



## 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

## 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 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

### Technical Data

Max. wheel diameter	47"   1200mm
Bead breaker force	12000 N
Operating pressure	8 - 10 bar
Max. rim diameter	30 "
Max. wheel width	15"   380mm
Max. wheel weight	80 kg
Length	1926 mm
Height	2043 mm
Width	1309 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
Packaging length	1050 mm
Packaging width	1200 mm
Packaging height	2100 mm
Gross weight	621 kg
Number of mounting speeds	stufenlos
Clamping device design	central
Mounting head design	Without tire lever
Tyre inflation	Foot control
Units per 20ft container	4 Piece(s)
Units per 40ft container	10 Piece(s)

### 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