

COATS

APX90 Tire Changer



- 1 Large Clamping Capacity**
Externally clamps wheels up to 30" or as small as 9" to maximize service flexibility.
- 2 Hi Torque Electric Turntable**
High start-up torque gives you the power you need for tough applications.
- 3 Three Position Bead Loosener**
Provides complete control, reducing wait time and minimizing risk of wheel damage.
- 4 Integrated Wheel Lift**
Lifts heavy assemblies, reducing both wheel damage risk and muscle strain for technicians.
- 5 Duckhead® Roller**
Prevents top bead from flipping over Duckhead on large stiff sidewall tires.
- 6 RoboArm®**
Applies pressure to create bead lock and hold top bead in drop center when mounting.
- 7 RoboRoller®**
Extra leverage for large diameter runflat and low-profile tires.
- 8 Horizontal Power Rollers**
Allow easy bead and rim lubrication, loosen top beads, and assist in mounting run flat and low-profile tires.
- 9 Ergonomically Positioned Foot Pedals & Helper Controls**
Operator controls located at point of helper use—minimizes training and opportunities for error.



Model APX90

The Tire Changer Platform For The Future

Wheels are getting larger, heavier and more expensive. New tire systems are becoming tougher to change. Today, tire service is more challenging than it's ever been—and choosing the right equipment to serve your customers is even more critical.

The APX90 was designed to change the toughest runflats and extra-large custom wheels with ease—including Michelin® PAX® (with optional kit). Without strenuous effort and without damage to expensive custom wheels. Not only are these tough jobs made easy, but the APX90 makes quick and efficient work of conventional tires and wheels. The Coats APX90 provides a path to increased shop efficiency and profitability, enabling you to service virtually any job that comes in your shop.

The APX90 can handle nearly any application, with the ability to service wheels from 9" to 30" externally and without the need for additional adapters. At the same time it provides an ergonomic user experience with intuitive and easy to operate features, so that you can focus on changing tires without complicated training issues. Capacity, Productivity, and Protection—the APX90 delivers on all counts.

The Most Efficient and Easy Way To Change Tough Tires.



Table Top

Service Wheels Up To 30" Without Special Adapters

Coats' exclusive X-shaped tabletop provides constant clamping pressure to provide optimal support and control. Have special applications such as negative offset or reverse mount rims? The APX90 handles these and others flawlessly, without the need to purchase additional costly adapters and accessories. And our industry leading Rim Clamp® design virtually eliminates the need for advanced technician training often found with other tire changer styles.

Wheel Lift Reduces Effort and Lessens Damage Risk

Our integrated wheel lift makes positioning the wheel on the turntable almost effortless for the technician, so there's less stress and strain, or opportunities for damage.



Wheel Lift



Bead Loosener

NEW!

Increase Efficiency and Avoid Wheel Damage with Coats Exclusive Bead Loosening System

The exclusive Coats design enables complete power in, power out, and stop control over the bead loosening shoe, eliminating cylinder travel time with the shoe moving only as much as required. The benefits to you are increased productivity and reduced risk of wheel damage.

No Tire Tool For Lower Bead Removal

Powered Horizontal Rollers are used to demount the bottom bead with **no tire tool required**. The patented RoboArm® can be used for additional assistance when demounting the bottom bead. These helpers reduce operator effort and make servicing heavy and stiff wheels easy.



More Power Helper Devices Than Any Other Tire Changer.

Service tough jobs quickly with ease, without sacrificing speed and efficiency on conventional wheels.



Duckhead® Roller



Horizontal Power Rollers



Coats RoboArm®



The APX90 makes easy work of virtually any tire changing job—without complicated or expensive adapters. Its helper tools and protective devices minimize the chances of tire or wheel damage. It's the ideal platform for the future of your shop.

A Complete Job—Faster and Easier

When it comes to difficult tires and wheels, see how the APX90 can give your shop a competitive advantage.

