



PREMIUM SERVICE

AKIMBO MK2 | WDK

Leverless center-post tyre changer | 10-33" working range | double bead roller discs | laser positioning | integrated wheel lift
| pedal inflation | pneumatic assistance arm | including BeadLock Pro | 230V

Article number: 1 692 401 015

Description

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 33" 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

BeadLock Pro included:

- Prevents hard tyres from rotating on the rim
- Protects TPMS sensors during mounting phase.

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:

- 1x BeadLock Pro
- 3x upper protection leverless tool
- 2x lower protection leverless tool
- 2x rubber protection center post
- 1x pin for reversed wheels
- 1x Brush
- 1x Plastic lever
- 1x WDK RFT/UHP bead clamp
- 230V plug

Technical Data

Max. wheel diameter	47" 1200mm
Bead breaker force	12000 N
Operating pressure	8 - 10 bar
Max. rim diameter	33 "
Max. wheel width	15" 380mm
Max. wheel weight	80 kg
Length	2000 mm
Height	1950 mm
Width	1300 mm
Power supply	230V 1Ph 50-60Hz
Motor power	1,5 kW
Min. rim diameter	10 "
Space requirement width	1502 mm
Rotation speed	0 - 18 rpm
Number of mounting speeds	stufenlos
Clamping device design	central
Mounting head design	Without tire lever
wdk certification	Standard
Tyre inflation	Foot control

Accessories

1 692 402 163	Quick inflation system for Akimbo Mk1
1 692 402 215	Spacer for light trucks
1 692 402 214	Rubber protection for center clamping
1 692 402 213	Cone for light trucks
1 692 402 024	Flange for reverse-mounting rims and without central hole

1 692 402 003	BeadLock Pro with extension
1 692 402 031	Bead clamp
1 692 402 177	Protection for lower mounting tool 1 pc. Akimbo
1 692 402 216	Lower mounting tool Akimbo
1 692 402 173	Upper protection for mounting tool 1 pc. Akimbo
1 692 402 174	Lower protection for mounting tool 1 pc. Akimbo
1 692 402 166	Extension for drive pin Akimbo
1 692 402 183	Protection for drive pin extension Akimbo