



High performance center post Leverless tire changer with patented space-saving Par-Move tower

Leverless center post tire changer with patented space-saving Par-Move tower. High-performance automatic tire changer recommended for top professional tire specialists, servicing run flat and UHP tires with no tool/rim contact. Reinforced chassis, robust fixed vertical tower and innovative parallelogram operating arm.

Description

Leverless tire changer for wheels with rim from 12" to 30" (max. wheel diameter 1200 mm./47", max. wheel width 406mm./16"). High-performance automatic center post tire changer **recommended for top professional tire specialists, servicing run flat and UHP tires with no tool/rim contact.**

Reinforced chassis, robust fixed vertical tower and innovative parallelogram operating arm [PAR-MOVE](#) (Giuliano Patent). This new state of the art technology allows to save space in your workshop, installing the tire changer against the wall and requiring no additional rear space. It also grants extreme powerful rigidity of the operating parts, through advanced ergonomic design, helping to handle different types of tires in the easiest and most effortless way.

The machine is equipped with Giuliano Lever-No Lever technology covered by exclusive international patent, allows the operator to handle many different types of tires in an extremely professional way, either with or without a bead lifting lever.

Equipped with SMART LOCK (Giuliano Patent), the quickest and safest manual wheel locking device in the world, B1 PLUS bead pressing arm, with self-storing mechanism (Giuliano Patent), and Lever-No-Lever tire fitting device (Giuliano Patent), to work in both Lever and No-Lever mode.

Advanced high-performance design allows to handle different types of tires easily and without efforts:

- **Par-Move Concept:** A new working concept being the distinctive feature of the entire PAR-MOVE series. Reinforced chassis and new robust fixed vertical tower with innovative parallelogram operating arm grant much higher rigidity than in any conventional tilt back model. The new design makes the new machines extremely robust and stiff, granting increased rigidity and eliminating all flexes.
- **Space Saver:** Thanks to articulated parallelogram movement of the operating arm, the new Giuliano machines do not require any additional rear and side space, as with conventional tilt back models, and can be installed in a working space perfectly fitting their actual overall dimensions.
- **Lever - No Lever technology:** is the only system that combines the advantages of "leverless" device to those of a standard mount/demount tool. Basically, you have two tire changers in one: leverless and traditional !
- **Smart Lock:** ultra-quick wheel clamping system (the fastest wheel clamping system in the world !!). Thanks to the "expanding nut" you just need a 90° movement on the knob after sliding the shaft into the center hole, to have a complete, safe and reliable wheel clamping on your spindle chuck, with no need of tricky hooking.
- **Center Driven Concept:** Bead breaker disks are slightly but purposely misaligned with the rim center for a better and faster penetration and immediate bead loosening.
- **BP1 Plus:** pneumatic bead pressing arm makes mounting/demounting operations on the second bead of ultra-low profile tires much easier. As a plus, it automatically returns to its rest position at the end of the procedure, with no need for the operator to change his working position.

5-YEAR WARRANTY on the core parts of our tire changers.

Functions

- Robust fixed vertical tower with innovative **PAR-MOVE** parallelogram operating arm [**Giuliano Patent**].
- Double arm/disk air operated bead breaker system.
- Bead breaker disks are slightly but purposely misaligned with the rim center for a better and faster penetration and immediate bead loosening, **Center Driven Concept** [**Giuliano Patent**].
- Reinforced Chassis. Fixed vertical tower and parallelogram operating arm makes S121 extremely robust and stiff, granting increased rigidity and eliminating all flexes.
- Operated by pedal and control console.
- **Patented SMART LOCK** ultra-quick wheel clamping system, through cone and shaft with Smart Lock nut.
- Equipped with **Lever - No Lever** tire mounting/demounting system [**Giuliano Patent**] with combined option through patented Lever No Lever device.
- Double rotation speed by pedal (motoinverter).
- Tire inflation by pedal (standard).
- Equipped with **BP1 Plus** bead pressing arm (standard), complete with self-storage function [**Giuliano Patent**].

- Equipped with Tools Storage Box (standard).
- Suitable for Wheel Lifter and tubeless tire bead seating system (optional).
- **5 YEAR WARRANTY** ON GEARBOX and PAR-MOVE.
- Designed, built and engineered in Italy.
- "Right to repair" - all service parts available for at least 10 years since production, easy maintenance and reduced environmental impact.

Giuliano Industrial S.p.A.

