

TCX57 Tyre Changer

Advanced conventional tyre changing systems



At a glance: T CX57

PATENTED

Bead Press System

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



Tabletop clamp

- ✓ 4–26 in. clamping range (6–30 in. with standard adaptors)
- ✓ Measurement marks ease clamping
- ✓ Twin-cylinder actuators exert more clamping force than single-cylinder designs

Motor and drive

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



OPTIONAL

Wheel lift

- ✓ Eases servicing of large assemblies

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



T CX57 shown with standard bead press system



PowerOut™ bead loosener

- ✓ Fingertip or foot pedal control makes large assembly service easy
- ✓ Most powerful in the industry

Exceptional clamping

Easy-to-use, adjustable tabletop

- ✓ Built-in adjustment system provides 10- to 26-in. clamping range
- ✓ All jaws adjust simultaneously for mistake-free clamping
- ✓ Polished tabletop for easy cleanup
- ✓ Hi-grip jaw covers add mounting torque and protect wheels
- ✓ Diameter marks aid external clamping



TCX57, TCX56

Enhanced clamping range with jaw extenders/reducers

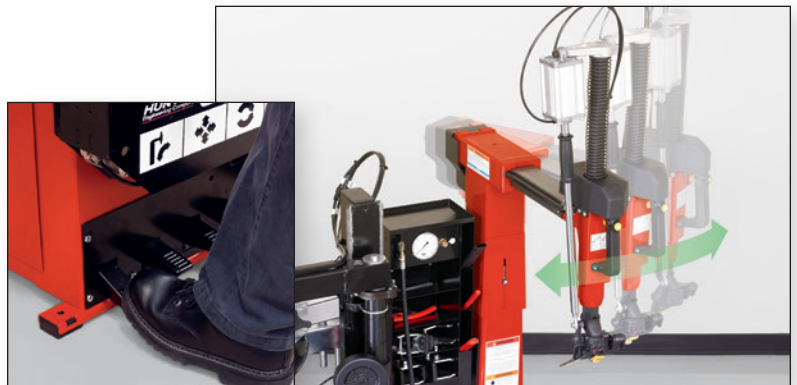
- ✓ Extends range to 30 inches (+ 4 in.) or reduces to 6 inches (- 4 in.)

Optional for TCX55

Efficient and powerful features

Automatic swing arm

- ✓ With the push of a single button, the swing arm locks the wheel diameter and width
- ✓ 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



Superior rim handling

TCX57

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

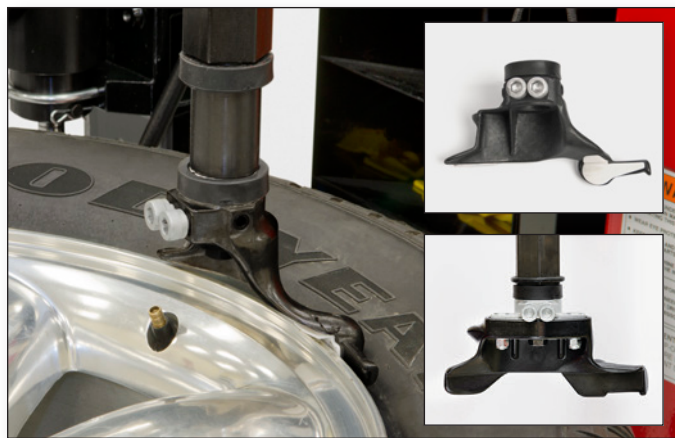
- ✓ Simple switch activates leverless system
- ✓ Familiar mount head design
- ✓ Familiar mounting techniques



TCX56, TCX55

Traditional tool head

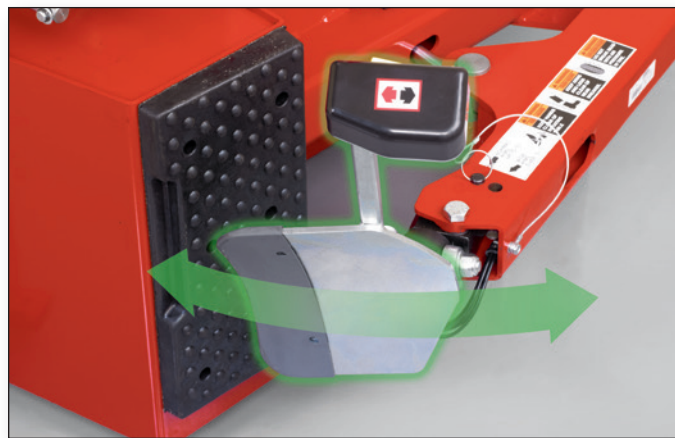
- ✓ Your choice:
 - Steel head with polymer insert for wheel protection
 - Full polymer head
- ✓ Patented "wing" design and knob on backside keep tire in place during mounting/demounting



