

TCX Swing Arm Tire Changers

Hunter's family of tabletop tire changers

**TWO POWERFUL
CONFIGURATIONS**



TCX Family of Swing Arm Tabletop Tire Changers

Model Overview

TCX53 features three versatile bead press tools to assist with large and challenging tires



TCX53H shown

TCX51 features a powerful bead press arm for low profile tires



TCX51H shown

PowerOut™ bead loosener

- ✓ Most powerful bead breaker in its class
- ✓ Fingertip control eases service
- ✓ Three-way adjustable for best rim fit
- ✓ Shovel protectors standard



Mount and demount head

- ✓ Maximum wheel protection
- ✓ Accommodates newer raised spoke and clad wheels
- ✓ Patented “wing and knob” features keep tire in place better than other heads
- ✓ Rigid polymer construction



TCX50 conventional tire changer offers power and simplicity for most standard tires



TCX50H shown

More torque and speed

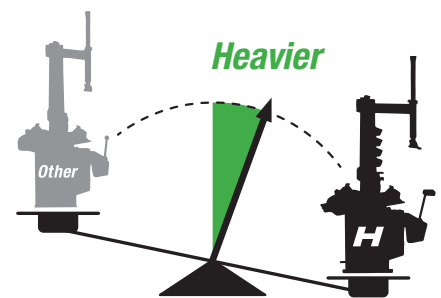


Class-Leading Power

- ✓ Up to 50% higher torque
- ✓ Faster tabletop speed

Best in class

- ✓ Heavyweight for less movement when changing tires
- ✓ Non-slip pads keep machine in place
- ✓



Largest and easiest-to-use tabletop

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



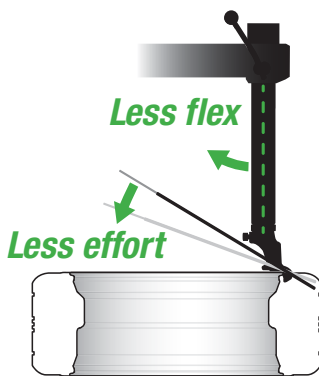
Two Powerful Configurations



TCX53H shown

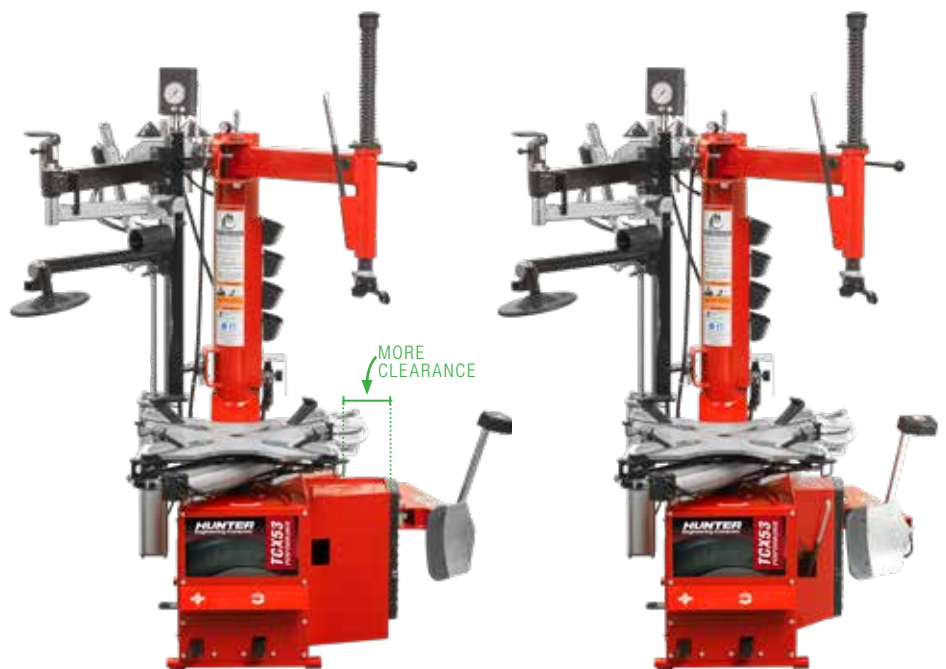
Hunter TCX 50, 51, and 53 tire changers are heavier, more rigid, faster and more powerful than other tire changers in the same class.

