



# TCX HD TYRE CHANGERS

Safe and Fast Tyre Changers for Big Tyres



Powerful models to  
suit heavy-duty needs



*Semi-trucks, loaders, skidders, tractors, and more*  
**POWERFUL CAPABILITIES  
UNDER YOUR CONTROL**

TCX635HD outpaces any tyre changer for over-the-road truck tyres with none of the fatigue and safety risk of bars and hammers. TCX645HD can do all that, plus handle implement tyres up to 90 inches in diameter.



TCX635PHD shown



TCX645HD shown



**OPERATOR-FRIENDLY  
DESIGN**

Use powerful tools instead of bars and hammers. No lifting of very heavy assemblies



**SUPERIOR WHEEL  
ACCOMMODATION**

Secure small center holes, thick wide-based alloy wheels, centerless wheels, and more



**POWERFUL ASSIST  
TOOLS AND CONVENIENT  
FUNCTIONS**

Hydraulic carriage and on-board tool storage



**EASY MATCH-MOUNTING!** When combined with Hunter's heavy-duty wheel balancers, the heavy-duty tyre machines provide match-mounting capability for achieving the smoothest possible ride.

TCX635PHD  
Tyre Changer

HD Elite®  
Wheel  
Balancer



**TULIP-STYLE  
WHEEL CLAMP**



**SAFE  
CONTROLS**



**ROLLER  
DEMOUNTING**



**STANDARD  
HOOK**



TCX635PHD shown



**NO HAMMERS**



**NO BARS**



**NO LIFTING**



TCX645HD shown

**TCX635HD**

**EXTRA TORQUE,  
EXTRA SPEED**

Service standard truck tyres as well as super-singles. Steel or aluminum rims easily serviced.

**TCX645HD**

**FROM TRUCK TYRES  
TO SKIDDERS**

Versatile, general purpose tyre changer suited for over the road truck tyres as well as implement and agricultural tyres.

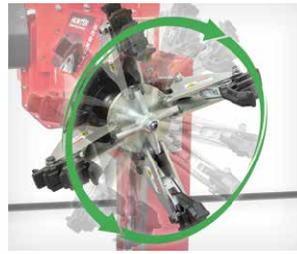
**Tyre cutter  
attachment for  
TCX645HD**

Quickly and easily cut foam-filled tyres off the wheel for disposal.

**RP11-8-12100185**



Optimized for over-the-road truck tyres  
**TCX635HD**



**Tulip-style clamp**

- ✓ Clamps quickly and easily
- ✓ No damage to the wheel



**All-in-one controls**

- ✓ Houses all user operations
- ✓ Pivots to allow flexibility
- ✓ Adjustable height (two positions)



**Bead-breaking rollers**

- ✓ Quickly and easily break tyre beads with no wheel damage
- ✓ Drop roller saves time



## Hydraulic-powered carriage

- ✓ Eases wheel clamp positioning
- ✓ High speed for fast service
- ✓ Low profile reduces positioning effort



## Size variety

- ✓ Service standard truck tyres as well as super-singles
- ✓ Steel or aluminum rims easily serviced



## Reduce risk

- ✓ No lifting tyres
- ✓ No tyre load
- ✓ No hammers

TCX635PHD shown

# Fast and easy demounting and mounting

**DEMOUNT IN AS LITTLE AS 55 SECONDS**

*Roll the wheel onto the carriage and move the carriage inward*



Loosen the beads using the rollers and lube – no hammers needed!



Quickly slide the carriage and spin the tyre, rolling both beads off of the rim. It's that easy.



**MOUNT IN AS LITTLE AS 30 SECONDS**

*Easy mounting shown using optional mounting lever (RP11-8-12100181)*



Use standard aluminum or steel rim clamps to assist mounting.



For many standard tyres, super-fast double bead mounting is possible.

