**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.

**Clamping assistance when needed**

Pneumatic press cones and extension eases external wheel clamping.

**Demounting: Integrated Tools Ease Labor**

- Rollers assist in bead lubrication
- Roller creates gap for lever placement
- Assist in lifting heavy tires

**Mounting: Difficult Processes Made Easy**

- Quick single arm rotation
- Adds fixed arm allows mounting of the very toughest combinations

**Specifications**

**Electrical requirements**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Phase</th>
<th>Amperage</th>
<th>Connector</th>
</tr>
</thead>
</table>
| H model | 220V, 1 ph | 6A | NEMA L6-20P
| E model | 110V, 1 ph | 14A | NEMA 5-15
| A model | 220V, 1 ph | 7A | NEMA L6-20P |

<table>
<thead>
<tr>
<th>Model</th>
<th>Air pressure range</th>
<th>Air volume of inflation tank</th>
<th>Wheel clamping (nominal)</th>
<th>Table rotation speed (rpm)</th>
<th>Maximum tire diameter</th>
<th>Maximum tire width</th>
<th>Road loosener width</th>
<th>Noise level</th>
<th>Machine weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>110 – 174 psi</td>
<td>4.75 gallons</td>
<td>External (min-max) 10 – 26 in. Internal (min-max) 12 – 28 in.</td>
<td>7 and 17 CW / 7 CCW</td>
<td>46 in.</td>
<td>14 in.</td>
<td>16 in.</td>
<td>74 dB</td>
<td>H model 845 lbs. A model 781 lbs.</td>
</tr>
</tbody>
</table>

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

**Models**

- **TCX53H** 220V electric, 2-speed wide-chassis tire changer with bead press system
- **TCX53E** 110/220V electric, 1-speed compact-chassis tire changer with bead press system
- **TCX53A** Air 1-speed compact-chassis tire changer with bead press system

Add “W” to include wheel lift.

**Standard equipment**

- Multi-arm bead press system and cones
- Polymer mount head
- Standard bead lever
- Polymer protectors for bead lever, shovel and hi-grip jaw
- Inflation system
- Four storage pockets

**Optional equipment**

- 20-2045-1 Wheel lift
- 20-2285-1 Storage shelf
- RP11-8-11100403 Blast inflator kit
- RP11-5-107776 “Wing” steel mount head with polymer insert

See form 4042-T for more tire changer accessories.

Because of continuing technological advancements, specifications, models and options are subject to change without notice.
Key features of the TCX53 tire changer

**Best in class**
- Heaviest for less movement when changing tires
- Long service life
- Rigid chassis reduces damage risk and operator effort

**Easy-to-use adjustable tabletop**
- 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 internal clamping

**Mount & demount head**
- Rigid polymer construction
- Maximum wheel protection
- Accommodates raised spokes
- Patented "wing and knob" features keep tire in place

**PowerOut™ Bead Loosener**
- Most powerful bead breaker in its class
- Fingertip control eases service of large assemblies
- Three-way adjustable for best rim fit
- Shovel protectors standard

**TCX53 performance model**
- Features a powerful bead press system

**Three powerful configurations**
Hunter TCX53 tire changers are heavier, more rigid, faster and more powerful than other tire changers in the same class.

<table>
<thead>
<tr>
<th>Configuration</th>
<th>TCX53H</th>
<th>TCX53E</th>
<th>TCX53A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>Electric 220V dedicated</td>
<td>Electric 220V or 110V</td>
<td>Air</td>
</tr>
<tr>
<td>Mass</td>
<td>25% heavier</td>
<td>20% 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>
<td>10% less flex and effort</td>
</tr>
<tr>
<td>Power</td>
<td>50% more torque</td>
<td>20% more torque</td>
<td>5% more torque</td>
</tr>
<tr>
<td>Speed</td>
<td>Two-speed 7 and 17 rpm</td>
<td>Single-speed 10 rpm</td>
<td>Variable-speed 10 rpm-max</td>
</tr>
</tbody>
</table>

**Popular Accessories**

- **STANDARD**
  - PowerOut™ Bead Loosener
    - Most powerful bead breaker in its class
    - Fingertip control eases service of large assemblies
    - Three-way adjustable for best rim fit
    - Shovel protectors standard

- **Optional**
  - Wheel lift – 20-2045-1
    - Eases servicing of large assemblies. Allows for more careful handling of expensive wheels
  - Steel mount head RP11-5-107776
    - “Wing” style steel mount head with polymer insert for wheel protection
  - Blast inflator RP11-8-11100403
    - Direct bursts of compressed air to seat difficult beads
  - Storage shelf 20-2069-1
    - Convenient storage for your most used tools and accessories
TCX53 performance model features a powerful bead press system

Key features of the TCX53 tire changer

Best in class
✓ Heavyweight for less movement when changing tires
✓ Long service life
✓ Rigid chassis reduces damage risk and operator effort

Easy-to-use adjustable tabletop
✓ 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 internal clamping

Mount & demount head
✓ Rigid polymer construction
✓ Maximum wheel protection
✓ Accommodates raised spokes
✓ Patented “wing and knob” features keep tire in place

Hunter TCX53 tire changers are heavier, more rigid, faster and more powerful than other tire changers in the same class.