TCX57, TCX56

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
- ✓ TCX55 uses foot pedal operation



Dynamic bead press system

PATENTED

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.



TCX57 shown

Clamping assistance when needed



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

Mounting: Difficult processes



Rising cam action smoothly guides the bead through mounting.

*Bead press system is standard on TCX57 and TCX56 and available as an option for TCX55.
The optional TCX55 bead press system uses a removable secondary arm.*

Demounting: Integrated tools ease labor



Tapered roller discs assist bead lubrication and ease demounting.



The lower arm can be used for bottom bead loosening. On TCX57 and TCX56 models the lower arm can lock, enabling bottom bead demounting and match mounting.



made easy



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



The secondary bead press arm adds additional contact to service the most extreme low-profile tires and deep drop-center wheels. The TCX57 and TCX56 models feature a convenient flip-down arm.



Specifications

Electrical	208-230V, 6A, 50/60Hz, 1 ph
Wheel clamping	
External	10 – 26 in.
Internal	12 – 28 in.
with adaptors	6 – 30 in.
Maximum tire diameter	1100 mm (43.3 in.)
Maximum wheel width	14.5 in.
Bead loosener width	432 mm (17 in.)
Table rotation speed	7 / 17 rpm clockwise 7 rpm counter-clockwise
Noise level	<70 dB(A)
Operation pressure	8 – 10 bar (110 – 145 psi)
Machine weight	479 kg (1056 lbs)
Dimensions (H x W x D)	
TCX56, TCX57	2082 mm x 1397 mm x 1397 mm 82 in. x 55 in. x 55 in.
TCX55	2082 mm x 1143 mm x 1397 mm 82 in. x 45 in. x 55 in.

Some dimensions, capacities and specifications may vary depending on tyre and wheel configurations.

OPTIONAL

Wheel lift – RP11-8-11400149



- ✓ Eases servicing of large assemblies
- ✓ Allows for more careful handling of expensive wheels

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

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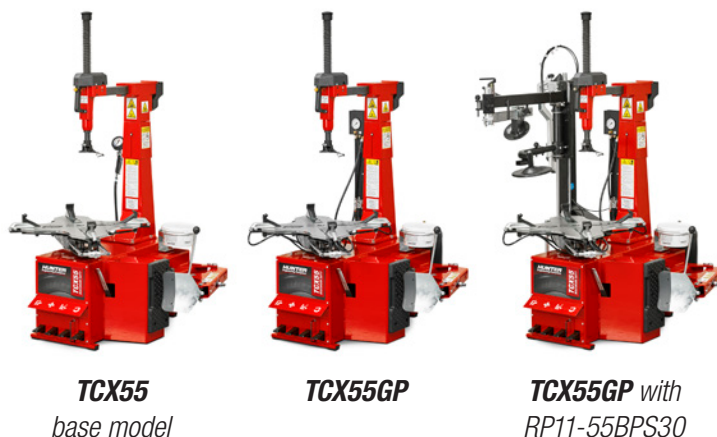
Standard Accessories:

- ✓ Standard bead lever and bead lever polymer protectors
- ✓ Shovel protectors (polymer)
- ✓ Hi-grip jaw protectors
- ✓ Tire paste and application brush

Ordering Information:

- TCX57-2-1-U** Electric leverless tabletop changer with Bead Press System, PowerOut™ side shovel and tubeless inflation
- TCX56-2-1-U** Electric traditional tabletop changer with Bead Press System, PowerOut™ side shovel and tubeless inflation
- TCX55-21U** Electric tabletop changer
- TCX55GP-21U** Electric tabletop changer with tubeless inflation

TCX55 base model and options



TCX55

base model

TCX55GP

**TCX55GP with
RP11-55BPS30**

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