

# ***Auto34***

***Simple Operation and Unmatched Capability***



***HUNTER***  
Engineering Company

# ***Handles the toughest performance tires and rims***

**PATENTED**

## **Leverless Tool Head**



- ✓ Positions bead without levers
- ✓ Prevents damage to tire and rim

## **Push-Button Controls**



- ✓ Simple, three-button control
- ✓ Easiest operation in its class

## **Diameter Control**



- ✓ Operates all diameter functions from a single point
- ✓ Retains diameter until reset



*TCA34W shown*





**EXCLUSIVE**

### Wheel Support Plate



- ✓ Handles wide range of wheels
- ✓ Provides extra gripping force
- ✓ Three adjustable work heights

**PATENTED**

### Quick Clamp with Cam Plate



- ✓ Safely secures wheel through hub
- ✓ Speeds clamping process

### Electric Motor



- ✓ Exerts over 850 foot-pounds of torque
- ✓ Variable speed

### Mount/Demount Rollers



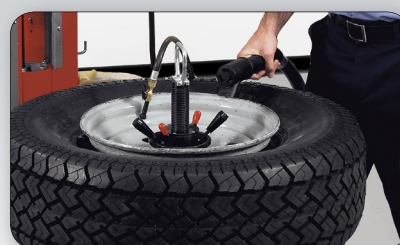
- ✓ Gently rolls bead from rim
- ✓ No rim contact

### Bead Press Arm



- ✓ Helps mount difficult tires
- ✓ Holds sidewalls into drop-center position

### Blast Inflator



- ✓ Directs bursts of air to help seat bead



**PATENTED**

## ***Dynamic leverless tool head***

### **Demounting**



***Tool head inserts into tire, pulls bead over and demounts in one fluid down/up motion.***

### **Mounting**



***Thin, broad head alleviates stress on bead. Durable enough to withstand immense mounting forces.***

## ***Diameter control***

- ✓ Adjust tool head and rollers to the correct diameter from a single point
- ✓ Retains diameter setting until reset, allowing quick and easy service of all four tires



## Simple controls

- ✓ Intuitive interface makes the Auto34 the easiest tire changer to operate
- ✓ Three switches and one foot pedal control virtually all tire changing operations
- ✓ Includes manual controls for advanced or special techniques (PAX)



***Inflation, rotation and wheel lift operations are controlled by three foot pedals.***



## 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



***Cam plate rises to exert additional gripping force.***



***Rubber insert protects expensive reverse wheels.***



***Three easily adjustable clamping heights provide the versatility you need.***



# *Enhanced features to make your tire service faster and easier*



## **Bead loosening roller auto-indentation**

Sensor detects when roller is under rim flange and automatically indents bead loosening disc.



## **Bead press arm**

Assists with mounting a difficult tire and eases demounting of a standard tire.



## **Blast inflation**

Directs large blast of compressed air exactly where needed to seat the bead.



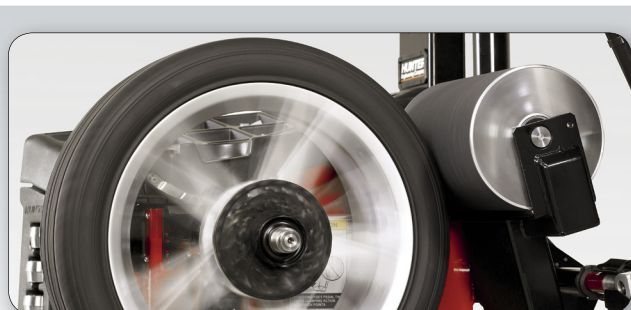
## **Expandable base**

Three-position base expands up to 34 inches to accommodate larger assemblies.



## **Match-mounting**

The Auto34'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 Touch®, the Auto34 quickly and easily helps eliminate vibration problems balancers alone can't fix.

# Popular equipment upgrades



## Wheel lift

- ✓ Eases servicing of large assemblies
- ✓ Allows for careful handling of expensive wheels
- ✓ Reduces operator fatigue

**OPTIONAL**

## Flange Plate Kit



Optional kit is ideal for plastic-faced wheels or reverse wheels where maximum protection is needed. (RP6-G1000A87)

## Long Pins



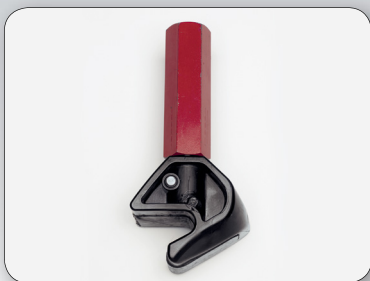
Optional pins are longer, allowing servicing of reverse wheels with extra deep spokes. (RP6-G1000A102) For use with flange plate (RP6-G1000A87).

## Basic Flange Plate Kit



Optional kit is ideal for shop that handles plastic-clad wheels without need of reverse applications. (RP6-G1000A123)

## Contoured Press Head



Optional bead press head for special applications. Required by BMW. (RP6-G100094)

## PAX® Tire System Kit



Optional kit for servicing Michelin® PAX® systems. (RP6-G1000A73)

## 19.5 Inch Wheel Adaptor



Optional adaptor adds clamping capability for 19.5 in. wheels with large center holes. (20-2341-1)

# Specifications



TCA34W shown

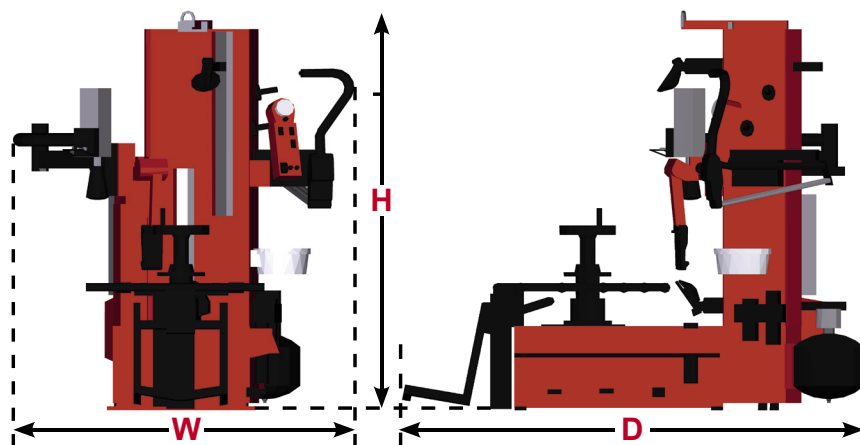
Power requirements	208-230V, 15A, 60Hz, 1 ph NEMA 20 amp plug, L6-20P
Air supply requirements	115-145 psi (8-10 bar)
Mount / demount tool	Self-inserting, polymer leverless head
Clamping type	Center w/Quick Clamp and cam plate
Bead loosening type	Upper / lower roller
Match-mounting capable	Yes
Adjustable clamping height	Yes
Rim diameter range	10-30 / 12-32 / 14-34 in.
Maximum tire diameter	50 / 52 / 54 in.
Maximum wheel width	19 in.
Drive	Variable up to 14 rpm CW 7 rpm CCW Torque: 867 ft-lbs (1,175 Nm)
Shipping weight	1,039 lbs. (471 kg)
Shipping weight with wheel lift	1,128 lbs. (511 kg)

# Models

	TCA34	TCA34W
Wheel Lift		✓
Width (W)	43 in. 1,092 mm	43 in. 1,092 mm
Height (H)	72 in. 1,829 mm	72 in. 1,829 mm
Depth (D)	60 in. 1,524 mm	78 in. 1,981 mm



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



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



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