

# 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.

Assembly Date	Service Item	Price	Tire Size	Pressure	Production	DOT Code	Vehicle Data	Service Status
5/21/2020 11:07:00 AM	314	32 x 18	32.1 lbs	32			Ford Mustang 2018	
5/21/2020 11:07:00 AM	345	18 x 20	38 lbs	32			Ford Mustang 2018	✓
5/21/2020 11:08:40 AM	328	8.5 x 19	34.8 lbs	32				
5/21/2020 11:41:00 AM	217	9.5 x 19	32.1 lbs	32				
5/21/2020 11:45:00 AM	318	8.8 x 18	28.8 lbs	32			Subaru Forester 2018	
5/21/2020 11:54:00 AM	329	18 x 20	38 lbs	32				

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



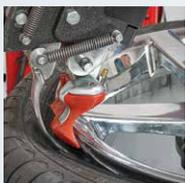
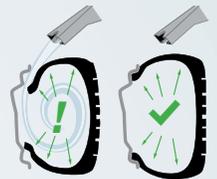
### Bead loosening

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



Revolution



Maverick



TCX51CPRO



TCX51C



TCX51M

		POWER REQUIREMENTS				
		220	220	220	220	110
HUNTERNET Connectivity			Requires Accessory			
OEM STANDARD	Standard	With WalkAway™				
	Truck/SUV	With WalkAway™		Plus FastBlast™	Plus FastBlast™	Optional FastBlast™
	Low-Profile	With WalkAway™				
OEM RUN-FLATS	Car	With WalkAway™				
	Van/SUV	With WalkAway™				
	High-Performance	With WalkAway™				
AFTERMARKET	Aftermarket Single Piece	With WalkAway™				
	Aftermarket Mudder	With WalkAway™		Plus FastBlast™	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				
	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    TCX58    TCX53PRO    TCX53xPLS    TCX51    TCX51PLS    TCX50    TCX645HD    TCX635HD

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

\* H model only

## Benefits of each clamping style



### Center 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

## TCX51M

- ✓ 14-26 in. rim capacity
- ✓ Traditional polymer mount/demount head
- ✓ Dual roller arms and bead press arm
- ✓ Designed for mobile applications
- ✓ Efficient 110V inverter motor

Smallest,  
lightest  
footprint



Success thinks  
outside the box



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 trusted service professionals

- ✂ 520+ independent Technical and Training Representatives in U.S. and Canada
- 🎓 All Reps complete a 9-week advanced training course
- 🚗 80% of Reps live within 60 miles of most customers
- 👨‍🔧 On-site product training by Hunter-certified Technical and Training Reps
- ★ 98% of customers recommend Hunter products based on service



Contact your local team

[hunter.com/contact](https://www.hunter.com/contact)



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

**HUNTER**  
Engineering Company

[www.hunter.com](https://www.hunter.com)