

# ***TC33M Tire Changer***

***Compact Design Also Supports Mobile Service Applications***

***PRELIMINARY***



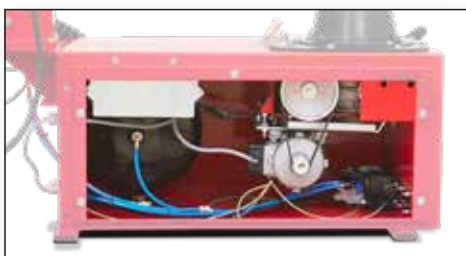
*TC33MBP shown*

# Key features at a glance



## Adjustable head angle

- ✓ Polymer head prevents damage to tire and rim
- ✓ Four positions to match wheel size



## Motor and drive

- ✓ 0-14 rpm variable clockwise speed, 14 rpm counter-clockwise speed
- ✓ 867 ft-lbs. of torque



## Blast inflation

- ✓ Directs bursts of compressed air to easily seat the bead



OPTIONAL

## Bead press arm

- ✓ Assists mounting difficult assemblies







## Single pendant control

- ✓ Simple intuitive operation
- ✓ All controls at fingertips
- ✓ Levered diameter control



## Dual bead rollers

- ✓ Indent occurs automatically during bead breaking
- ✓ Hydraulic power provides ample force
- ✓ Match mount & bead massage capable



*PATENTED*

## Center-clamp system

- ✓ Simple clamping technique
- ✓ Cam action multiplies clamping force
- ✓ Three height positions

## Match-mounting & bead massage made easy



*The bead rollers safely hold the tire stationary while the rim is rotated to complete match-mounting.*

Hunter's center-clamp tire changers and Road Force® wheel balancers:

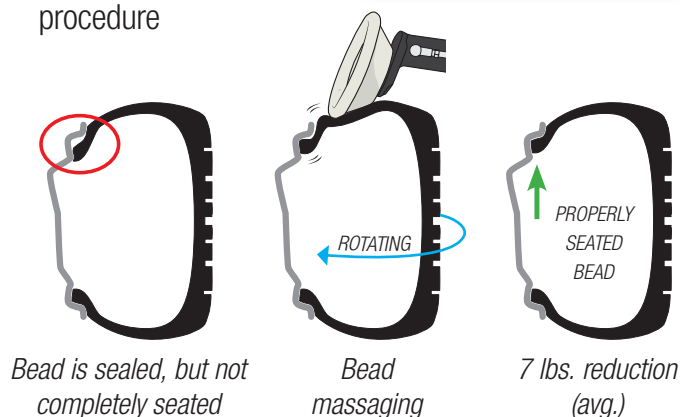
- ✓ Eliminate vibration problems
- ✓ Reduce comebacks
- ✓ Increase customer satisfaction



# Work Smarter, Not Harder

## Bead massage combined with match-mounting avoid more potential comebacks

- ✓ Rollers apply force to tire sidewalls to assist proper bead seating and reduce vibrations
- ✓ Tire changers equipped with bead rollers are capable of performing procedure



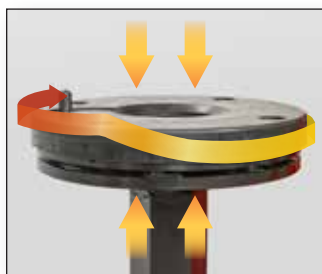
## Versatile Clamping System

- ✓ Adjusts to three working heights
- ✓ Handles wide range of rim diameters
- ✓ Cam action tightens as wheel turns
- ✓ Services reverse and standard wheels in same manner



*Comfortable clamp handle reduces fatigue.*

### PATENTED



*Cam plate rises to exert additional gripping force.*



*Rubber insert protects expensive reverse wheels.*

## Match-mounting

The TC33M's bead rollers allow spinning of tire on rim, helping match-mount stiffest point on tire to low spot on rim.



When used with Hunter's Road Force Elite®, the TC33M quickly and easily helps eliminate vibration problems balancers alone can't fix.

# Made for Mobile

TC33M	
Electrical Supply Requirement	208-230V, 6A (1300 W), 50/60Hz, 1 ph NEMA L6-20P included
Air Supply Requirement	115-145 psi (8-10 bar)
Base Machine Weight	513 lbs (233 kg)
Wheel Lift Weight	62 lbs (28 kg)
Bead Press Arm Weight	92 lbs (42 kg)
Width (W)	33 in. (838 mm)*
Height (H)	71 in. (1803 mm)
Depth (D)	51 in. (1295 mm)

