

Coats



VERSATILITY

SPEED

SPECIALTY

- 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 Duckhead® Roller**
Prevents top bead from flipping over Duckhead® on large stiff sidewall tires.
- 5 RoboArm®**
Applies pressure to create bead lock and hold top bead in drop center when mounting.
- 6 Horizontal Power Rollers**
Allow easy bead and rim lubrication, loosen top beads, and assist in mounting run flat and low-profile tires.
- 7 Ergonomically Positioned Foot Pedals & Helper Controls**
Operator controls located at point of helper use—minimizes training and opportunities for error.
- 8 Upgradeable**
Add more power helpers like the RoboRoller™ and Wheel Lift for even more capability.

APX80

Tire Changer



Model APX80

Big Wheels or Small, the APX80 Handles Them All

If you want a workhorse tire changer but still need to handle the larger tires that come in the door, this is the ideal step-up machine. Plus, if your big tire business continues to grow, you can easily upgrade with power helper options to expand your capabilities even further.

The Coats APX80 is a premium unit designed to give you steady day-to-day performance with the flexibility to go back and forth between standard and bigger tires with ease. Built-in power helpers allow 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 both with confidence.

Give yourself the power of flexibility with the APX80. With its large clamping capacity—up to 30" externally—and operator-friendly controls to minimize training, you'll be on the road to increased efficiency and profitability right out of the box.



MODEL APX80 TIRE CHANGER

**Powerful. Versatile. Capable of Changing
Almost Anything That Rolls In.**



Coats' Exclusive X-Shaped Table Top

Service Wheels Up To 30"

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 APX80 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.

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.



Bead Loosener



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.

Power Helper Devices for Increased Efficiency & Capability.

Service larger tires quickly and easily without sacrificing speed and efficiency on conventional wheels.



Coats RoboArm®



Duckhead® Roller



Horizontal Power Rollers



- 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. It can also be removed when it is not needed.
- 3 Powered Horizontal Rollers** allow easy bead and rim lubrication, loosen top beads, plus assist in mounting run flat and low-profile tires. Also used to demount the lower bead, with ***no tire tool needed!***

The APX80 was designed to handle everything from the simplest, standard steel wheel to today's large, delicate custom alloy wheels. Multiple power helpers allow you to change even difficult run flat and low-profile tires with minimal effort and maximum efficiency.

A Tire Changer for Today— and Tomorrow

The Coats APX80 was engineered to increase tire service efficiency and profitability. And as your business needs grow, the APX80 can be upgraded to grow along with you.



Three Power Helper Devices. Total Control.



MODEL APX80 TIRE CHANGER

Specifications

Drive System

APX80E - Electric
APX80A - 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 tabletop actuated by two
pneumatic cylinders.

Bead Loosening System

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

Helper Devices

RoboArm®, Horizontal Power Rollers,
and Duckhead® Roller.

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 @ 150 PSI (for Air Drive Model).

Operating Footprint

90" x 85"

Shipping Weight

1,380 lbs.

The Coats APX80. Upgrade to a Machine that Can Alternate Between the Really Big Wheels—and the Smaller Ones with Ease.

If you feel uncomfortable servicing
the larger, more expensive wheels
with your present equipment, step up
to the APX80. It's the perfect machine
to service big, small, and everything in
between. The APX80 will also give you
workhorse performance all day long.



Protect Expensive Wheels.

The APX80 was designed from the
ground up to give peace of mind for
even the most challenging jobs. The
3-position bead loosener and patented Duckhead® Roller prevents
metal-to-metal contact that causes scratching or marring.

Increase Shop Productivity.

With multiple power helpers, the Coats APX80 helps you work more
efficiently. And because the APX80 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.

Maximize Your Investment.

We know tires and wheels will continue to change. Coats engineered
the APX80 so that it can adapt and be enhanced for the future. You can
add even more capability with these special accessories.

ACCESSORIES

Wheel Lift (Part #85000498)

Makes positioning the wheel on the turntable
almost effortless for the technician, so there's
less stress and strain, and fewer opportunities
for damage.



RoboRoller® (Part #85000497)

Uses two tapered wheels to provide additional
power when mounting very large diameter
run flat and low-profile tires.



Michelin® PAX® System Accessory Kit (Part #85000443)

Provides you with everything needed to easily service
these tough assemblies, including support ring extraction.
Also order Part #PAXAPXTRAINING for installation and training.

HENNESSY INDUSTRIES, INC.

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

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