

TC3000 & TC3100

Enhanced Conventional Design Tire Changers



HUNTER
Engineering Company

TC3000 Tire Changer

Conventional Swing-Arm Design with Features for Speed and Ease-of-Use

Traditional Design

Swing-arm, clamping table and bead-loosening side shovel are familiar to most operators.

Handles Larger Than Standard Off-Road Tires

Enhanced tower handles up to 44-inch tire diameter.

Economical Options for Difficult Tire/Rim Combinations

Optional Bead Depressor Tail (RP6-7290), "HM" Bead Lever (RP6-2663) and Mechanical Bead Pusher (RP6-2413) assist the operator when servicing stiff, low-profile and runflat tires.



TC3000 shown with optional Mechanical Bead Pusher



TC3000 and TC3100 Standard Features



Clamping Table Handles Oversize Wheels

- Handles up to 20-inch wheels.
- Strong twin cylinder tabletop clamping continues to clamp evenly as unit ages and wear tolerances increase.



Clamping Jaws for Steel or Alloy Wheels

- Hardened steel teeth quickly clamp steel wheels internally. Nylon inserts protect alloy wheels when clamping externally.
- Tire bead seating jets are an integral part of the clamping jaw ensuring efficient operation regardless of rim diameter.

Internal clamping for steel wheels



External clamping for alloy wheels



Side Shovel Bead Loosener

- Quick exhausting air valve circuit speeds the bead-loosening process.
- Foot-feathering control pedal eliminates violent forces associated with button controls.
- Extra-wide 15-inch travel eliminates need to readjust for wider wheels.



Polymer Mount/ Demount Head*

- Wearable polymer head protects rims and tires. Reduces stress on tire, rim, tire changer and operator.



Inflation Safety

- Inflation pedal and gauge location moves the operator out of the tire failure danger zone. Integral pressure limiter inflates quickly, prevents unsafe over-inflation.



Rim Securing Device secures wheel to clamping table in case of tire failure during inflation.



Steel Mount/ Demount Head*

- Long-lasting steel head is available if wheel protection is less of a concern. *(To order a unit with steel mount head, use model number TC3000-S, TC3100-S or TC3100-S-Plus)*

* TC3000, TC3100 and TC3100-Plus can be ordered with either a polymer or steel mount/demount head as standard equipment. To order unit with steel mount head add "-S" to the model number. Additional head kits are also sold separately.

TC3100 Tire Changer

Automatic Tilt-Column Design. Optional Add-On Features for Enhanced Service of Performance Tires and Wheels

Pedal-Activated Automatic Tilt-column

Saves time by returning the column and mounting head to the same position when switching out same-size wheels. There's no need to readjust.

Designed for Ease of Operation

Faster service than swing-arm designs. Enables the operator to work from the same position at the front of the machine during mounting and demounting procedures.

Optional "Plus" Power Assist Package

Saves time and effort and protects the rim when servicing high-performance wheel and tire combinations.



TC3100 shown with optional "Plus Device" package.

Optional "Plus Device" for TC3100



20-1682-1, Plus Device Package (Standard on TC3100-PLUS)

The Plus Device makes servicing difficult tire and rim assemblies quicker and easier. The Bead Roller pushes the upper bead down into the drop center during mounting. The independently moveable Lifter Bar allows the technician to re-loosen and lift the lower bead. The Plus Device also assists when using the Bead Depressor Tail. TC3001-Plus package includes air-powered Bead Roller (RP6-7123), Mechanical Bead Pusher (RP6-2413), Bead Depressor Tail (RP6-7290) and "HM" Bead Lever (RP6-2663).

Optional Accessories (For more optional accessories see Form 4042T)



RP6-2413, Mechanical Bead Pusher Kit

For handling stiff, low-profile tires. Pushes the upper bead of the tire below the right hand side of the mount head and holds the tire in the proper position during mounting. (Standard on TC3100-Plus)



RP6-7290 Bead Depressor Tail

Helps push low-profile tires down into drop center when mounting or demounting. A necessity for difficult tire and rim combinations. (Standard on TC3100-Plus)



RP6-2663, Bead Lever, "HM" High Performance (A) and RP6-0326, Bead Lever Protector Sleeve (B)

Patented, high-performance bead lever dramatically reduces effort and eliminates tire damage associated with traditional straight levers. A must for servicing low-profile tires. (Standard on TC3100-Plus)

TC3000 & TC3100 Specifications†

	TC3000*	TC3100 & 3100-Plus*
Nominal Wheel Size Clamping:		
- Internal	13"-20"	13"-20"
- External	12"-20"	12"-20"
Maximum Tire Diameter	44.0"	39.0"
Maximum Tire Width	15"	15"
Bead Loosening		
- Opening Range	1.7"- 15.0"	1.7"- 15.0"
- Maximum Power	5940 lbs.	5940 lbs.
Clamping Table Rotation Speed	8 rpm (bi-directional)	8 rpm (bi-directional)
Motor Power	1hp (.75kW), Heavy Duty, Low Amp Draw	1hp (.75kW), Heavy Duty, Low Amp Draw
Electric Motor	115V-1ph-60Hz, NEMA Plug L5-15P	115V-1ph-60Hz, NEMA Plug L5-15P
Maximum Motor Torque	885 ft.lbs.	885 ft.lbs.
Maximum Inlet Pressure	220 psi	220 psi
Regulated Pressure	145 psi	145 psi
Tire Inflation Limiter	60 psi	60 psi
Net Weight	510 lbs.	565 lbs. & 665 lbs.

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

* TC3000, TC3100 and TC3100-Plus can be ordered with either a polymer or steel mount/demount head as standard equipment. To order unit with steel mount head add "-S" to the model number. Additional head kits are also sold separately.

Hunter Tire Changer Application Chart

	TC3500**	TC3250-Plus**	TC3250**	TC3100-Plus	TC3100**	TC3000**	TC2000**
Matchmounting Ultra High-Performance	●	◐	◑	◑	◑	◑	○
Larger Than 20-inch SUV Wheels	●	◐	◑	●	●	●	●
Runflat, Zero-Pressure Tires	●	●	◐	◐	○	○	○
Beadlock AH2 and Exotic Wheels	●	◐	◐	◐	○	○	●
Ultra High-Performance Wheels	●	◐	◐	◐	◐	◐	◑
Low-Profile Custom Street Performance	●	●	●	◐	◐	◐	○
Conventional Alloy Wheels and Common Aspect Ratio Tires	●	●	●	●	●	●	●
Steel Wheels	◐	◐	◐	●	●	●	●
Medium-Duty LT Tires	◐	◐	◐	◐	◐	◐	●
Oversized Off-Road LT Tires	●	◐	◐	◐	◐	●	●

- Most efficient
- ◐ Performs applications with efficiency
- Capable of performing most applications
- ◑ Capable of performing some applications
- Not recommended

** Options may be required

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

Visit our Web site at www.hunter.com

HUNTER
Engineering Company

11250 Hunter Drive, Bridgeton, MO 63044
TEL: 1-800-448-6848 or 314-731-3020 FAX: 314-731-1776