



TYRE 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 tyres do you service?

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



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 effort and skill can your techs deliver?

AUTOMATIC – GUIDED EXPERIENCE

- ✓ Same procedures for all tyres 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 tyres
- ✓ Eliminates lever injuries



TABLETOP – EASY FOR SIMPLE TYRES

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



Making informed feature-based decisions

DEFINING A GOOD TYRE CHANGER



SERVICE SUPPORT

Reliable repair service and manufacturer support when you need it



ROBUST DESIGN

A tyre 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 tyre changer's ability to last



WHEEL PROTECTION

Reputable tyre changing equipment has superior wheel protection



TORQUE

Multiple power options 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

TYRE SERVICEABILITY GUIDE

		Revolution	Maverick	Auto34R	TCX70Pro	TC39	TC37	TC33/33M	TCX51C	TCX51M
POWER REQUIREMENTS		220	220	220	220	220	220	220	220	220
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	Requires Accessories	
	22.5/ Widebase									
	Loader									
	Foam-Filled									

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.

KNOWING YOUR CUSTOMERS DRIVES YOUR CHOICE



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



New alloy wheels are expensive (180-450€). Proper equipment reduces damage risk and damage claims. **Knowing your customers drives your choice.**

		TCX59PRO	TCX58	TCX57	TCX56/55	TCX54	TCX52	TCX53PRO	TCX53xPLS	TCX51x	TCX51PLS	TCX50x	TCX50	TCX45
POWER REQUIREMENTS		220	220	220	220	220	220-110	220	220-110-AIR	220-110-AIR	220	220-110-AIR	220-110	
OEM STANDARD	Standard													
	Truck/SUV	Plus FastBlast®	Plus FastBlast®								Plus FastBlast®			
	Low-Profile				56	55	Requires Accessories	Requires Accessories						
OEM RUN-FLATS	Car						Requires Accessories	Requires Accessories						
	Van/SUV						Requires Accessories	Requires Accessories						
	High-Performance						Requires Accessories							
AFTERMARKET	Aftermarket Single Piece						Requires Accessories							
	Aftermarket Mudder	Plus FastBlast®	Plus FastBlast®								Plus FastBlast®			
	Aftermarket 2 & 3 Piece													
MOTORCYCLE/ATV	Golf Cart		Requires Accessories											
	ATV		Requires Accessories											
	Motorcycle		Requires Accessories											
THICK-BEAD	Skid Steer													
	19.5 in.													
	22.5/ Widebase													
	Loader													
	Foam-Filled													

Heavy-Duty Tyre Changers

TCX645HD



TCX645HD TCX660HD TCX635HD

THICK-BEAD	Skid Steer				
	19.5 in.				
	22.5/ Widebase				
	Loader				
	Foam-Filled		Requires Accessories		

Give your customers what they want

SERVICING SPECIAL FITMENTS



Best tyre 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.



Electric vehicle tyre service

EV tyres are often stiffer with a lower profile than internal combustion engine (ICE) vehicle tyres 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.



Servicing 22.5" assemblies

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



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 tyres

Quickly and efficiently change motorcycle tyres using Hunter's wheel adaptor for TCX50 series tyre 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 TYRE CHANGERS

Mobile service-ready –
max features,
minimum footprints

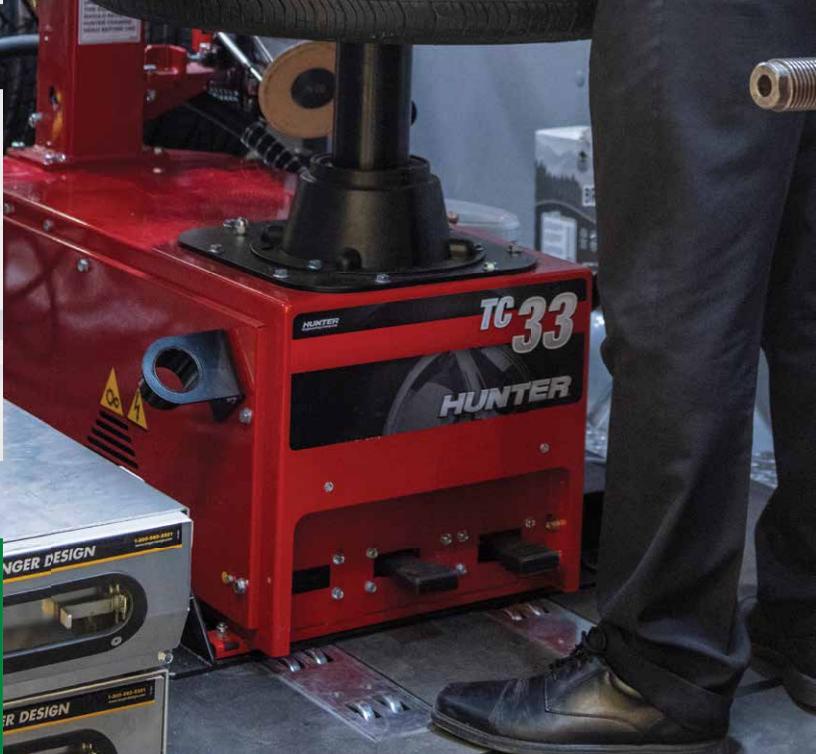
TC39/TC37

- ✓ 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 TYRE 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.



TYRE 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 Hunter distributor is ready to help

- ❖ Receive same- or next-day service
- ❖ Get a free quote or on-site demo
- ❖ Register for training courses
- ❖ General information and questions



Contact your local distributor

hunter.com/contact



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