

TIRE CHANGER GUIDE

Finding the Best Equipment for Your Shop



Choose your
model right

Making informed need-based decisions

FIVE KEY QUESTIONS TO ASK

What types of tires do you service?

Various tire changers are optimized for certain types of tires – serviceability varies by size, stiffness, and special features.



How much effort and skill can your techs deliver?



AUTOMATIC – GUIDED EXPERIENCE

- ✓ Same procedures for all tires and wheels with consistent service time for all wheel assemblies
- ✓ Maximum safety for operators and wheels
- ✓ Fastest throughput, techs able to do two tasks at once



LEVERLESS – MODERATE SKILL PLUS SAFETY

- ✓ Reduces wheel damage risk
- ✓ Superior for more difficult tires
- ✓ Eliminates lever injuries



TABLETOP – EASY FOR SIMPLE TIRES

- ✓ Easy to use for simple tires
- ✓ Many operators are familiar with tabletops
- ✓ Increased complexity and effort on harder tires

Which clamping style do you prefer?



TABLETOP – very fast, no special adaptors, less wheel protection



CENTER CLAMP – maximum wheel safety, never slips, may require adaptors

How much power do you need?



AIR MODELS offer sufficient power and variable speed without the need for electricity. (Available only on select basic models.)



110V MODELS are suitable for virtually all locations and feature multi- or variable-speed motors for better control.



220V MODELS deliver maximum and ample power.

Do you need data?

Hunter tire changers with HunterNet® connectivity can provide beneficial metrics – including before and after photos of tire service, size, and pressure. Other important shop data about machine usage and real-time ROI feedback is available.



Only the Revolution™ tire changer supports photos and tire size data.

Making informed feature-based decisions

DEFINING A GOOD TIRE CHANGER



SERVICE SUPPORT

Reliable repair service and manufacturer support when you need it



ROBUST DESIGN

A tire changer's sturdiness and durability must stand up to heavy, daily use



MOUNT HEAD TYPE

Choices of mount head address technician's skill level, safety, and wheel protection concerns



TRAINING

Multiple avenues of training necessary to ensure safe and efficient use



DIVERSE MODEL OFFERING

Varied equipment options to choose from, not a "one-size-fits-all" product



SIDE SHOVEL DURABILITY

Size and heft of side shovel indicates a tire changer's ability to last



WHEEL PROTECTION

Reputable tire changing equipment has superior wheel protection



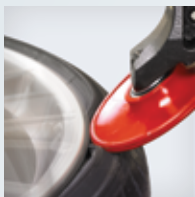
TORQUE

Multiple power options (including 220V) able to address today's torque requirements



TECHNICIAN SAFETY

Productivity features focused on making the technician's job safer and easier at the same time



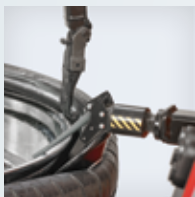
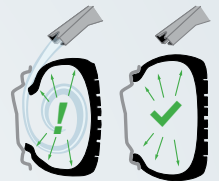
Bead loosening

While side shovel bead breakers are very effective, roller bead breaking offers a higher level of wheel and technician safety.



Blast inflation

Built-in blast inflation replaces handheld devices, making bead sealing faster and easier.



Mount head

Leverless heads are physically easier to use and safer for wheels than traditional heads.



Wheel lift

The lift can raise the heavy assemblies with ease, helps prevent damage to the wheel, and eases back strain.



Bead press system

Assist devices like press arms allow a technician to position beads where they are needed for mounting and demounting.



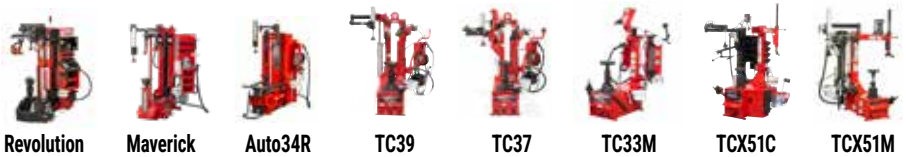
Clamping

Center clamping provides maximum wheel safety, never slips, but may require adaptors. Tabletop clamping is very fast, doesn't require adaptors, but doesn't provide the same level of wheel protection.

Choosing the right model for your shop

TIRE SERVICEABILITY GUIDE

- Readily serviceable
- Serviceable with high effort/skill/risk
- Not serviceable



		POWER REQUIREMENTS		Revolution	Maverick	Auto34R	TC39	TC37	TC33M	TCX51C	TCX51M
				220	220	220	220	220	220	220	110
		HUNTERNET Connectivity			Requires Accessory						
OEM STANDARD	Standard	With WalkAway™									
	Truck/SUV	With WalkAway™								Plus FastBlast™	Optional FastBlast™
	Low-Profile	With WalkAway™									
OEM RUN-FLATS	Car	With WalkAway™							Requires Accessories		
	Van/SUV	With WalkAway™							Requires Accessories		
	High-Performance	With WalkAway™							Requires Accessories		
AFTERMARKET	Aftermarket Single Piece	With WalkAway™							Requires Accessories		
	Aftermarket Mudder	With WalkAway™							Requires Accessories	Plus FastBlast™	Optional FastBlast™
	Aftermarket 2 & 3 Piece										
MOTORCYCLE/ATV	Golf Cart										
	ATV										
	Motorcycle										
THICK-BEAD	Skid Steer	Requires Accessories	Requires Accessories								
	19.5 in.	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories					Requires Accessories	Requires Accessories
	22.5/Widebase										
	Loader										
	Foam-Filled										