For trucks, tractors, and other heavy-duty equipment

# TCX645HD

## EXCLUSIVE

### Mobile pedestal controls

- ✓ Operator-friendly design
- ✓ Safe and efficient
- ✓ Optional wireless capability



## STANDARD

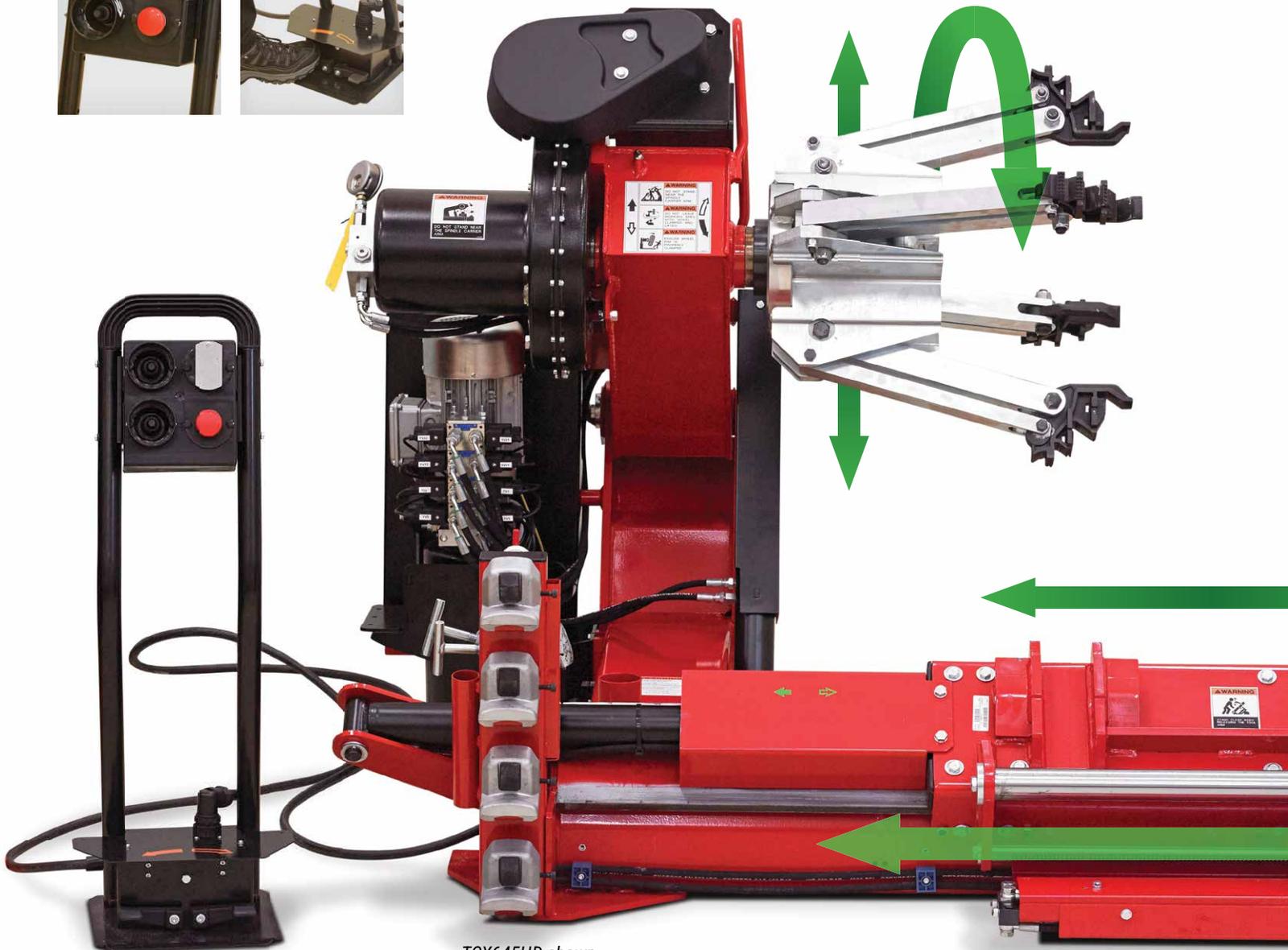
### Powerful and efficient

- ✓ 2200-lb. (1000-kg) capacity spindle head lifts the wheel into position.
- ✓ Power pump runs only when the tyre changer is in use

## STANDARD

### Safety and ease-of-use

- ✓ Hydraulic platform moves the wheel into the clamp – a must for larger, heavy tyres
- ✓ Toolarm hydraulic shuttle saves time and effort



TCX645HD shown

## Service difficult wheel assemblies

Tractor, implement and other specialty wheel assemblies are serviced using the same tools and techniques.

