

## The TC3500 Makes Match- Mounting Easy!

The Hunter TC3500 and GSP9700 make a great combination to eliminate vibration problems, reduce comebacks and increase customer satisfaction.

When used in conjunction with Hunter's GSP9700 Vibration Control System, the TC3500 quickly and easily helps to eliminate vibration problems that balancers alone can't fix.

The GSP9700 uniquely identifies tire force variation- and rim runout-related vibration that can often be eliminated by repositioning the tire on the rim.

The TC3500 makes match-mounting easy with two-finger control that allows the operator to spin the tire on the wheel regardless of aspect ratio or tire stiffness.



Use the TC3500 to easily and safely rotate the tire on the wheel to eliminate vibration.



Exclusive, two-finger control matches tire to wheel even on difficult low profile tires and runflats.



## Standard Accessories



1. Special Formula Mounting Paste, RP6-3784
2. Brush, RP6-1506
3. Safety Goggles, 179-15-2
4. Mount/Demount Head (Polymer), RP6-0343
5. Bead Depressor "Tail", RP6-1572
6. (4) External Clamping Rubber Jaws, RP6-4177
7. Traditional Bead Lever, RP6-0322
8. "HM" Bead Lever, RP6-2663
9. Bead Lever Protector Sleeve, RP6-0326
10. Storage Shelf, *Not pictured*
11. 60 psi Tire Inflation Limiter, *Not pictured*
12. Standard Air Dryer, *Not pictured*
13. Oiler Assemblies, *Not pictured*



**Bead Depressor "Tail"** aids in positioning low-profile tires down into drop center for mounting and demounting. A necessity during handling of extremely tough tire and rim combinations to prevent tire bead or rim damage.

## TC3500/TC3500-XT Specifications\*\*

|                                       |                      |
|---------------------------------------|----------------------|
| Clamping system rotating speed        | 15 rpm (variable)    |
| Recommended air supply*               | 145 ± 30 psi         |
| Air consumption (approximately)       | 12 CFM               |
| Max. tire diameter                    | 40"                  |
| w/ extension kit                      | 43.5"                |
| Max. bead roller opening width        | 19"                  |
| Bead loosening wheel diameter range   |                      |
| standard range                        | 10"-20"              |
| w/ extension kit                      | 13"-24"              |
| Wheel clamping wheel diameter range   |                      |
| Internal clamping                     |                      |
| standard range                        | 10"-22"              |
| w/ extension kit                      | 10"-24"              |
| External clamping                     |                      |
| standard range                        | 9"- 20"              |
| w/ extension kit                      | 9"-24"               |
| Bead roller power; <u>each</u> roller | 4170 lbs. at 140 psi |
| Shipping weight                       | 560 lbs.             |
| Max. space dimensions:                |                      |
| Length                                | 43"                  |
| Height                                | 72"                  |
| Width                                 | 43"                  |

\*Air pressure over 145 psi requires an in-line regulator.  
\*\*Wheel specifications are based on nominal wheel sizes. Some dimensions, capacities and specifications may vary depending on tire and wheel configurations.

## Available Models

- TC3500** Tire Changer, EVO Tulip Clamping Design with Bead Roller Assembly and Standard Accessories
- TC3500-XT** Tire Changer, TC3500 with 24" Wheel Extension Kit (20-1644-1)

For video demonstration see Form 4254T.  
For additional optional accessories see Form 4042T.

Visit our Web site at [www.hunter.com](http://www.hunter.com)

**HUNTER**  
Engineering Company

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# TC3500 Tire Changer

The World Standard in Performance Wheel and Tire Handling



**HUNTER**  
Engineering Company

# TC3500

## Exclusive Features Easily and Safely Handle Today's Toughest Tire/Wheel Combinations

The Hunter TC3500's exclusive features operate in unison to easily and safely change the world's toughest new performance tires and wheels. It is the professional's "standard," specified and field-proven by car and tire manufacturers, service shops and racing teams.

### 1. Floating 3-point articulating mounting arm

- Faster and easier to use than any other design.
- Unlike conventional rim clamp mounting arms, there is no swing arm obstruction when servicing extremely wide wheels and tires.
- No need to adjust the arm away from the wheel; the head follows rims without damage even when wheel is clamped off-center.
- Exclusive polymer mount/demount head\* removes the potential of steel head contact damage. Rides closer than steel head designs; reduces stress to beads on low profile tires.

### 2. Spring-loaded wheel centering support

- Work surface remains at consistent height regardless of rim width.
- "Lifts" tire to the operator upon release. Helps prevent back injury.