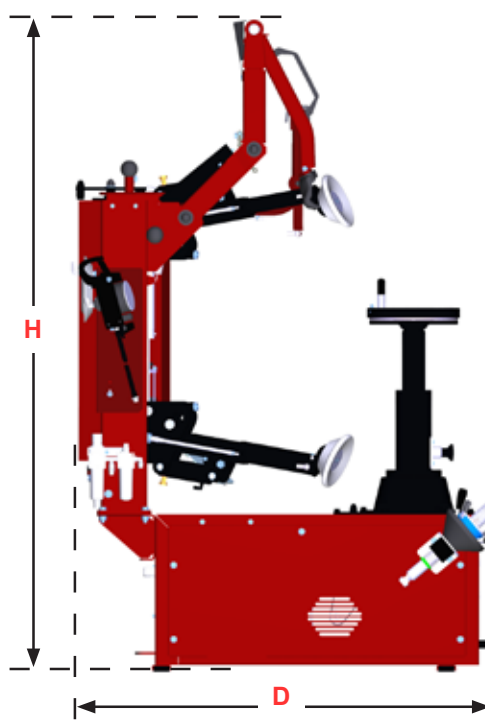
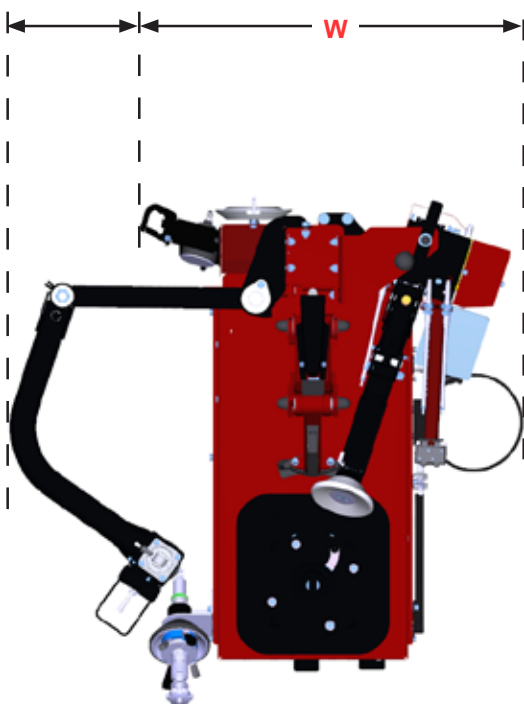
\* Add 14 in. (356 mm) for bead press radius (if equipped)

*Compact and lightweight design, works with any truck or van platform*

TC33M



TC33MBP





# Capture More Opportunity



*Tire changer and other large equipment can be loaded on and off with a pallet loader.*

*Equipment is powered by an eco-friendly ion battery converter.*



*Machines are guided into place using a built-in pneumatic roller system, and are immobilized and anchored to the vehicle floor using heavy-duty bolts.*



*Service is completed within the vehicle, comfortably and safely for technician.*

## Interchangeable Mobile Service Vehicle — Add Mobility to Your Business!

In partnership with Hunter Engineering, Bush Specialty Vehicles is introducing a patent-pending design allowing customers to change the configuration of on-board equipment in order to provide a wide range of mobile services.

### Every Day Service examples include:

- ✓ Mobile Light Mechanical
- ✓ Mobile Part Replacement
- ✓ Mobile Tire Rotation
- ✓ Mobile Battery Service

### Scheduled Day Service examples include:

- ✓ Mobile Tire Replacements
- ✓ Mobile Oil Changes
- ✓ Mobile Brake Service
- ✓ Mobile ADAS Calibration

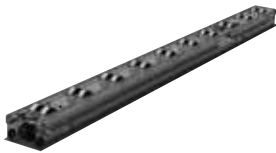
***Hunter is proud to introduce a versatile concept allowing customers to offer multiple services using one van!***



*Ford Transit T350*



***Partner with Bush Truck Leasing for custom up-fitting***



*Pneumatic Roller System*



*Power Box 240V Inverter System*



*Hunter Tire Changer*



*Hunter Wheel Balancer*

**Choose your additional services**



*Nitrogen Services*



*Lube Services*



*Brake Services*



*ADAS Services*

**While also offering the following services daily:**

- ✓ Mobile Light Mechanical
- ✓ Mobile Part Replacement

- ✓ Mobile Tire Rotations
- ✓ Mobile Battery Service



**Lisa Bush**  
***Bush Truck Leasing, Inc.***

(800) 200-0404 ext 380  
[lisa.bush@bushtrucks.com](mailto:lisa.bush@bushtrucks.com)

# Specifications

<b>Rotation speed</b>	0-14 clockwise 14 counter-clockwise
<b>Torque</b>	867 ft.-lbs.
<b>Rim diameter range</b>	10-26 in.
<b>Max. tire diameter</b>	46 in.
<b>Max. bead roller opening width</b>	15 in.
<b>Side shovel (optional)</b>	
Max. bead-loosening opening width	15 in.
Shovel power	6,600 lbs. @ 140 psi

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



TC33M shown

## Optional accessories



### Flange plate for chrome-clad and reverse wheels RP6-G1000A87

Useful for chrome-clad wheels and/or reverse wheels where maximum finish protection is needed.



### Flange plate for chrome-clad wheels RP6-G1000A123

Simplified flange plate for chrome-clad wheels only.



### 19.5" adaptor 20-2341-1

Adapts large center-bore wheels to center-clamp tire changers.



### Bead press arm

- ✓ Assists mounting difficult assemblies
- ✓ Easy-to-maneuver controls



Be sure to check out other literature for more quality products from Hunter Engineering.



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Engineering Company  
[www.hunter.com](http://www.hunter.com)