

# ***TCX550***

## ***Automatic Swing-Arm Tire Changer***



***HUNTER***  
***Engineering Company***

# TCX550 Tire Changer

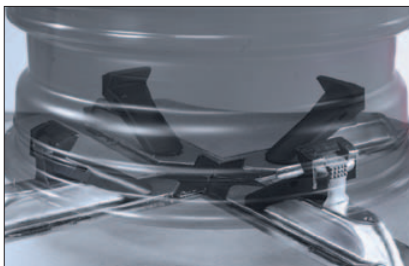
## Advanced Features Enhance Service of Performance Tires and Wheels



### Enhanced Clamping Table Handles Oversize Wheels

- Tabletop clamping system easily handles 12 to 28-inch wheels safely with standard outside clamping accessories.
- Four self-centering clamps are actuated by twin heavy-duty corrosion-proof cylinders driving heavy-duty linkage.
- Chuck slides and turntable are nickel-plated to provide long life and corrosion resistance.

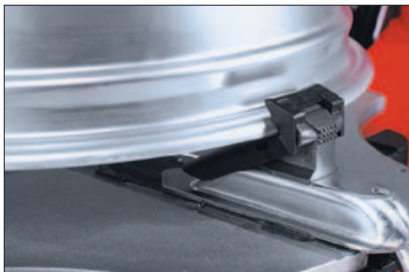
### Tabletop with optional bead blaster jaws system installed



### Internal clamping for steel wheels

### Clamping Jaws for Steel or Alloy Wheels

- Hardened steel teeth firmly hold steel wheels internally.



### External clamping for alloy wheels

- Nylon inserts protect alloy wheels when clamping externally.



- Add-on external clamping jaws increase capacity up to 28-inch wheel diameters.



### Adjustable Clamping Table

Two work positions help service narrow and super-wide wheels and adjust to short or tall operators.







### Automatic Swing-Arm Column

- Patented design saves time by eliminating repositioning.
- With the push of a single button, the swing arm locks the preset wheel diameter and width. Automatic swing-arm design does not require the extra space used by tilt-column tire changers.

### Interchangeable Quick-Connect Mount/Demount Heads

Quick change steel and polymer mount/demount heads are designed with patented bayonet cam lock.



### Side-Mounted Bead Loosener

- Three-way adjustable shovel angle and enlarged wheel pad enable service on a wide range of custom wheels.
- Shovel protector sleeves are supplied standard for alloy wheel protection.



### Wide, Stable Base Structure

- Solid base ensures extra stability for servicing heavy, large diameter wheels.
- Tabletop remains clear of the side-mounted bead loosener.
- Side shovel operation pedal is located away from other pedals to ease and speed use.
- Foot controls are positioned for easy access.
- Robust, rigid frame increases service life.
- Base panels are removable for service ease.



### Two-Stage Inflation System (TCX550GP & TCX550BPS only)

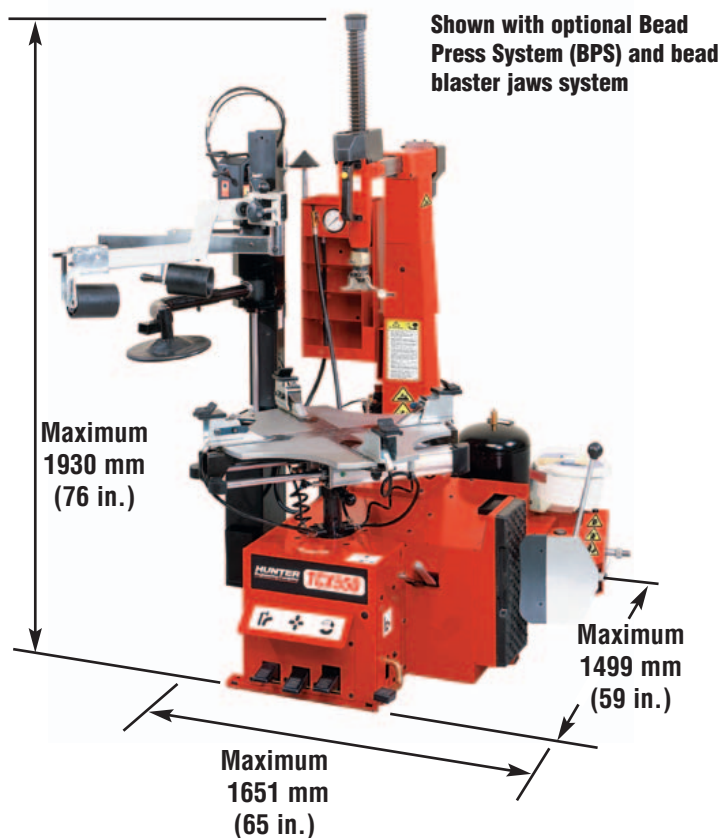
Supplies a large volume of air directed through the clamping jaws to seal the tire bead, while the tire at the valve stem is inflated through a clip-on air hose. A 4 bar (60 psi) safety limiter prevents over-inflation. Storage tray has ample space for adaptor and accessories.

## Optional Bead Press System (BPS)

The Bead Press System speeds and eases clamping, lubricating, demounting and mounting the toughest wheel and tire combinations. Patented design uniquely locates the pressing forces over the center of the wheel and tire to ensure maximum service strength and rigidity.



- Provides effortless assistance in mounting and demounting stiff sidewall tires and wheels up to 28 inches in diameter.
- Assists in blocking and pressing stiff, low-profile tire beads into deep drop-center wheels.



## TCX550 Specifications†

### Available Models

Automatic swing arm tire changer with 2-speed electric motor

Part No.	Power Requirements
TCX550-2-1-U	230V-1ph-50/60hz

Automatic swing arm tire changer with bead blaster jaws system and 2-speed electric motor

Part No.	Power Requirements
TCX550GP-2-1-U	230V-1ph-50/60hz

Automatic swing arm tire changer with BPS bead pressing device, bead blaster jaws and 2-speed electric motor

Part No.	Power Requirements
TCX550BPS-2-1-U	230V-1ph-50/60hz

### Specifications

- Voltage 230V, 1ph, 50/60hz
- Air Pressure Operating Range 7.5-10 bar (110-145 psi)
- Wheel Clamping (nominal)
  - External Clamping (min-max) 12 in. - 24 in.
  - 26 in. - 28 in. with Extension Jaws
  - Internal Clamping (min-max) 14 in. - 28 in.
- Table Rotation Speed 7 rpm and 17 rpm (CW) 7 rpm (CCW)
- Maximum Tire Diameter 1,100 mm (43.3 in.) with BPS installed
- Maximum Tire Width
  - Table Raised Position ~ 325 mm (12.8 in.) @ 676 mm (26.6 in.) Height
  - Table Lowered Position ~ 363 mm (14.3 in.) @ 584 mm (23 in.) Height
- Maximum Bead Loosener Width 432 mm (17 in.)
- Noise Level Less Than 74 dB
- Machine Weight 431 kg (950 lbs.)

### Standard Accessories:

- Quick Change Mount Head System
  - Steel Mount/Demount Head with Roller and Set of Polymer Inserts
  - Polymer Mount/Demount Head
- Set of 4 in. Clamping Jaw Extensions
- Bead Lever
- Bead Lever Protectors
- Shovel Protectors
- Clamping Jaw Protectors
- Brush
- 5 kg Tire Paste

† Some dimensions, capacities and specifications may vary depending on tire and wheel configurations. Because of continuing technological advancements, specifications, models and options are subject to change without notice.

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