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Standard Features

| | |
|--|---|
| Rim clamping range | 12" - 30" |
| Max. tire diameter | 1200 mm (47") |
| Max. tire width | 406 mm (16") <small>For reverse mounted wheels, variable according to rim features</small> |
| Bead loosener cylinder force at 10 Bar | 11770 N (1200 Kg) |
| Max. wheel weight | 80 Kg |
| Operating pressure | 8-10 bar (116-145 Psi) |
| Power supply | 220V - 1ph |
| Motor power | 0,75 kW / 2 speed |
| Balancing speed | 7-16 rpm |
| Pre-set tire inflating pressure | 3,5 bar (50 Psi) |
| Net weight | 365 Kg |
| Dimensions (WxDxH) | 1120-1690 x 1280 x 1770-2200 mm |



Plastic tire lever. To be used during tire demounting in accordance with the WDK procedure.



Plastic protections for mounting/demounting tool



Rubber protections for clamping chuck



Plastic protections for Smart Lock centering cone



Plastic protections for clamping chuck driving pin



Plastic cone Ø 70 mm for clamping special alloy rims



Reduction ring for clamping chuck. To be used to fit particular alloy rims



Plastic bead pressing clamp with extra insert for rim edge with special inclination. To be used together with rubber protections for mounting UHP and RUNFLAT tyre according to WDK rules.



Rubber protector for steel rims. (marked with •)



Rubber protector for aluminium rims (marked with ••)



Rubber protector for aluminium rims with arched spokes. (marked with •••)



Adjustment knob for SMART LOCK



Cleaning brush for SMART LOCK and clamping chuck inner surface



Air lubricator, air filter/water trap



O rings for SMART LOCK



LB (9216805)
Lube paste bucket, 5 kg.



Brush



Work gloves



BP1 PLUS (9242442)
Bead pressing arm, complete with selfstorage function, **GIULIANO patent.**



BOX 120 (9242982)
Tools Storage Box



BP1 PLUS (9242442)
Bead pressing arm, complete with selfstorage function, **GIULIANO patent**.



Lever NoLever (STD_LNL)
LeverNoLever tire mounting/demounting device, GIULIANO patent, can work either with or without a bead lifting lever, so you can decide which is the most effortless way to operate on specific tire applications.



Bead lifting lever



QX-AD (9232767)
QX, QX Plus adjusting tool and **LeverNoLever** System



FRR QUICK (9241446)

The new FRR QUICK wheel clamping adaptor has been designed by Giuliano engineers in order to ensure the safest, fastest, easiest and most effortless way to clamp reverse mounted wheels and plastic clad rims onto the standard clamping chuck. Reverse/clad...



LTK5 (9234456)

Double face cone for light trucks, allows clamping VANs and LCVs wheels with center hole diameter from 75 to 145 mm.



9219117

Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.



LTK6 (9233680)

Cone for steel rims with low thickness and center hole diameter from 75 to 120 mm



SPK 2 (Porsche) (9239459)

NYLON CONE FOR SPECIAL PORSCHE WHEELS, allows clamping wheels with center hole diameter from 60 to 85 mm.



G-CLAMP (9217471)

G-CLAMP Set. Helps adding extra bead-pressure points on top bead while assembling it. Kit includes 2 regular and 2 extra-size G-clamps.



T1 (9217472)

Kit of 4 rubber protections for steel rims.



T2 (9217473)

Kit of 4 rubber protections for aluminium rims.



T3 (9217474)

Kit of 4 rubber protectors for aluminium rims with arched spokes.



LB (9216805)

Lube paste bucket, 5 kg.



P-Bar (9234455)

Plastic tire lever for soft tires removing operations. To be used during tire demounting in accordance with the WDK procedure.



CPP 2 (9233318)

Kit of 10 ABS protections for cone.



FPP 1 (9234454)

Kit of 10 rubber protections for clamping chuck faceplate



GUN 4 (9235561)

Tubeless inflation external kit



WL 4 (9245945)

Pneumatic wheel positioner.



HD (9208633)

Manual bead depressor.



PAD (9237711)

Manual bead depressor with extendable travelling pad.



UHP3 (9240577)

Kit Run Flat UHP



9244327
Wheel clamping kit for FRR QUICK wheel clamping adaptor, allows clamping wheels with no center hole.



TPP 4 (9234452)
Kit of 10 rear plastic protections, for **QX**, **QX Plus** and **LeverNoLever** System



TPP 5 (9234453)
Kit of 10 front plastic protections, for **QX** and **QX Plus** and **LeverNoLever** System



CPC (9214251)
Pressing cone for clamping RUN FLAT tires from outside.



LTK2 (9247902)
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 190 to 220 mm.



LTK3 (9247900)
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.



FRB (9224675)
FRB is a special wheel centering kit, developed to easily and quickly clamp BMW wheels on Giuliano center post tyre changer, as required by BMW. BMW, particularly attentive to the stability of the clamping and the protection of rims and tyres, requires...



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