

TCX575 & TCX565

Advanced Conventional Tire Changing Systems

Introducing
NEW TCX565
Tire Changer



HUNTER
Engineering Company

Key features at a glance



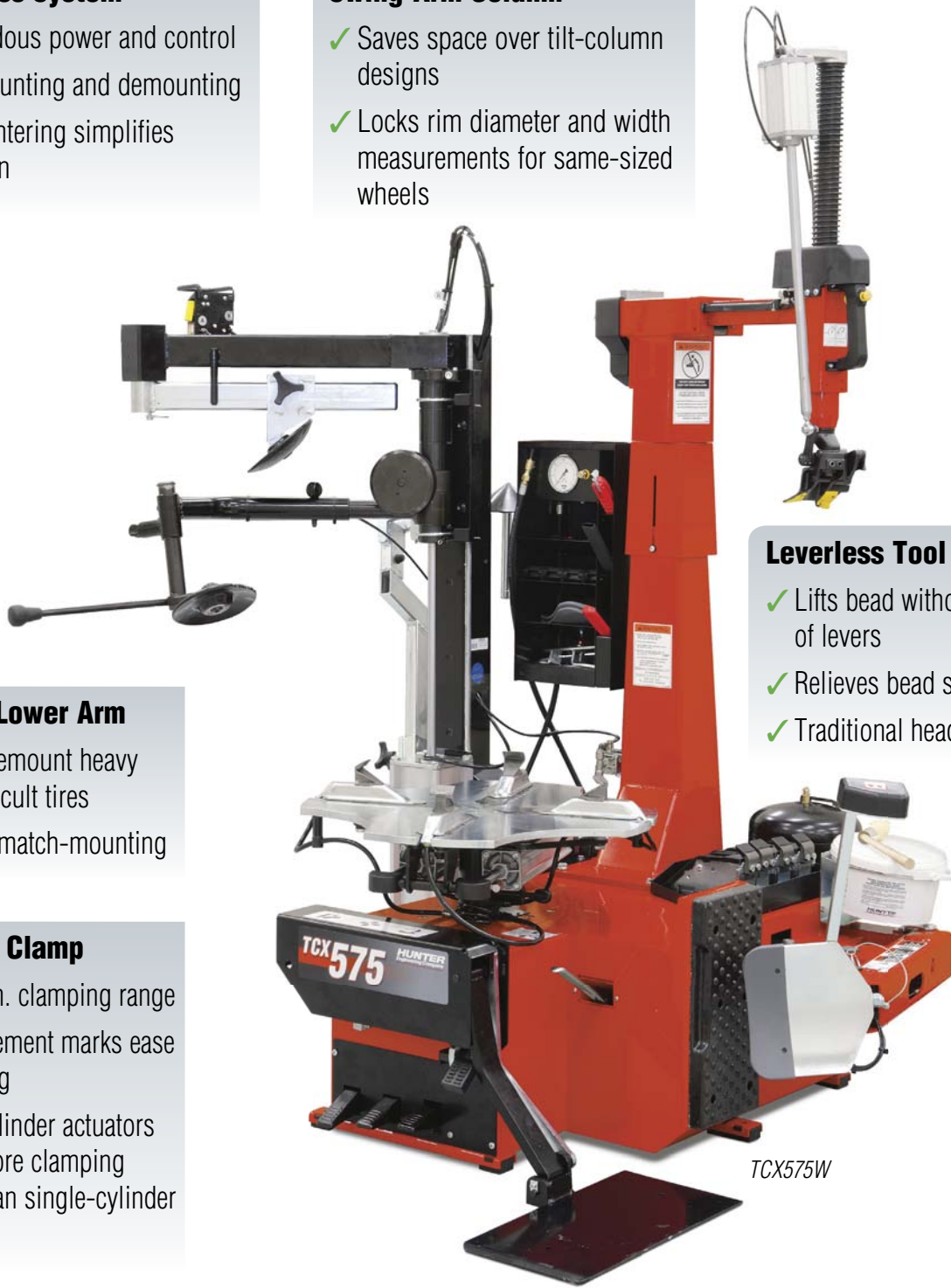
PATENTED

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
- ✓ Relieves bead stress
- ✓ Traditional head option

Locking Lower Arm

- ✓ Helps demount heavy and difficult tires
- ✓ Assists match-mounting

Tabletop Clamp

- ✓ 12-30 in. clamping range
- ✓ Measurement marks ease clamping
- ✓ Twin-cylinder actuators exert more clamping force than single-cylinder designs

Wheel Lift Option

- ✓ Eases servicing of large assemblies

Motor and Drive

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

PowerOut™ Bead Loosener

- ✓ Fingertip control makes large assembly service easy

NEW!

