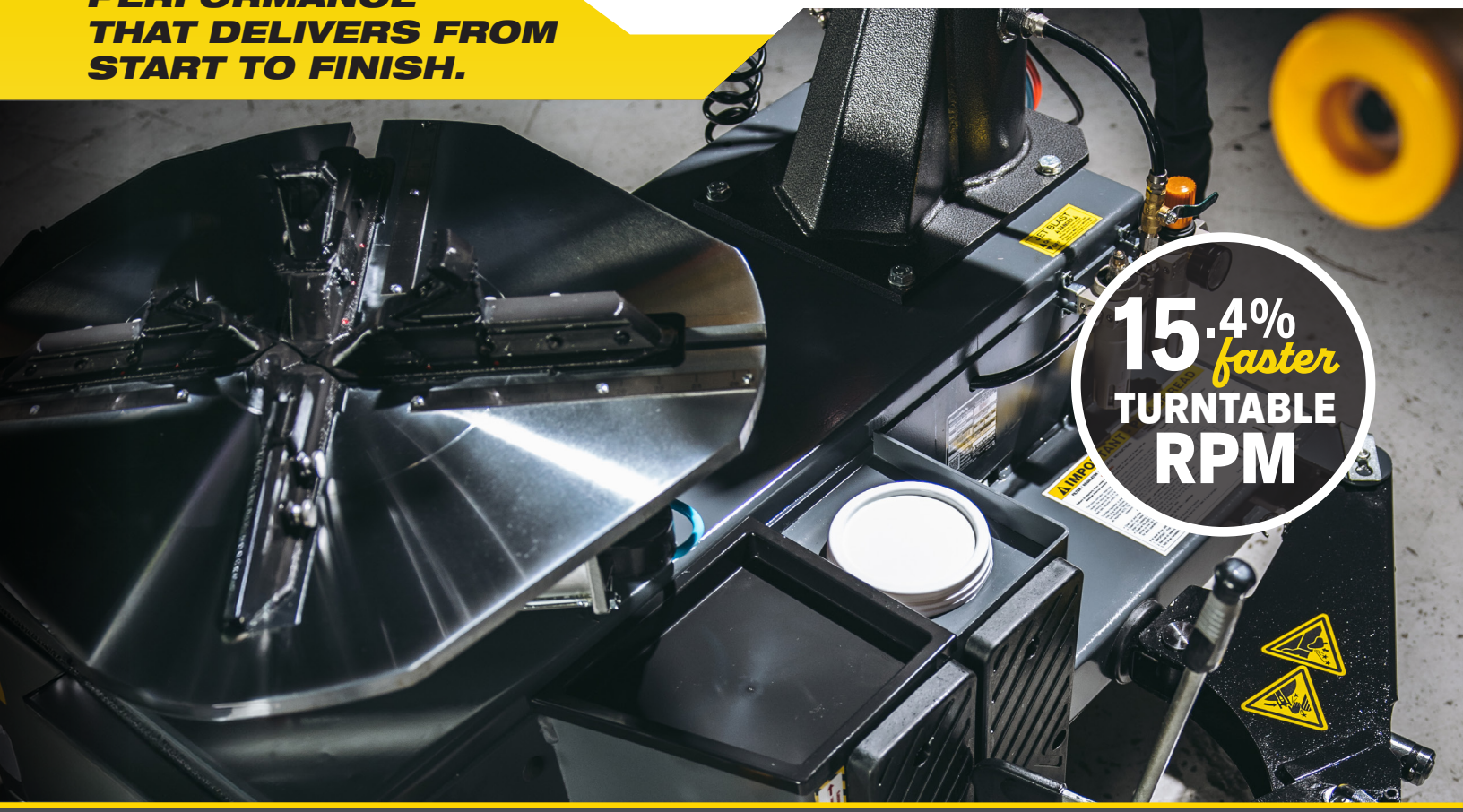
More torque when you need it most.

Put all four performance gains together and the advantage becomes clear.

- *26.4% greater Starting Torque gets the load moving.*
- *42.5% greater Rated Torque keeps it moving under demanding conditions.*
- *15.4% greater turntable RPM gets the work done faster.*
- And when extreme resistance brings everything to a halt, *27.6% greater Locked Rotor Torque* helps get the job moving again.

START. PULL. SPIN. RECOVER.