### 3. Exclusive "Tulip" wheel clamping system

- Allows wheel to move in unison with hydraulic roller forces without risk of bending or damaging rim.
- Eliminates steel jaw clamping which can damage the powder-coated surface of exotic wheels.
- Clamping arms, brake and motor are sealed against dirt, debris and moisture.
- Eliminates traditional table designs that may act as a "launch pad" in case of tire failure.
- Easily adjusts for internal or external clamping of wheels up to 22". (Optional kit extends clamping capability to 24".)

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### 4. Exclusive hydraulic roller system for mounting, demounting and bead loosening

- Easily rolls the tire off or on the rim.
- Safely and easily handles ultra low-profile tires, rim protection sidewalls, EMT Goodyear, Michelin and Bridgestone runflat designs.
- There's no side-mounted shovel which can damage sidewall, tire uniformity or rim.

### 5. Simple two-finger controller

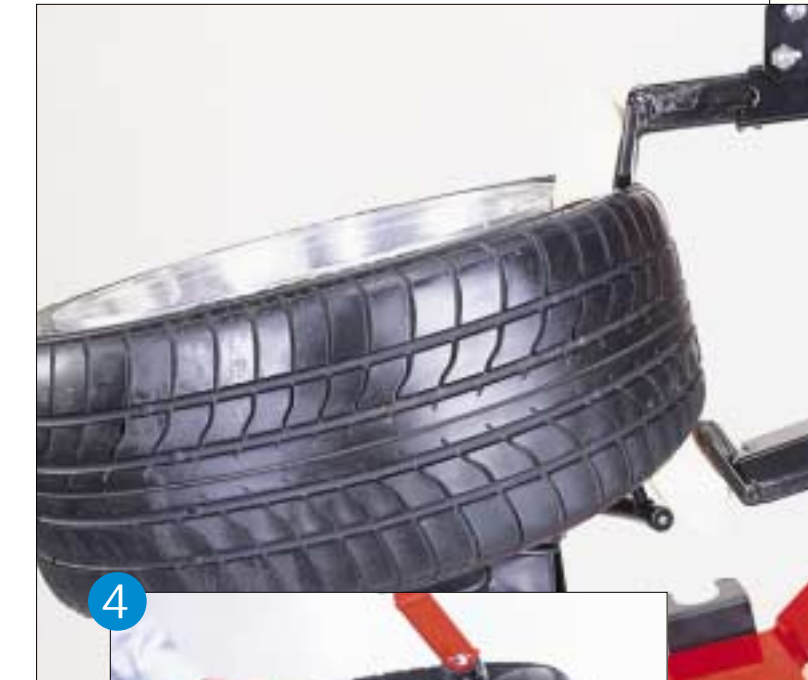
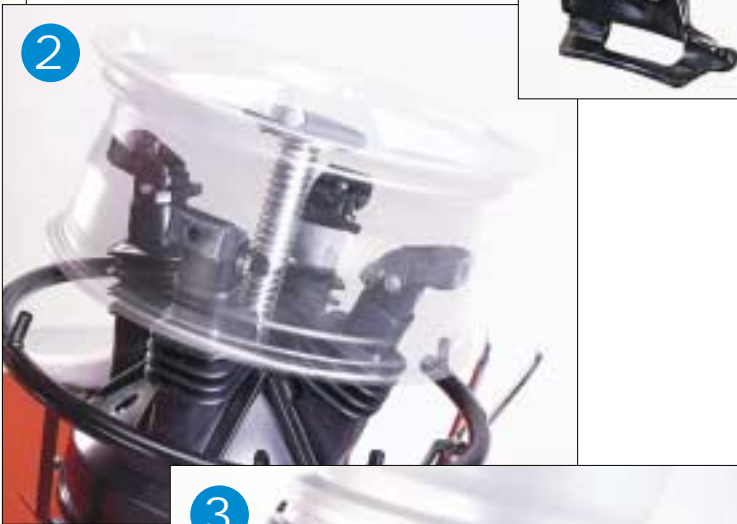
- Air-over hydraulic two-stage system allows fast positioning and operation of both upper and lower bead rollers.

### 6. Tilted ergonomic design for ease of operation

- Allows unobstructed lower bead access for lubricating before tire removal.
- Complete operation including bead loosening can be performed from one position, saving time and physical energy. Requires no bending over for bead loosening.

### 7. All functions driven by compressed air

- Reciprocating multi-piston air motor generates high torque and bi-directional 360° rotation, requires no electric hookup and is extremely quiet.
- Variable speed operation up to 15 rpm in either direction.
- Cover and rubber bellows seal the motor, brake assembly and clamping arms against dirt, debris and moisture.



\* Polymer mount/demount head is a wearing component designed to protect tire and rim.