

# TCX575

Leverless Tire Changer with Bead Press System

**NEW**  
Leverless  
Tool Head!



**HUNTER**  
Engineering Company

# Key features at a glance

## Bead Press System

- ✓ Tremendous power and control
- ✓ Aids mounting and demounting
- Ⓜ Auto-centering simplifies operation

## Swing Arm Column

- Ⓜ Saves space over tilt-column designs
- ✓ Locks rim diameter and width measurements for same-sized wheels

## Leverless Tool Head

- ✓ Lifts bead without use of levers
- ✓ Thin design

## Locking Lower Arm

- ✓ Aids demounting heavy and difficult tires
- ✓ Match-mount capable

## Tabletop

- ✓ 12-30 in. clamping range
- ✓ Measurement marks ease clamping
- Ⓜ Twin-cylinder actuators with 40% more clamping force than single cylinder designs

## Motor and Drive

- Ⓜ Powerful 220V high-torque motor
- ✓ Two-speed forward drive

## Side-Mounted Bead Loosener

- ✓ Familiar side shovel design with standard protector sleeve





# Superior performing expert package

## Fast and Easy Leverless Tool Head

Easy to operate controls:

- ✓ Simple switch activates leverless system
- ✓ Familiar mount head design
- ✓ Familiar mounting techniques

Leverless operation eliminates:

- ✓ Technicians straining to pull over tough beads
- ✓ Damage of beads with thick levers
- ✓ Rim damage from lever during demounting



## Locking Lower Arm



### **Demounting with locking arm**

Demount heavy tires and stiff bottom beads with roller. Saves having to lift heavy tires!



### **Match-mounting made easy with the TCX575**

Lower locking arm allows operator to spin the tire on the wheel regardless of aspect ratio or tire stiffness.

# ***Dynamic bead press system***

The Bead Press System speeds and eases clamping, lubricating, demounting and mounting the toughest wheel and tire combinations. The patented design centers the wheel and tire to ensure maximum service strength and rigidity.



## **Clamping Assistance When Needed**



Pneumatic wheel press cones and extension arm simplify external alloy wheel clamping when servicing low-profile tires.

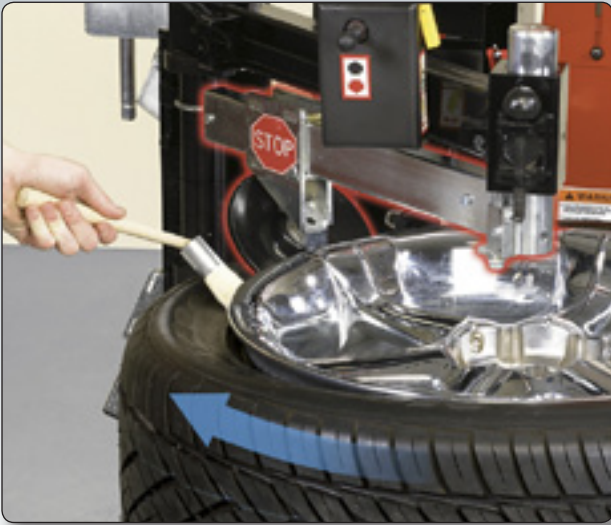
## **Mounting: Difficult Processes Made Easy**



Rising cam rollers expertly guide the bead through mounting.



## Demounting: Integrated Tools Ease Labor



Tapered rollers assist in bead lubrication and bead lever placement to ease demounting.



The bottom roller disc assists in re loosening tire beads and lifting the tire up the wheel barrel during demounting.



A single bead press roller with rotating arm can quickly be used for mounting and demounting stiff sidewall tires.

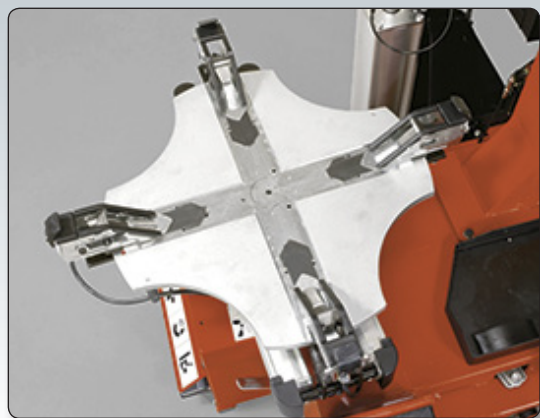


When combined with the rotating arm, the fixed bead press arm adds additional bead pressing force to service the most extreme low-profile tires and deep drop-center alloy wheels.