TCX53H
TCX53E
TCX53A
Motor
Electric
220V dedicated
Electric
220V or 110V
Air
Mass
25% heavier
20% heavier
20% heavier
Rigidity
10% less flex and effort
10% less flex and effort
10% less flex and effort
Power
45% more torque
20% more torque
5% more torque
Speed
Two-speed
7 and 17 rpm
Single-speed
10 rpm
Variable-speed
10 rpm-max

Three powerful configurations

Popular Accessories

STANDARD
PowerOut™ Bead Loosener
✓ Most powerful bead breaker in its class
✓ Fingertip control eases servicing of large assemblies
✓ Three-way adjustable for best rim fit
✓ Shovel protectors standard

OPTIONAL
Wheel lift – 20-2045-1
Eases servicing of large assemblies. Allows for more careful handling of expensive wheels

OPTIONAL
Blast inflator RP11-8-11100403
Direct bursts of compressed air to seat difficult beads

OPTIONAL
Steel mount head RP11-5-107776
“Wing” style steel mount head with polymer insert for wheel protection

OPTIONAL
Storage shelf 20-2885-1
Convenient storage for your most used tools and accessories
Key features of the TCX53 tire changer

**Best in class**
- Heavyweight for less movement when changing tires
- Long service life
- Rigid chassis reduces damage risk and operator effort

**Easy-to-use adjustable tabletop**
- 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

**Mount & demount head**
- Rigid polymer construction
- Maximum wheel protection
- Accommodates raised spokes
- Patented “wing and knob” features keep tire in place

**PowerOut™ Bead Loosener**
- Most powerful bead breaker in its class
- Fingertip control eases service of large assemblies
- Three-way adjustable for best rim fit
- Shovel protectors standard

**TCX53 performance model** features a powerful bead press system

---

### Three powerful configurations

Hunter TCX53 tire changers are heavier, more rigid, faster and more powerful than other tire changers in the same class.

#### Motor
- **TCX53H**: Electric 220V dedicated
- **TCX53E**: Electric 220V or 110V
- **TCX53A**: Air

#### Mass
- **TCX53H**: 25% heavier
- **TCX53E**: 20% heavier
- **TCX53A**: 20% heavier

#### Rigidity
- **TCX53H**: 10% less flex and effort
- **TCX53E**: 10% less flex and effort
- **TCX53A**: 10% less flex and effort

#### Power
- **TCX53H**: 50% more torque
- **TCX53E**: 20% more torque
- **TCX53A**: 5% more torque

#### Speed
- **TCX53H**: Two-speed 7 and 17 rpm
- **TCX53E**: Single-speed 10 rpm
- **TCX53A**: Variable-speed 10 rpm-max

---

### Popular Accessories

**OPTIONAL**
- Wheel lift – 20-2045-1
  Eases servicing of large assemblies. Allows for more careful handling of expensive wheels

**STANDARD**
- **PowerOut™ Bead Loosener**
  - Most powerful bead breaker in its class
  - Fingertip control eases service of large assemblies
  - Three-way adjustable for best rim fit
  - Shovel protectors standard

**OPTIONAL**
- **Steel mount head RP11-5-107776**
  "Wing" style steel mount head with polymer insert for wheel protection

**OPTIONAL**
- **Blast inflator RP11-8-11100403**
  Direct bursts of compressed air to seat difficult beads

**OPTIONAL**
- **Storage shelf 20-2B05-1**
  Convenient storage for your most used tools and accessories
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.

Clamping assistance when needed
Pneumatic press cones and extension eases external wheel clamping.

Demounting: Integrated Tools Ease Labor

- Rollers assist in bead lubrication
- Roller creates gap for lever placement
- Assist as lifting heavy tires

Mounting: Difficult Processes Made Easy

- Quick single arm rotation
- Adding fixed arm allows mounting of the very toughest combinations

Specifications

Electrical requirements

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Phase</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>220V</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>E</td>
<td>110V</td>
<td>1</td>
<td>14</td>
</tr>
<tr>
<td>A</td>
<td>220V</td>
<td>1</td>
<td>7</td>
</tr>
</tbody>
</table>

Air pressure operating range

110 – 145 psi

Air volume of inflation tank

4.75 gallons

Wheel clamping (nominal)

- External (min-max): 12 – 28 in.
- Internal (min-max): 10 – 26 in.