	TCX5xH	TCX5xE
Motor	Electric 220V dedicated	Electric 220V or 110V
Mass	25% heavier	20% heavier
Rigidity	10% less flex and effort	10% less flex and effort
Power	50% more torque	20% more torque
Speed	Two-speed 7 and 17 rpm	Single-speed 10 rpm



Rigid Design

- ✓ Long service life
- ✓ Rigid chassis reduces damage risk and operator effort



← **WIDER BASE** →

H models

STANDARD BASE

E models

PATENTED

TCX53 Bead Press System Delivers Control

The bead press system speeds and eases clamping, lubricating, demounting and mounting tough wheel and tire combinations.

- ✓ The patented design centers on the wheel to simplify operation.
- ✓ Standard on TCX53 models
- ✓ Upgrade option for TCX50 models

Bead Press System – 20-2834-1

Aids mounting and demounting with tremendous power and control. (Standard on TCX53; upgrade option for TCX50)



Clamping assistance when needed — press cones ease external wheel clamping.

Demounting: Integrated Tools Reduce Effort



- ✓ Roller creates gap for lever placement and/or bead lubrication



- ✓ Lower disk for bead re loosening
- ✓ Assists lifting heavy tires

Mounting: Difficult Processes Made Easy



- ✓ Single roller arm rotates with tire
- ✓ Mounts many tough tires



- ✓ Fixed roller arm can be added to mount even the toughest tires

TCX51 Bead Press Arm

- ✓ Eases demounting and mounting difficult combinations
- ✓ Large diameter cylinder is most powerful in its class
- ✓ Upgrade option for TCX50 models

Bead Press Arm – 20-3660-1

Aids mounting, demounting and clamping.
Hook lifts heavy tires. Standard on TCX51;
upgrade option for TCX50.



Press arm pushes tire into drop center for mounting and demounting operations



Lifting hook aids the demounting of heavy tires.



Popular Accessories & Optional Equipment



Wheel lift – 20-2045-1

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



“Wing” steel mount head – RP11-5-107776

Includes steel head and all mounting hardware. Ideal for trailer and multi-ply tires. *Replacement plastic protectors RP11-8-11100369 (quantity 10) sold separately.*



NEW Storage shelf – RP11-8-11100423

Large steel shelf system expands storage capacity. Left or right mount, only for TCX50 and TCX51.



Blast inflator – RP11-8-11100403

Direct bursts of compressed air to seat difficult beads.



BP press cone – RP11-4-403749

Clamping press cone. Suitable for TCX51 only.



NEW Small-wheel steel mount head – RP11-8-11100378

Allows easy service of wheels down to 6" diameter. Suitable for golf cart and scooter wheels. Use in conjunction with extenders and reducers.

Replacement plastic protectors RP11-8-11100370 (quantity 10) sold separately.



Jaw extender & reducer (4 ea.) – RP11-8-11100402

Extends range by 4 inches. Reduces range by 5 inches.

Service of small wheels (6"-8") requires the use of the RP11-8-11100378 small wheel mount head (left).



Motorcycle Wheel Adaptor – RP11-2201113

Raise clamping jaws to clear belt drive pulley and brakes used on motorcycles, including Harley Davidson. Plastic-covered to prevent wheel damage.

Specifications*

Electrical requirements

H model	230V, 1 ph, 50/60 Hz, 6A
E model	115V, 1 ph, 14A or 230V, 1 ph, 7A
Air pressure operating range	7.6 – 10 bar (110 – 145 psi)
Air volume of inflation tank	18 liters (4.75 gallons)
Wheel clamping (nominal)	
External (min-max)	10 – 26 in. (254 – 660 mm)
Internal (min-max)	12 – 28 in. (305 – 711 mm)

Table rotation speed (rpm)

H model	7 and 17 clockwise 7 counter-clockwise		
E model	10 clockwise 10 counter-clockwise		
Maximum tire diameter	1168 mm (46 in.)		
Maximum wheel width	356 mm (14 in.)		
Bead loosener width	406 mm (16 in.)		
Noise level	74 dB		
Machine weights	TCX53	TCX51	TCX50
H model	383 kg	363 kg	316 kg
E models	354 kg	334 kg	287 kg

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

Standard Equipment

	230V electric 2-speed wide-chassis			115/230V electric 1-speed compact-chassis		
	TCX53H	TCX51H	TCX50H	TCX53E	TCX51E	TCX50E
Multi-arm Bead Press System and cones	✓	—	+	✓	—	+
Bead Press Arm	—	✓	+	—	✓	+
- Polymer mount head						
- Standard bead lever						
- Polymer hi-grip jaw protectors						
- Blast inflation system		✓			✓	
- Bead lever and shovel protectors						
- Storage Pockets						

Add "W" to include wheel lift.

+ Optional upgrade



See form **4042-T** for more tire changer accessories.

HUNTER

Engineering Company

www.hunter.com

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

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