

Dialogannahme

# TYRE CHANGERS

Version 2025.04.30 – Prices on request

# TC22

Automatic tilt-back tyre changer | 10-25" working range | 12" standard bead breaker | 400V

Article number: 1 692 401 000



## Square turntable with automatic centering jaws

- Clamping range from 10-25"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speed: 8 and 16 rpm
- Square shape for easier lever use

## Robust mounting column and head

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

## Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 12" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

## Full control with four pedals

- Pedal control for rotation, side shovel, column tilting, and clamping
- Removable pedal unit for easier maintenance

## High rigidity by design

- Full metal pedals
- Powerful 50x50mm horizontal arm
- Metal front cover

## Upgrade options:

- TCX.PRO assistance column
- Side lift

- Tubeless inflation kit
- Roller board

Note: unit comes with disassembled pole

## Scope of deliveries:

- 5x front head protection
- 2x rear head protection
- Inflation gun
- Standard lever
- Brush
- Power plug



# TC22 Pro | WDK

Automatic tilt-back tyre changer | 10-25" working range | 12" standard bead breaker | TCX.PRO assistance column | WDK | 400V

Article number: 1 692 401 001



## Square turntable with automatic centering jaws

- Clamping range from 10-25"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speeds: 8 & 16 rpm
- Square shape for easier lever use

## Robust mounting column and head

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

## Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 12" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

## Full control with four pedals

- Pedal control for rotation, side shovel, column tilting, and clamping
- Removable pedal unit for easier maintenance

## High rigidity by design

- Full metal pedals
- Powerful 50x50mm horizontal arm
- Metal front cover

## TCX.PRO: entry-level assistance column fully equipped to handle hard UHP and run flat tyres

- Bead roller to push bead in drop center

- Travelling bead pusher arm to keep bead in drop center during rotation
- Bottom disc roller to easily demount heavy, stiff, or wide tyres
- Rim pressing cone to simplify external clamping on low-profile tyres
- Simultaneous height adjustment of all tools

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 head protection
- 2x rear head protection
- Inflation gun
- WDK lever
- WDK mounting clamp RFT/UHP
- WDK rim protector
- Rim protection for lever
- Bead breaker blade protection
- Brush
- 400V plug

Note: unit comes fully assembled

# TC850 HD

Truck tyre changer | 14-30" rim size | 850mm rim width | 1200kg | 400V

**Article number: 1 692 401 008**



The TC850 HD: The Ultimate Heavy-Duty Truck Tyre Changer  
Self-Centering Chuck

- Four powerful jaws ensure perfect locking on rims of all shapes and profiles
- Rotates clockwise and anti-clockwise at 7rpm
- Opens and closes hydraulically with adjustable pressure
- Three grip zones, six different possibilities for clamping the rim

Powerful Mounting and Demounting Tool Arm

- Manual adjustment of the tool inclination and direction
- Simply rotate tool to switch between bead breaking roller and bead extraction
- Quick and manual movement of the tool arm closer to or further away from the wheel
- Get the tool arm completely out of the way with one simple move for better access to the wheel
- Powerful bead breaker with 25,000N force in & out

Robust and Intuitive Cable Remote

- Joystick 1 (up & down): Wheel up and wheel down
- Joystick 1 (left and right): Movement of tool carriage
- Joystick 2: Open and close jaws
- Left pedal: rotate anti-clockwise
- Right pedal: rotate clockwise
- Freely movable inside complete working area

Superior Versatility

- Effortlessly handles rims up to 30" diameter
- Covers wheels up to 1640mm in diameter and 850mm in width
- Built to handle weights up to 1200kg

Note: For maximum safety, holes for floor fixation are pre-drilled

in the factory by default.

