

Dialogannahme

# TYRE CHANGERS

Version 2025.07.03 – Prices on request

# TC47L Pro2 | WDK

Leverless table-top tyre changer | 10-27" working range | 17" premium bead breaker | pedal inflation | TCX.PRO2 assistance column | WDK | Leverless | 230V

Article number: 1 692 401 005



## Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- Infinitely variable speed from 0 to 16 rpms

## Leverless demounting group

- No need for lever
- Reduced stress on tyre
- Safe demounting of difficult tyres
- Secured with strong spring-loaded 41mm hexagonal arm

## Robust mounting column and leverless tool

- Easy tilting via pedal
- Quick vertical and horizontal movement of arm
- Pneumatic locking

## Powerful bead breaker side shovel

- Activated via lever instead of pedal
- Ergonomic control without sidesteps
- Quick and effective loosening of the bead
- Up to 17" tyre width
- Three-way adjustable blade
- Anti-skid rubber pad protects tyre and rim

## Full control with three pedals and side inflation pedal

- Pedal control for rotation, column tilting, and clamping
- Removable pedal unit for easier maintenance
- Safety separator for rotation pedal
- Side inflation pedal

## High rigidity by design

- Full metal pedals
- Powerful 60x60mm horizontal arm
- Metal front cover
- Reinforced pole

## TCX.PRO2: premium assistance column with compact design to handle hard UHP, run flat and larger tyres

- Premium bead roller to push bead in drop center
- Premium travelling bead pusher arm to keep bead in drop center during rotation
- Independent height adjustment of all tools for more flexibility and control

WDK-approved Secure mounting and demounting of UHP and runflat tyres

## Upgrade options:

- Side lift
- Tubeless inflation kit
- Roller board

## Scope of deliveries:

- 5x front protection (leverless)
- 2x rear protection (leverless)
- 4x Clamping jaw protection
- WDK mounting clamp RFT/UHP
- WDK rim protector
- Bead breaker blade protection
- Brush
- Plastic lever
- 230V plug

Note: unit comes fully assembled



# Akimbo Mk1 | WDK

*Leverless center-post tyre changer | 10-30" working range | double bead roller discs | laser positioning | integrated wheel lift | pedal inflation | pneumatic assistance arm | 230V*

**Article number: 1 692 401 007**



## Leverless Demounting Group and Center Post Locking

- No contact with the rim
- Center hole clamping ensures firm grip of wheel
- Mechanical locking pin for high durability
- Optional clamping adapters for closed center rims

## Automatic Adjustment to Rim Size

- Radial positioning of tools and both bead breaker discs with rim size
- Guided by laser to prevent tools from damaging rims
- Infinitely variable from 10 to 30" rims
- Automatically moves leverless tool and both bead breaking discs out of working zone with press of a button

## Maximum Rigidity by Design

- Double column design prevents torsion and flexing during operation
- Rail-guided demounting tool and bead breaker discs for maximum stability
- Industrial components for high durability
- All tools controlled pneumatically, no Bowden cables

## Integrated Center Wheel Lift

- Lifts wheels directly onto center post
- No moving or lifting of heavy wheel
- Allows technician to stay on one side of the machine
- Automatically descends with release of pedal
- Supports wheels up to 80kg

## Pneumatic Bead Pushing Arm and Double Bead Breaker Discs

- Premium travelling bead pusher arm to keep bead in drop center during rotation

- Easier handling of UHP and runflat tyres
- Pusher arm mounted to column instead of tool arm to prevent tool movements when force is applied
- Bead breaker discs operated by two independent cylinders for more flexibility

## Clean and Intuitive Operating Console:

- Minimal buttons to reduce complexity
- Joystick for better control of leverless demounting tool
- Separate button for rim size adjustment
- Ergonomic height

## Upgrade Options:

- Tubeless inflation kit
- Bottom mounting tool for soft tyres

WDK-Approved: Secure mounting and demounting of UHP and runflat tyres

## Scope of deliveries:

- 3x upper protection leverless tool
- 2x lower protection leverless tool
- 2x rubber protection center post
- 1x pin for reversed wheels
- Brush
- Plastic lever
- 230V plug

## Premium Service

---



### **TC47L Pro2 | WDK**

Article number: 1 692 401 005



### **Akimbo Mk1 | WDK**

Article number: 1 692 401 007

# IMPORTANT NOTES

- Please notice: This list contains spare parts, too.
- Without instruction or assembly.
- Delivery ex works including packaging.

## VERSION 2025.07.03 – PRICES ON REQUEST

- Starting from now all previous lists will lose their validity.
- Please read our general terms and conditions in the latest version before ordering; to be found under [www.beissbarth.com](http://www.beissbarth.com).

### Beissbarth Automotive Testing Solutions GmbH

Friedrichshafener Str. 602  
82205 Gilching, Germany  
[sales@beissbarth.com](mailto:sales@beissbarth.com)  
[www.beissbarth.com](http://www.beissbarth.com)

Telefon: +49-(0)89-14901-0  
Telefax: +49-(0)89-14901-246

**Order number** 1 693 602 008 **Print norm** BB XXX / XX.XX.2020 DE · Subject to technical and program changes, errors excepted.