- 1 The Patented Coats RoboArm®** applies direct pressure to create a bead lock and provide extra leverage on runflat and low-profile tires.
- 2 The Duckhead® Roller** keeps the bead in location under the Duckhead® when mounting a difficult low-profile tire—can be removed when it is not needed.
- 3 Powered Horizontal Rollers** allow easy bead and rim lubrication, loosen top beads, plus assist in mounting runflat and low-profile tires. Also used to demount the lower bead, with **no tire tool needed!**
- 4 The RoboRoller®** uses two tapered wheels to provide additional power when mounting very large diameter runflat and low-profile tires.



Four Power Helper Devices. Total Control.

Specifications

Drive System

APX90E - Electric
APX90A - Air

Wheels Handled

Steel, alloy, high-performance, and
PAX® (with optional accessory kit).

Rim Diameter

9" - 30" Outside Clamps
11" - 32" Inside Clamps

Maximum Tire Width

16"

Tire Diameter

44"

Mount/Demount Mechanism

Tilt back with automatic safety lock.

Tool Head Offset Adjustment

Pneumatic lift, set back, and lock.
18" Clearance Duckhead to Clamps.

Shape of Tabletop

"X" shaped for rigid perimeter support
of the wheel.

Wheel Clamping Method

Four self-cleaning and self-centering
clamps in table top actuated by two
pneumatic cylinders.

Bead Loosening System

Hand actuated 8" dual action cylinder
for wheels up to 16" wide.

Helper Devices

RoboArm®, RoboRoller®, Horizontal Power
Rollers, Duckhead® Roller, Wheel Lift.

Bead Seating Reservoir

5.7 gal. separate tank, pressure protected.

Pressure Limiter

Standard.

Filter Lubricator

Standard with automatic drain and large
capacity lubricator bowl.

Inflation Gauge

Easily calibrated 0 to 60 PSI gauge with
protection to 200 PSI. Damage resistant
Lexan faceplate.

Electric Drive System

2HP high-torque, 110v, single phase,
25 amp.

Required Air Source

110 to 175 PSI 2HP compressor
5 SCFM @ 150 PSI (for Electric Model);
15 SCFM @150PSI (for Air Drive Model).

Operating Footprint

90" x 102"

Shipping Weight

1,510 lbs.

The Coats APX90. The Smart Approach To Changing Tires.

Protecting Expensive Wheels.

When your customers entrust you
with their expensive wheels, you
need a tire changer that you can
count on to do the job safely
and without worry. With features
such as the Coats exclusive bead
loosening system, the APX90 was
designed from the ground up to
give peace of mind for even the
most challenging jobs.



Increasing Shop Productivity.

As tires and wheels get larger and heavier, they also get harder to change. With features such as an integrated wheel lift and more power helpers than any other tire changer, the Coats APX90 helps your staff work faster and more efficiently. And because the APX90 has evolved from the most popular family of tire changers in the United States, it is intuitive and easy to operate. Technicians can focus on the customer rather than complex training.

Maximizing Your Investment.

We know tires and wheels will continue to change. Coats engineered the APX90 so that it can adapt and be enhanced for the future. That means your equipment investment lasts.

ACCESSORIES

Michelin® PAX® System Accessory Kit

Because the APX90 was designed from its inception to be adaptable for servicing the Michelin® PAX® System, there is no complex retrofitting of machine needed. Coats offers an optional PAX® accessory kit to provide you with everything needed to easily service these tough assemblies. Simply order Coats part number 85000443 in addition to your APX90 for all the accessories needed to service PAX®.

And unlike many other PAX® tire changers on the market, the Coats APX90 is capable of PAX® support ring extraction and insertion—without the need to purchase an additional, expensive separate workstation that takes up valuable shop space. (Electric drive APX90E recommended for servicing Michelin® PAX® assemblies. Both APX90 and PAX® accessory kit are required for servicing PAX® systems.)

HENNESSY INDUSTRIES, INC.

Manufacturer of Ammco®, Coats® and
BADA® Automobile Service Equipment,
Tools and Accessories.

1601 J.P. Hennessy Drive
LaVergne, TN 37086-3565
800-688-6496 or 615-641-7533

Hennessy Canada

2430 Lucknow Drive, Unit #9
Mississauga, Ontario L5S 1V3
905-672-9440 Printed in USA.

www.ammcoats.com

Part No. 85000407 Rev.2 12/06