



Super-automatic center post leverless tyre changer with bead breaker disks

Super-automatic center post leverless tyre changer with double bead breaker arm, recommended for top professional tyre specialists, servicing run flat and UHP tyres with no tool/rim contact. Ergonomic and user-friendly, thanks to pneumatic control systems it can be used with just one hand!

Description

Crossage EVO Plus is the **third generation** of Crossage tyre changer, which along these years has been **awarded 2 times** the prestigious "Top 20 Tools" award (in 2011 and 2013).

Improving a product considered as a **benchmark** in its market segment, has never been easy, but Giuliano succeeded in giving a "plus" (and not just the new name) thanks to the introduction of the new patented and exclusive QX Plus, BP1 Plus and Center Driver Concept technologies !

QX Plus is the only system that combines the advantages of "leverless" device to those of a standard mount/demount tool. QX can be quickly and easily turned into a traditional mount/demount tool by pressing a switch. Basically, you have two tyre changers in one: leverless and traditional !

You decide which one is the fastest, easiest or most effortless way to operate on a specific tyre applications: the machine will adapt to your operation.

BP1 Plus is a powerful pneumatic bead pressing system, facilitating mounting/demounting operations of UHP and run-flat tyres; and "Plus", at the end of the mounting procedure, it lifts up automatically, releasing the pressure on the bead and stowing itself in "rest" position, with no need for the operator to change his working position.

The arc movement of the bead breaker disks allows the disks to work purposely in misaligned position with the center hole of the rim (**Center Driven Concept**), thereby ensuring a better and faster penetration of the disks towards the center of the rim during the normal clockwise rotation and reducing the bead breaking time at a single turn.

Ergonomic and user-friendly, thanks to pneumatic control systems it can be used with just one hand!

Crossage EVO Plus tyre changer is suitable for fitting/removing all kinds of passenger car tyres from 12" to 34" (max. wheel diam. 1200 mm./47", max. wheel width 406 mm./16") and it is recommended for top professional tyre specialists, servicing run flat and UHP tyres with **no tool/rim contact**.

Functions

- 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 and Tower.
- Operated by pedal and control console.
- **Patented SMART LOCK** ultra-quick wheel clamping system, through cone and shaft with **Smart Lock** nut.
- Equipped with **QX PLUS** mount/demount system, Giuliano **Patent**, with combined option through patented Lever – No Lever device.
- Double rotation speed by pedal (motoinverter).
- MOTOINVERTER for granting faster, more accurate and reliable drive for your tyre changer machine.
- Tyre inflation by pedal (standard).
- Equipped with **BP1 Plus** bead pressing arm (standard), complete with self-storage function, Giuliano patent.
- **QuadraLock** system for total stiff locking of horizontal and operating arm.
- **5 YEARS WARRANTY** on "Made in Giuliano" gearbox.
- Suitable for Tubeless tyre bead seating system (optional).
- "Easy Access" extractable pedal box for quick service.
- Two disks for safe and fast bead breaking, perfect also for match-mounting and "seating" of the bead in its position.
- A very practical Wheel Lifter reduces effort and increases productivity (optional).
- 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.

Standard Features

Rim clamping range	12" - 34"
Max. tyre diameter	1200 mm (47")
Max. tyre width	406 mm (16") <small>For reverse mounted wheels, variable according to rim features</small>
Bead breaker cylinder force at 10 Bar	12037 N
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 tyre inflating pressure	3,5 bar (50 Psi)
Net weight	395 Kg
Dimensions (WxDxH)	1980 x 1880 x 2300 mm



QX Plus (QX Plus)

Our QX Plus, a unique and patented Giuliano system, makes Crossage Evo Plus the only machine available on the market, which can work in an extremely professional way, either with or without a bead lifting lever. By means of a control switch, the "No...

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



Bead lifting lever



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**.



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...

9219117

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



9244327

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

LTK5 (9234456)

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

**LTK6** (9233680)

Cone for steel rims with low thickness and center hole diameter from 75 to 120 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 tyre lever for soft tyres removing operations. To be used during tyre demounting in accordance with the WDK procedure.

**FPP 1** (9234454)

Kit of 10 rubber protections for clamping chuck faceplate

**WL 4** (9245945)

Pneumatic wheel positioner.

**GUN 3** (9241008)

Tubeless inflation external kit.

**UHP3** (9240577)

Kit Run Flat UHP

**SPK 1 (Lamborghini)** (9241383)

NYLON CONE FOR SPECIAL LAMBORGHINI WHEELS, allows clamping wheels with center hole diameter from 55 to 85 mm.

**SPK 2 (Porsche)** (9239459)

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

**SPK 3 (BMW)** (9241717)

NYLON CONE FOR SPECIAL BMW WHEELS, allows clamping wheels with center hole diameter from 55 to 70 mm.

**CPP 2** (9233318)

Kit of 10 ABS protections for cone.

**PAD** (9237711)

Manual bead depressor with extendable travelling pad.



**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**, **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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