Table rotation speed (rpm)

H: 7 and 17 CW / 7 CCW
E: 10 CW / 10 CCW
A: 10 CW and CCW

Maximum tire diameter

46 in.

Maximum tire width

14 in.

Bead loosener width

16 in.

Noise level

74 dB

Machine weight

H: 845 lbs.
E and A: 781 lbs.

Models

TCX53H
- 220V electric 2-speed wide-chassis tire changer with bead press system

TCX53E
- 110/220V electric 1-speed compact chassis tire changer with bead press system

TCX53A
- Air 1-speed compact-chassis tire changer with bead press system

Add “W” to include wheel lift

Standard equipment

- Multi-arm bead press system and cones
- Polymer mount head
- Standard bead lever
- Polymer protectors for bead lever, shovel and hi-grip jaw
- Inflation system
- Four storage pockets

Optional equipment

20-2045-1 Wheel lift

RP11-B-1100402 Blast inflator kit

RP1-1-10-7776 “Wing” steel mount head with polymer insert

TCX53 Performance Tire Changer

Conventional tire changer with bead press system
**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.

**Clamping assistance when needed**

Pneumatic press cones and extension eases external wheel clamping.

**Demounting: Integrated Tools Ease Labor**

- Rollers assist in bead lubrication
- Roller creates gap for lever placement
- Assist in lifting heavy tires

**Mounting: Difficult Processes Made Easy**

- Quick single arm rotation
- Adding fixed arm allows mounting of the very toughest combinations

**Specifications**

**Models**

- **TCX53H**: 220V electric, 2-speed wide-chassis tire changer with bead press system
- **TCX53E**: 110/220V electric, 1-speed compact-chassis tire changer with bead press system
- **TCX53A**: Air 1-speed compact-chassis tire changer with bead press system

**Standard equipment**

- Multi-arm bead press system and cones
- Polymer mount head
- Standard bead lever
- Polymer protectors for bead lever, shovel and hi-grip jaw
- Inflation system
- Four storage pockets

**Optional equipment**

- **20-2045-1**: Wheel lift
- **20-2885-1**: Storage shelf
- **RP11-8-11100403**: Blast inflator kit
- **RP11-9-107776**: “Wing” steel mount head with polymer insert

**Electrical requirements**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Phase</th>
<th>Amps</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>220V, 1 ph, 6A</td>
<td>NEMA L6-20P</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E model</td>
<td>110V, 1 ph, 14A</td>
<td>NEMA 5-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A model</td>
<td>220V, 1 ph, 7A</td>
<td>NEMA L6-20P</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Air pressure operating range**

- 100 – 140 psi

**Air volume of inflation tank**

- 4.75 gallons

**Wheel clamping (nominal)**

<table>
<thead>
<tr>
<th>Model</th>
<th>External (min-max)</th>
<th>Internal (min-max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>12 – 26 in.</td>
<td>12 – 26 in.</td>
</tr>
<tr>
<td>E model</td>
<td>10 – 26 in.</td>
<td>10 – 26 in.</td>
</tr>
</tbody>
</table>

**Table rotation speed (rpm)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Speeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>7 and 17 CW / 7 CCW</td>
</tr>
<tr>
<td>E model</td>
<td>10 CW / 10 CCW</td>
</tr>
<tr>
<td>A model</td>
<td>10 CW and CCW</td>
</tr>
</tbody>
</table>

**Maximum tire diameter**

- 46 in.

**Maximum tire width**

- 14 in.

**Bead loosener width**

- 18 in.

**Noise level**

- 74 dB

**Machine weight**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>H model</td>
<td>845 lbs.</td>
</tr>
<tr>
<td>E and A models</td>
<td>781 lbs.</td>
</tr>
</tbody>
</table>

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

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

See form 4042-T for more tire changer accessories.

**TCX53 Performance Tire Changer**

Conventional tire changer with bead press system

**Patented**

Demounting: Integrated Tools Ease Labor

Mounting: Difficult Processes Made Easy

TCX53H 220V electric, 2-speed wide-chassis tire changer with bead press system

TCX53E 110/220V electric, 1-speed compact-chassis tire changer with bead press system

TCX53A Air 1-speed compact-chassis tire changer with bead press system

Add “W” to include wheel lift

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Panasonic LEF, UF, UF2

Specifications form 4042-T, 22-18