PERFORMANCE THAT DELIVERS FROM START TO FINISH.



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POWER. PRECISION. PERFORMANCE.

DISCOVER THE **220-VOLT ADVANTAGE**

Each advantage tackles a different part of the tire-changing process, but they all serve the same goal: keeping technicians productive.

In a shop that changes tires all day, every day, small efficiency gains don't stay small for long.

Ready for Today's Toughest Tires

Wheel and tire technology isn't standing still. Low-profile tires continue to push sidewalls shorter and stiffer. Run-flat construction adds reinforcement. SUVs and light trucks bring larger wheel and tire packages into the shop. EVs can introduce tire designs engineered around heavier vehicle weights and unique performance demands. All of it puts more pressure on tire service equipment.

A 220V tire changer gives technicians additional torque and more consistent power under load to tackle demanding wheel and tire combinations with confidence. And that matters beyond today's workload.

A shop might handle a certain number of tire jobs now, but new customers, expanded tire sales, additional service bays or fleet accounts can quickly increase volume.

Choosing equipment with the performance to handle more demanding applications gives your operation room to grow without sacrificing productivity when the workload gets heavier.

Serious Power for Serious Shop Work

There's another advantage to 220V that goes beyond what happens on the turntable.

A 220V motor can deliver its power while drawing less current than a comparable lower-voltage configuration. When installed on a properly sized dedicated circuit, that lower amperage can mean less electrical load and reduced heat buildup in the system.

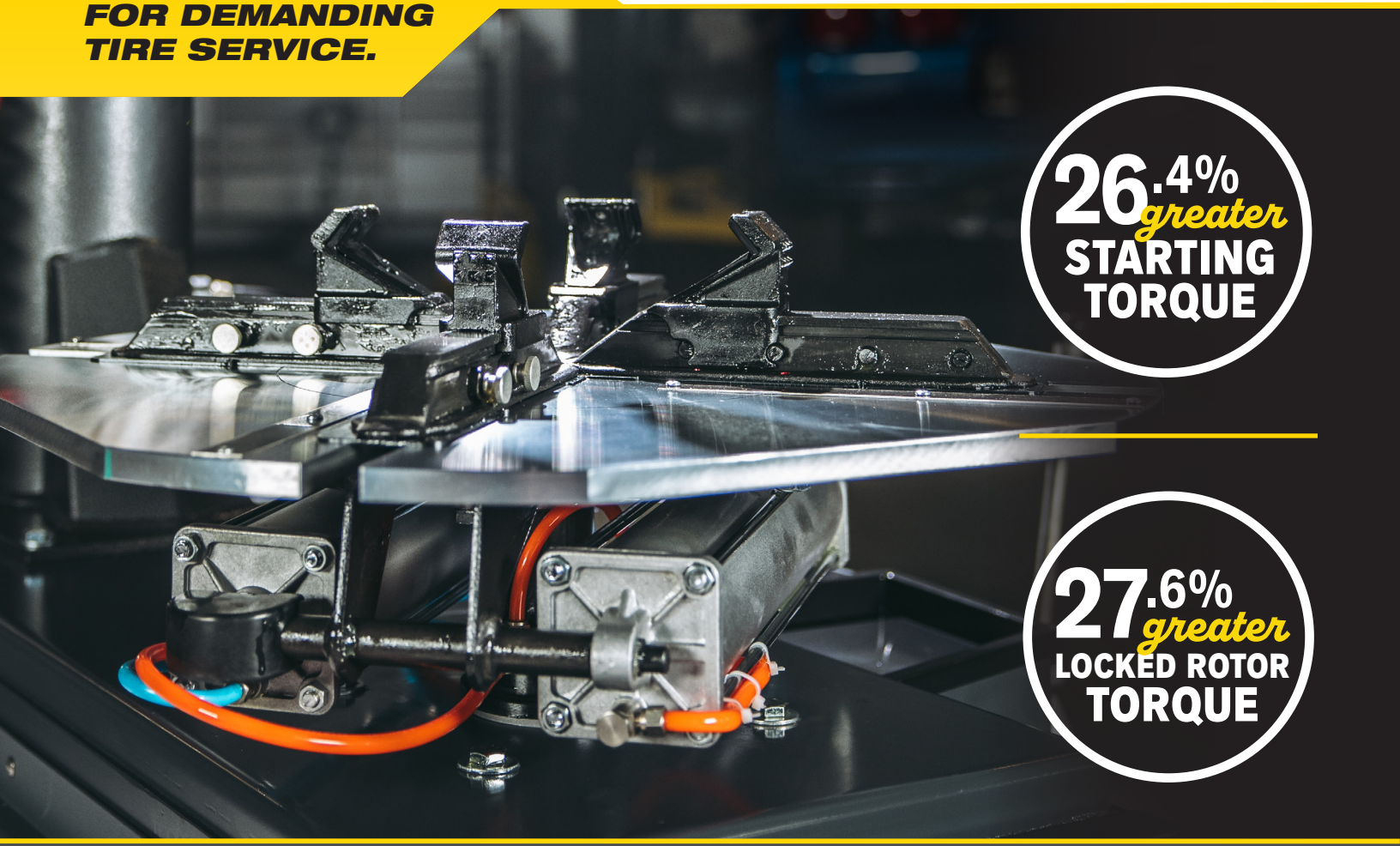
For equipment expected to work hard throughout the day, efficient power delivery matters.