### Tulip-style clamp

- ✓ Two-speed rotation operates clockwise and counter-clockwise
- ✓ 14-46 in. (356-1168 mm) standard clamping capacity



### EXCLUSIVE

#### NEW! Integrated roller sockets

Service 22.5" O.T.R. tyres with ease by pushing them on and off quickly using only the carriage



### STANDARD

#### Disc and hook tools

Mount and demount tubed, super single or more difficult-to-handle wheel assemblies



## Mount and demount with ease



- ✓ Position the wheel pliers and roll the first bead onto the rim
- ✓ Reposition the pliers and roll the second bead on

Bead loosening and demounting can be as easy as rolling the tyre off of the rim in a single step



# TCX HD TIRE CHANGER SPECIFICATIONS

|                           | TCX635HD/TCX635PHD*                          | TCX645HD  | TCX660HD                               |
|---------------------------|--|---|--|
| Power Requirements        | 208-240V, 1 ph, 50 or 60 Hz, 20A NEMA L6-20P | 230V +/-10%, 3 ph, 50 or 60 Hz, 26A                                     | 220V, 3 ph, 50Hz, 400V, 3 ph, 50Hz     |
| Max. Tire Diameter        | 58 in (1,473 mm)                             | 90.5 in. (2299 mm)  | 102.4 in. (2600 mm)                    |
| Max. Wheel Width          | 27 in (686 mm)                               | 42 in. (1067 mm)  | 59 in. (1498 mm)                       |
| Max. Wheel Weight         | 700 kg (1545 lbs)                            | 1000 kg (2200 lbs)  | 5511 lbs (2500 kg)                     |
| Min. Rim-Center Hole Dia. | 100 mm (3.94 in)                             | 100 mm (3.94 in.)   | 100 mm (3.94 in.)                      |
| Rim Diameter Range        | 14.5 - 24.5 in (368 - 622 mm)                | 14-46 in. (356-1168 mm)<br>(56 in. (1422 mm) with optional accessories) | 14 - 56 in. (356 - 1422 mm)            |
| Match Mounting Capable    | Yes  | Yes   | —                                      |
| Torque                    | 2203 N-m (1625 ft-lbs)                       | Low: 4300 N-m (3172 ft-lbs)<br>High: 3000 N-m (2213 ft-lbs)             | 5150 N-m (3799 ft-lbs)                 |
| Rotation Speed            | 9 rpm clockwise and counter-clockwise        | Low speed: 5 rpm<br>High speed: 10 rpm                                  | Low speed: 5 rpm<br>High speed: 10 rpm |
| Shipping Weight           | 530 kg (1168 lbs)                            | 740 kg (1631 lbs)   | 1610 kg (3550 lbs)                     |
| Width (W)                 | 2,184 mm (86 in)                             | 2032 - 2388 mm (80 - 94 in)   | 2442 mm (97 in)                        |
| Height (H)                | 1016 - 1,321 mm (40 - 52 in)                 | 940 - 1550 mm (37 - 61 in)  | 3022 mm (119 in)                       |
| Depth (D)                 | 711 - 1,651 mm (28 - 65 in)                  | 1626 - 2108 mm (64 - 83 in)   | 2030 mm (80 in)                        |

\*TCX635PHD has the same specifications as TCX635HD but also includes mount lever, two ramps, and aluminum jaw covers



TCX635PHD



TCX645HD



TCX660HD

**FOR TRACTOR, IMPLEMENT, AND OTHER SPECIALTY WHEEL ASSEMBLIES**

## Your Hunter distributor is ready to help

- ✂ Receive same- or next-day service
- 📄 Get a free quote or on-site demo
- 📖 Register for training courses
- 🗺 General information and questions



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

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