TCX Family of Swing Arm Tabletop Tire Changers

Model Overview

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

TCX51 features a powerful bead press arm for low profile tires.

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

**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

*TCX50H 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.

<table>
<thead>
<tr>
<th></th>
<th>TCX5xH</th>
<th>TCX5xE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>Electric 220V dedicated</td>
<td>Electric 220V or 110V</td>
</tr>
<tr>
<td>Mass</td>
<td>25% heavier</td>
<td>20% heavier</td>
</tr>
<tr>
<td>Rigidity</td>
<td>10% less flex and effort</td>
<td>10% less flex and effort</td>
</tr>
<tr>
<td>Power</td>
<td>50% more torque</td>
<td>20% more torque</td>
</tr>
<tr>
<td>Speed</td>
<td>Two-speed 7 and 17 rpm</td>
<td>Single-speed 10 rpm</td>
</tr>
</tbody>
</table>

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

Less flex
Less effort

WIDER BASE H models
STANDARD BASE E models
**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)

**Demounting: Integrated Tools Reduce Effort**

- Roller creates gap for lever placement and/or bead lubrication
- Lower disk for bead reloosening
- 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>230V, 1 ph, 50/60 Hz, 6A</td>
</tr>
<tr>
<td>E model</td>
<td>115V, 1 ph, 14A or 230V, 1 ph, 7A</td>
</tr>
</tbody>
</table>

**Air pressure operating range**

7.6 – 10 bar (110 – 145 psi)

**Air volume of inflation tank**

18 liters (4.75 gallons)

**Wheel clamping (nominal)**

<table>
<thead>
<tr>
<th>Type</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>External</td>
<td>10 – 26 in. (254 – 660 mm)</td>
</tr>
<tr>
<td>Internal</td>
<td>12 – 28 in. (305 – 711 mm)</td>
</tr>
</tbody>
</table>

**Table rotation speed (rpm)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>7 and 17 clockwise 7 counter-clockwise</td>
</tr>
<tr>
<td>E model</td>
<td>10 clockwise 10 counter-clockwise</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Model</th>
<th>TCX53</th>
<th>TCX51</th>
<th>TCX50</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>383 kg</td>
<td>363 kg</td>
<td>316 kg</td>
</tr>
<tr>
<td>E model</td>
<td>354 kg</td>
<td>334 kg</td>
<td>287 kg</td>
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</tbody>
</table>

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

### Standard Equipment

<table>
<thead>
<tr>
<th>Feature</th>
<th>TCX53H</th>
<th>TCX51H</th>
<th>TCX50H</th>
<th>TCX53E</th>
<th>TCX51E</th>
<th>TCX50E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-arm Bead Press System and cones</td>
<td>✓</td>
<td>—</td>
<td>+</td>
<td>✓</td>
<td>—</td>
<td>+</td>
</tr>
<tr>
<td>Bead Press Arm</td>
<td>—</td>
<td>✓</td>
<td>+</td>
<td>—</td>
<td>✓</td>
<td>+</td>
</tr>
<tr>
<td>- Polymer mount head</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
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<tr>
<td>- Standard bead lever</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>- Polymer hi-grip jaw protectors</td>
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<tr>
<td>- Blast inflation system</td>
<td></td>
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<tr>
<td>- Bead lever and shovel protectors</td>
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<tr>
<td>- Storage Pockets</td>
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Add “W” to include wheel lift. + Optional upgrade

See form 4042-T for more tire changer accessories.

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11250 Hunter Drive, Bridgeton, MO 63044, USA
Tel: +1-314-731-3020, Fax: +1-314-731-0132
Email: international@hunter.com

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