TCX575W

Superior rim handling

TCX575 Fast and Easy Leverless Tool Head

Leverless operation eliminates:

- ✓ Technicians straining to pull over tough beads
- ✓ Bead damage from manual levers
- ✓ Rim damage from lever during demounting

Easy-to-operate controls:

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



TCX565 Traditional Tool Head

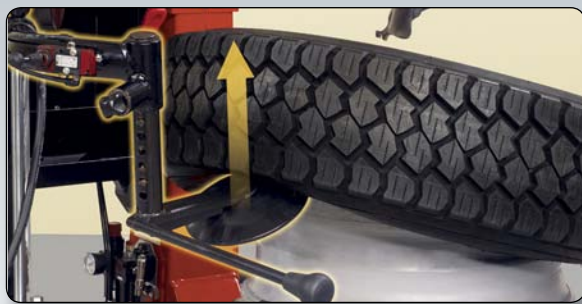
Choice of:

- ✓ Polymer head
- ✓ Steel head with polymer insert for wheel protection



EXCLUSIVE

Locking Lower Arm



Demounting with locking arm

Demount heavy tires and stiff bottom beads easily with roller disc.



Match-mounting made easy

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

PATENTED

Dynamic bead press system

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



Clamping Assistance When Needed



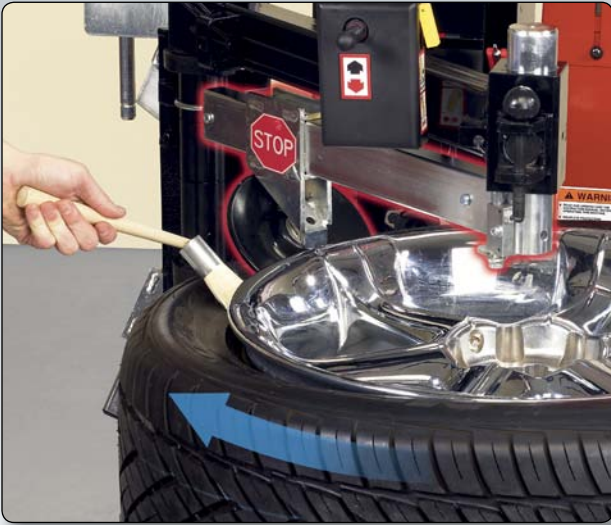
Wheel press cones and extension arm simplify external clamping when servicing low-profile tires.

Mounting: Difficult Processes Made Easy



Rising cam action smoothly guides the bead through mounting.

Demounting: Integrated Tools Ease Labor



Tapered roller discs assist bead lubrication and ease demounting.



The bottom roller disc loosens tire beads and lifts the tire up the wheel barrel during demounting.



A single bead press roller disc with rotating arm can quickly mount and demount stiff sidewall tires.

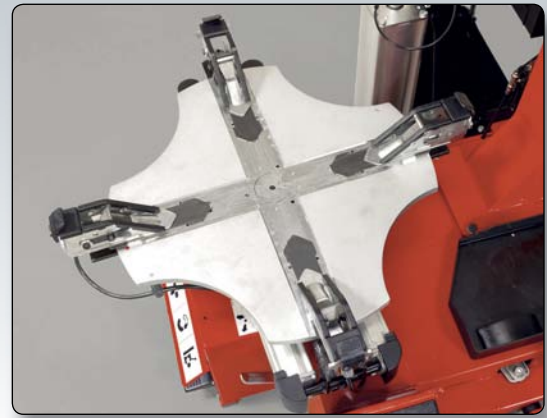


Working with the rotating arm, the fixed bead press arm adds additional force to service the most extreme low-profile tires and deep drop-center wheels.