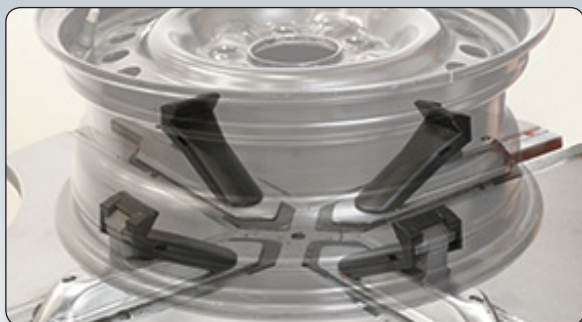
# Superior clamping

## Handles Oversized Wheels

- ✓ The tabletop clamping system easily handles 12- 30 inch wheels safely with standard outside clamping accessories
- ✓ The radiused table design allows easy bottom bead access, while ensuring rigidity for large diameter wheels
- ✓ Four self-centering clamps are actuated by two heavy-duty pneumatic cylinders – 40% more clamping force than single cylinder designs



## High-Quality Clamping Jaws



### **Internal clamping for steel wheels**

Hardened steel teeth firmly hold steel wheels internally.



### **External clamping for alloy wheels**

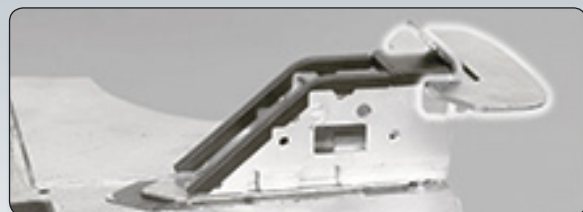
Measurement marks aid external clamping. Nylon inserts protect alloy wheels when clamping externally.

## Adjustable Height Clamping



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

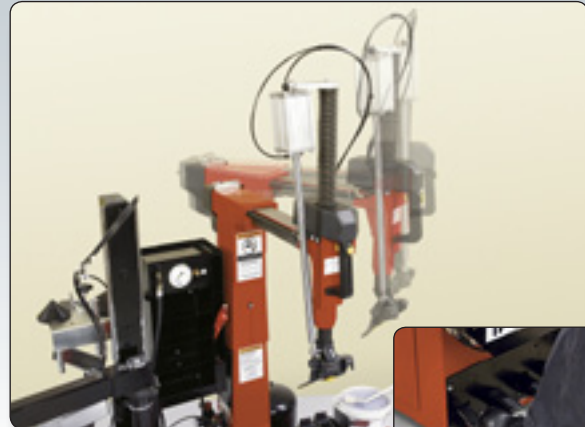
## Standard Clamping Accessories



- ✓ Four jaw extensions increase clamping capacity to 30 inches
- ✚ Removeable tire supports stop larger tires from dropping below the rims

## ***Automatic swing arm***

- ✓ With the push of a single button, the swing arm locks the wheel diameter and width
- ✓ The automatic swing-arm design does not require the extra space used by tilt-column tire changers
- ✓ **H** 30% smaller footprint than tilt-column designs
- ✓ Foot pedal operation keeps hands free



## ***Powerful motor and drive***

- ✓ Two-speed forward (7 and 17 rpm) for speed or finesse
- ✓ Single-speed reverse (7 rpm)
- ✓ **H** 220V high-torque motor delivers ample power for difficult conditions



## ***Adjustable side shovel***

- ✓ Three-way adjustable shovel angle
- ✓ Large wheel pad enables service on a wide range of custom wheels
- ✓ Shovel protector sleeves are supplied standard for alloy wheel protection





# Popular equipment upgrades

## Aluminum Clamp



Drop-center clamp (RP11-8-11400070) can be used as a traction point or bead guide. Guides bead into drop-center.

## Wheel Lift



Optional wheel lift (20-2044-1) eases servicing of large assemblies. Allows for more careful handling of expensive wheels.

## Specifications†

Electrical:	220V, 1 ph, NEMA plug type L6-20P
Air pressure operating range:	110-145 psi
Air volume of inflation tank:	4.75 gallons
Wheel clamping (nominal)	
External clamping (min-max):	12 - 24 in.
Max with extension jaws (included):	30 in.
Internal clamping (min-max):	14 - 28 in.
Table rotation speed	
Electric Motor:	CW - 7 rpm and 17 rpm CCW - 7 rpm
Tire diameter:	43.3 in. w/BPS
Tire width maximum	
Table raised position:	~ 12.8 in @ 26.6 in. height
Table lowered position:	~ 14.3 in @ 23 in. height
Bead loosener width:	17 in.
Shipping Weight:	950 lbs.
Max. Space Dimensions:	65 in. (L) x 76 in. (H) X 59 in. (W)

† Some dimensions, capacities and specifications may vary depending on tire and wheel configurations or options.

### TCX575 includes:

- ✓ BPS including:
  - Primary travel arm
  - Secondary fixed arm
  - Pressing cones (standard and light)
  - Pressing cone extension
  - Lifting disk
- ✓ 6 in. clamping jaw extensions
- ✓ (1) Standard bead lever and bead lever polymer protectors
- ✓ Shovel protectors (polymer)
- ✓ Clamping jaw protectors (polymer)

### Ordering Information:

- TCX575 – Electric leverless tabletop changer
- TCX575W – Electric leverless tabletop changer with wheel lift

**Because of continuing technological advancements, specifications, models and options are subject to change without notice.**



For additional information on Hunter tire changer accessories, see Form 4042-T.

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Supersedes 5321-T, 05/09