Knowing your customers drives your choice

People are keeping their vehicles longer than ever, and electric vehicle tires wear about 20% faster than ICE vehicle tires. **Knowing your customers drives your choice.**

New alloy wheels are expensive (\$200-\$500). Proper equipment reduces damage risk and damage claims. **Knowing your customers drives your choice.**

75% of new vehicles are trucks and SUVs. The right machine can reduce the time and labor to service heavy assemblies. **Knowing your customers drives your choice.**

- Readily serviceable
- Serviceable with high effort/skill/risk
- Not serviceable



TCX59PRO TCX59 TCX58 TCX53PRO TCX53xPLS TCX51 TCX51PLS TCX50 TCX645HD TCX635HD

		POWER REQUIREMENTS	220	220	220	220	220-110-AIR	220-110-AIR	220	220-110-AIR	220	220
		HUNTERNET Connectivity	Requires Accessory	Requires Accessory	Requires Accessory	Requires Accessory	Requires Accessory*	Requires Accessory*	Requires Accessory	Requires Accessory*		
OEM STANDARD	Standard											
	Truck/SUV	Plus FastBlast™	Plus FastBlast™	Plus FastBlast™					Plus FastBlast™			
	Low-Profile											
OEM RUN-FLATS	Car											
	Van/SUV											
	High-Performance											
AFTERMARKET	Aftermarket Single Piece											
	Aftermarket Mudder	Plus FastBlast™	Plus FastBlast™	Plus FastBlast™					Plus FastBlast™			
	Aftermarket 2 & 3 Piece											
MOTORCYCLE/ATV	Golf Cart	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories		
	ATV	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories		
	Motorcycle	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories	Requires Accessories		
THICK-BEAD	Skid Steer											
	19.5 in.											
	22.5/Widebase											
	Loader											
	Foam-Filled										Requires Accessories	

* H model only

Benefits of each clamping style



Centering clamp

Center clamping provides maximum wheel safety and never slips. However, it may require adaptors for certain wheels.



Conventional

Tabletop clamping is very fast, and does not require special adaptors, but doesn't provide the same level of wheel protection.

Give your customers what they want

SERVICING SPECIAL FITMENTS



Best tire changer for 19.5" assemblies

A leverless machine is preferred for 19.5s. Rim clamping is sometimes preferred, since they do not require clamping adaptors. A wheel lift is a back saver that should also be considered.



Servicing 22.5" assemblies

HD truck assemblies are too heavy and the tires are too stiff for a passenger car tire changer. HD truck assemblies require special HD tire changers to service properly.



Electric vehicle tire service

EV tires are often stiffer with a lower profile than internal combustion engine (ICE) vehicle tires in order to handle the higher weight and torque while still offering low rolling resistance. These attributes coupled with their lightweight alloy wheel make them better suited for service with center-clamp, leverless machines.



Handling reverse wheels

Center clamping is preferred for reverse wheels. Using a flange plate protects the front face of the wheel and eliminates the risk of slippage. Reverse wheels are also often high diameter, which are better serviced on a center-clamp, roller-based machine.

Servicing motorcycle tires

Quickly and efficiently change motorcycle tires using Hunter's wheel adaptor for TCX50 series tire changers (RP11-2201113).

- ✓ Raise clamping jaws to clear belt drive pulley and brakes used on motorcycles, including Harley-Davidson.
- ✓ Adaptors are plastic-covered to prevent wheel damage.
- ✓ Jaw extenders allow easy clamping of motorcycle wheels.



Bring your business to your customers

MOBILE SERVICE TIRE CHANGERS

**Mobile service-ready –
max features,
minimum footprints**

TC39/TC37

- ✓ 10-26 in. rim capacity
- ✓ Polymer head –
Leverless (TC39) or
Traditional (TC37)
- ✓ Dual roller arms and a
bead press arm
- ✓ Mobile-capable



TCX51M

- ✓ 14-26 in. rim capacity
- ✓ Traditional polymer
mount/demount head
- ✓ Dual roller arms
- ✓ Bead press arm
- ✓ Designed for mobile
applications



TC33M

- ✓ 12-24 in. rim capacity
- ✓ Traditional polymer
mount/demount head
- ✓ Optional press arm
- ✓ Designed for mobile
applications



**MOBILE TIRE CHANGERS –
MATCH-MOUNTING-CAPABLE
AND HANDLE DIFFICULT
ASSEMBLIES WITH EASE**

Making informed shop-based decisions

THE RIGHT FIT MAKES A DIFFERENCE



GENERAL REPAIR SHOPS

Look for machines that are capable yet still compact enough to fit in between bays.



AUTOMOTIVE DEALERSHIPS

Reliable, durable machines suited for new vehicles and challenging fitments.



HEAVY-DUTY REPAIR SHOPS

Special equipment for the size and weight of HD assemblies, plus technician safety.



COLLISION REPAIR SHOPS

Easy-to-use machines that provide high level of alloy wheel protection.



TIRE DEALERS

Heavy-use machines equipped for all fitments and radical aftermarket assemblies.



GOVERNMENT & EDUCATION

A wide range of fleet vehicles may require more than one changer type.

Your local Hunter team is ready to help

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



Contact your local team

hunter.com/contact

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

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