Properly configured 220V service also helps provide the electrical foundation needed for demanding commercial equipment without unnecessary interruptions from overloaded circuits.

LESS CURRENT.
LESS HEAT.
LESS WEAR.
MORE PERFORMANCE.

The result is a setup made for the realities of professional tire service: long days, demanding workloads and very little patience for downtime.

MORE POWER FOR DEMANDING TIRE SERVICE.



26.4% *greater* STARTING TORQUE

27.6% *greater* LOCKED ROTOR TORQUE

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Ranger® by BendPak

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POWER. PRECISION. PERFORMANCE.

DISCOVER THE **220-VOLT ADVANTAGE**

More Than Motor Muscle

Power matters, but a professional tire changer needs more than a strong motor.

Select Ranger tire changers combine 220V performance with features engineered to make difficult tire service faster, easier and more controlled.

The TurboBlast™ bead seating system delivers a powerful blast of air to help seat stubborn tire beads quickly and efficiently.

Select models also feature RimGuard™ wheel clamps, engineered to provide a secure grip while helping protect valuable wheel finishes during service.

Add available assist towers, bead press systems and specialized tooling, and you have machines equipped to tackle the increasingly complex wheel and tire combinations rolling into modern shops. Because horsepower means nothing if the rest of the machine can't put it to work.

Built to Keep Business Moving

For a high-volume tire shop, dealership or professional service center, productivity isn't measured by a single tire change.

It's measured across an entire day.

It's the time saved on routine jobs. The hesitation eliminated when a heavy assembly starts turning. The momentum maintained through a stiff sidewall. The difficult tire that doesn't derail the workflow.

That's where 220V performance pays off. More speed. More starting power. More continuous torque. More muscle when the job fights back.

Ranger 220V tire changers are made for shops where the workload doesn't let up and neither can the equipment.

Commercial power. Professional performance. Productivity that keeps the shop moving.

A STRONGER FOUNDATION FOR TIRE SERVICE.

220V ADVANTAGE

110V TIRE CHANGER		220V TIRE CHANGER
15.38" GAIN IN TURNTABLE RPM Lower RPM means less waiting during mounting and demounting.	VS.	**27.62"** GAIN IN LOCKED ROTOR TORQUE More torque to power through the toughest tires and conditions.
Lower power output under load Power drops when the machine is working hard, causing slower performance and more strain.		**Stronger, consistent power under load** 220V delivers steady power even under heavy loads for consistent, reliable performance.
Longer cycle times Less available power leads to slower cycles and more downtime between jobs.		**Faster cycles, more productivity** More available power allows for quicker cycles and increased throughput every day.
Standard outlet Convenient, but limited power restricts performance and capability.		**Dedicated 220V power for maximum performance** A dedicated 220V circuit delivers the power your machine needs to perform at its best.
Higher amperage draw 110V machines draw more amps to produce the same power, increasing the risk of tripping breakers.		**Lower amperage draw** 220V machines draw less amps for the same power, reducing the risk of tripping breakers and improving efficiency.
More heat buildup Higher current creates more heat in the motor and components, which can shorten equipment life.		**Improved motor efficiency & cooler operation** Lower current means less heat, improving efficiency, extending motor life, and enhancing reliability.



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