



Super-automatic air operated touchless leverless tyre changer

Super-automatic air operated touchless leverless tyre changer suitable for passenger car tyres with rims 12"-28" (max. wheel diam. 1200 mm./47", max. wheel width 406 mm./16"). Equipped with ultra-quick wheel clamping system. For top professional tyre specialists, servicing run flat and UHP tyres, with no tool/rim contact.

Main Features



Car  
Suitable for car wheels



LeVerLess  
Allows tyre mounting/demounting operations without use of classic conventional tyre lever, making the operations more practical, easy, intuitive and without any stress for the operator.



Touchless  
No Contact



12"-28"  
Allows to operate with tyre assemblies from 12" to 28".



Smart Lock  
SMART LOCK is the fastest manual wheel clamping system on spindle chuck in the world. Thanks to the "expanding nut" (GIULIANO exclusive patent), you just need a 90° movement on the knob after dropping the shaft into...



Joystick  
Allows to move the tool with maximum simplicity and accuracy.



Roller Bead Breaking  
Bead breaking by disks, without contact with the rim, works with tyre assembly in horizontal position



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



XTool  
Touchless Leverless tyre demount tool, as it works in no contact with the rim ! Extremely user friendly, fast and safe. Giuliano patent



Bead Pressing Arm Plus  
BP1 Plus pneumatic bead pressing arm (GIULIANO patent) lifts up automatically at the end of the mounting procedure, and moves back in rest position, with no need for the operator to change his working position.



Two speed chuck  
Two speed hydraulic chuck, allows to adjust rotation speed in accordance with the type of operation to perform, ensures work efficiency and safety.



## Description

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Super-automatic air operated touchless leverless tyre changer suitable for passenger car tyres with rims 12"-28" (max. wheel diam. 1200 mm./47", max. wheel width 406 mm./16").

## 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);
- Synchronized movement of Mount and Demount tools, through Twin Lasers System setting and adjustment;
- Double rotation speed by pedal and motoinverter;
- Patented SMART LOCK ultra-quick wheel clamping system, through cone and shaft with Smart Lock nut;
- XTool touchless leverless tyre demount device (Giuliano Patent);
- Wheel positioning through motorized clamping chuck and laser pointers (Patent pending);
- Tyre inflation by pedal (standard);
- Operated by pedal and control console with joysticks;
- Equipped with BP1 Plus bead pressing arm (standard), complete with self-storage function (GIULIANO patent);
- Suitable for Wheel Lifter and tubeless tyre bead seating system (optional).

## Standard Features

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Rim clamping range	12" - 28"
Max. tyre diameter	1200 mm (47")
Max. tyre width	406 mm (16") <small>For reverse mounted wheels, variable according to rim features</small>
Max. wheel weight	80 Kg
Bead breaker force at 10 bar	12037 N (1227 Kg)
Operating pressure	8-10 bar (116-145 Psi)
Power supply	230V - 1Ph - 50/60Hz
Motor power	0,75 kW / 2 speed
Rotating speed	7-16 rpm
Pre-set tyre inflating pressure	3,5 bar (50 Psi)
Net weight	561 Kg



Standard accessories



**FRR QUICK (9241446)**  
Wheel clamping adaptor for reverse mounted and plastic clad wheels on center post tyre changer. Standard supplied with measuring caliper and two kits of pins (6 pins 70mm length; 6 pins 100mm length).



**LTK3 (9219117)**  
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.



**LTK4 (9219126)**  
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 140 to 220 mm.



**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.



**T2 (9217473)**  
Kit of 4 rubber protections for aluminium rims.



**T3 (9217474)**  
Kit of 4 rubber protectors for aluminium rims with arched spokes.



**T1 (9217472)**  
Kit of 4 rubber protections for steel rims.



**P-Bar (9234455)**  
Plastic tyre lever for soft tyres removing operations. To be used during tyre 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



**LB (9216805)**  
Lube paste bucket, 1 kg.



**HD (9208633)**  
Manual bead depressor.



**PAD (9237711)**  
Manual bead depressor with extendable travelling pad.



**UHP5 (9240578)**  
Kit Run Flat UHP



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