Exceptional clamping

Tabletop Clamping System

- ✓ Safely and easily handles 12- to 30-inch wheels
- ✓ Radiused design allows easy bottom bead access, while ensuring rigidity for large diameter wheels
- ✓ Two heavy-duty pneumatic cylinders actuate four self-centering clamps for 40% more clamping force over single-cylinder designs



High-Quality Clamping Jaws



Internal clamping for steel wheels

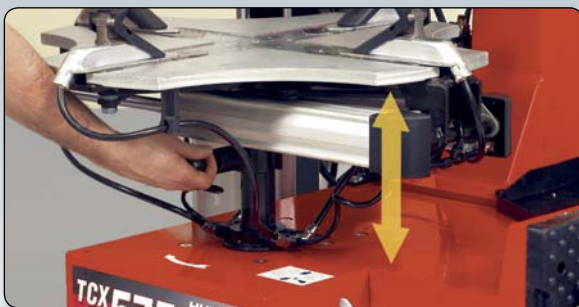
Hardened steel teeth firmly hold steel wheels in place.



External clamping for alloy wheels

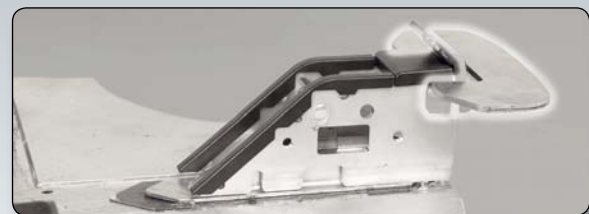
Measurement marks aid external clamping. Nylon inserts protect alloy wheels.

Adjustable Height Clamping



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

Standard Clamping Accessories

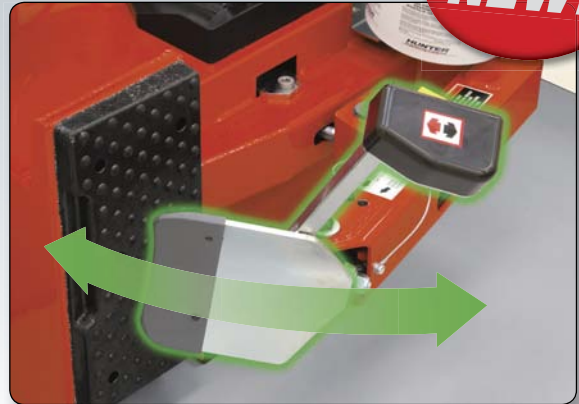


- ✓ Four jaw extensions increase clamping capacity to 30 inches
- ✓ Removable tire supports stop larger tires from dropping below rims

PowerOut™ side shovel

- ✓ Fingertip control eases service of large assemblies
- ✓ Smoothly pulls tire out of stuck beads, saves time in positioning
- ✓ Three-way adjustable shovel angle

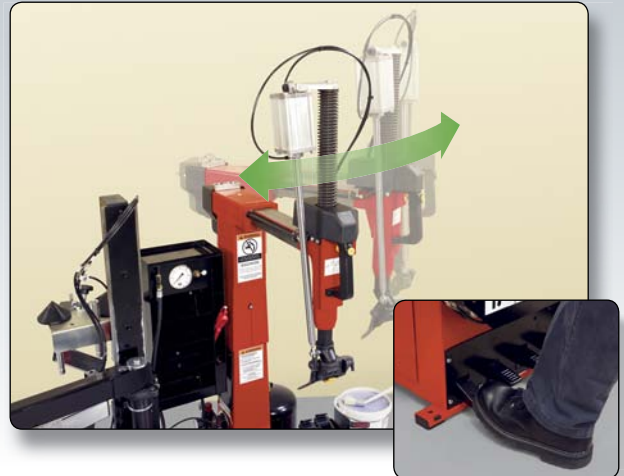
NEW!



EXCLUSIVE

Automatic swing arm

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



Powerful motor and drive

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



Equipment upgrades

Wheel Lift



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

TCX565 Standard Head Alternative

Hunter's TCX565 Tire Changer has all the power of the TCX575 with the choice of a polymer or steel traditional tool head.

A perfect match for the traditionalist who wants big power in a low-tech package.



TCX565W shown

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.
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:	1,056 lbs.
w/ Wheel lift	1,137 lbs.
Max. space dimensions:	60 in. (W) x 82 in. (H) X 48 in. (D)

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

TCX575 / TCX565 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
- TCX565 – Electric tabletop changer
- TCX565W – Electric tabletop changer with wheel lift

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

Be sure to check out other Hunter literature for more quality products from Hunter Engineering.



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