Scope of deliveries:

- Truck mounting lever
- Rim clamp
- 5,3m cable
- 400V plug

# TC1150 HD

Truck tyre changer | 14-42" rim size | extendable up to 56" | 1150mm rim width | 2000kg | 400V

**Article number: 1 692 401 009**



The TC1150 HD: The ultimate heavy-duty truck tyre changer Self-centering chuck

- Four powerful jaws ensure perfect locking on rims of all shapes and profiles
- Rotates clockwise and anti-clockwise at 4.5 to 9 rpm
- Opens and closes hydraulically with adjustable pressure
- Five grip zones, six different possibilities for clamping the rim

Powerful mounting and demounting tool arm

- Manual adjustment of the tool inclination and direction
- Simply rotate tool to switch between bead breaking roller and bead extraction
- Quick and manual movement of the tool arm closer to or further away from the wheel
- Get the tool arm completely out of the way with one simple move for better access to the wheel
- Powerful bead breaker with 25,000N force in & out

Robust and intuitive cable remote

- Joystick 1 (up & down): Wheel up and wheel down
- Joystick 1 (left and right): Movement of tool carriage
- Joystick 2: Open and close jaws
- Left pedal: rotate anti-clockwise
- Right pedal: rotate clockwise
- Freely movable inside complete working area

Superior versatility

- Effortlessly handles rims up to 42" diameter, extendable up to 56"
- Covers wheels up to 2300mm in diameter and 1150mm in width
- Built to handle weights up to 2000kg

Note: For maximum safety, holes for floor fixation are pre-drilled in the factory by default.

Scope of deliveries:

- Truck mounting lever
- Rim clamp
- 5,3m cable
- 400V plug

# 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

# TC47L Pro3 | WDK

Leverless table-top tyre changer | 10-27" working range | 17" premium bead breaker | pedal inflation | TCX.PRO3 assistance column | WDK | Leverless | 230V

Article number: 1 692 401 006



## 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.PRO3: Reinforced assistance column with multiple tools 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
- Premium rim pressing cone to simplify external clamping on low-profile tyres
- Secondary 90° bead pressing roller for additional support on upper or lower bead
- Pneumatic locking to keep tools in place
- 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

# 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



# TC45

Automatic tilt-back tyre changer | 10-27" working range | 15" standard bead breaker | pedal inflation | 400V

Article number: 1 692 401 002



## Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speeds: 8 & 16 rpm
- Square shape for easier lever use

## Robust mounting column and head

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

## Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 15" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

## Full control with four pedals plus side inflation pedal

- Pedal control for rotation, side shovel, 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 50x50mm horizontal arm
- Metal front cover

## Upgrade options:

- TCX.PRO, PRO2 or PRO3 assistance column
- Side lift
- Tubeless inflation kit
- Roller board

## Scope of deliveries:

- 5x front head protection
- 2x rear head protection
- Standard lever
- Brush
- 400V plug

Note: unit comes with disassembled pole

# TC45 | TI Version

Automatic tilt-back tyre changer | 10-27" working range | 15" standard bead breaker | jaw inflation technology | 400V

Article number: 1 692 401 011



## Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speeds: 8 & 16 rpm
- Square shape for easier lever use

## Robust mounting column and head

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

## Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 15" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

## Full control with four pedals plus side inflation pedal

- Pedal control for rotation, side shovel, 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 50x50mm horizontal arm
- Metal front cover

## TI: Tire inflation via claws

- Fast and secure gripping of the bead on the rim
- Both hands free during inflation and bead seating
- Minimizes the risk of air leaks or tire bursts
- Easy tire inflation via claws
- 18-liter air tank

## Upgrade options:

- TCX.PRO, PRO2 or PRO3 assistance column
- Side lift
- Tubeless inflation kit
- Roller board

## Scope of deliveries:

- 5x front head protection
- 2x rear head protection
- Standard lever
- Brush
- 400V plug

Note: unit comes with disassembled pole

## TC45 | TI Version

Automatic tilt-back tyre changer | 10-27" working range | 15" standard bead breaker | jaw inflation technology | 50-60Hz | 1 Speed

**Article number: 1 692 401 013**



### Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- One rotation speed: 7,5 rpm
- Square shape for easier lever use

### Robust mounting column and head

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

### Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 15" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

### Full control with four pedals plus side inflation pedal

- Pedal control for rotation, side shovel, 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 50x50mm horizontal arm
- Metal front cover

### TI: Tire inflation via claws

- Fast and secure gripping of the bead on the rim
- Both hands free during inflation and bead seating
- Minimizes the risk of air leaks or tire bursts
- Easy tire inflation via claws
- 18-liter air tank

### Upgrade options:

- TCX.PRO, PRO2 or PRO3 assistance column
- Side lift
- Tubeless inflation kit
- Roller board

### Scope of deliveries:

- 5x front head protection
- 2x rear head protection
- Standard lever
- Brush
- Plug

Note: unit comes with disassembled pole

## TC45 Pro2 | WDK

Automatic tilt-back tyre changer | 10-27" working range | 15" premium bead breaker | pedal inflation | TCX.PRO2 assistance column | WDK | 400V

Article number: 1 692 401 004



### Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speeds: 8 & 16 rpm
- Square shape for easier lever use

Robust mounting column and head

- 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 15" 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 50x50mm horizontal arm
- Metal front cover

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 head protection
- 2x rear head protection
- 4x jaw protection
- WDK lever
- WDK mounting clamp RFT/UHP
- WDK rim protector
- Rim protection for lever
- Bead breaker blade protection
- Brush
- 400V plug

Note: unit comes fully assembled



# TC45 Pro | WDK

Automatic tilt-back tyre changer | 10-27" working range | 15" standard bead breaker | pedal inflation | TCX.PRO assistance column | WDK | 400V

Article number: 1 692 401 003



## Square turntable with automatic centering jaws

- Clamping range from 10-27"
- Double 80mm cylinders for maximum clamping power
- 2 rotation speeds: 8 & 16 rpm
- Square shape for easier lever use

## Robust mounting column and head

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

## Powerful bead breaker side shovel

- Quick and effective loosening of the bead
- Up to 15" tyre width
- Three-way adjustable blade
- Controlled via pedal
- Anti-skid rubber pad protects tyre and rim

## Full control with four pedals

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

## High rigidity by design

- Full metal pedals
- Powerful 50x50mm horizontal arm
- Metal front cover

**TCX.PRO: entry-level assistance column fully equipped to handle hard UHP and run flat tyres**

- Bead roller to push bead in drop center
- Travelling bead pusher arm to keep bead in drop center during rotation
- Bottom disc roller to easily demount heavy, stiff, or wide tyres
- Rim pressing cone to simplify external clamping on low-profile tyres
- Simultaneous height adjustment of all tools

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 head protection
- 2x rear head protection
- 4x jaw protections
- WDK lever
- WDK mounting clamp RFT/UHP
- WDK rim protector
- Rim protection for lever
- Bead breaker blade protection
- Brush
- 400V plug

Note: unit comes fully assembled

## Standard Service

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**TC22**

Article number: 1 692 401 000

**TC22 Pro | WDK**

Article number: 1 692 401 001

## High Volume

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**TC45**

Article number: 1 692 401 002

**TC45 | TI Version**

Article number: 1 692 401 011

**TC45 | TI Version**

Article number: 1 692 401 013

**TC45 Pro2 | WDK**

Article number: 1 692 401 004

**TC45 Pro | WDK**

Article number: 1 692 401 003

## Premium Service

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**TC47L Pro2 | WDK**

Article number: 1 692 401 005

**TC47L Pro3 | WDK**

Article number: 1 692 401 006

**Akimbo Mk1 | WDK**

Article number: 1 692 401 007

## Truck

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**TC850 HD**

Article number: 1 692 401 008

**TC1150 HD**

Article number: 1 692 401 009

**Inflation Cage | for truck tyres**

Article number: 1 692 402 000

# IMPORTANT NOTES

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

## VERSION 2025.04.30 – 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).

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