

Super-automatic electric no contact leverless tire changer

Contactless tire changer works with a totally electric-mechanic system, suitable for fitting/removing all kinds of passenger car and LCV tyres. Fully automatic no contact leverless tire changer 12" - 30" for top professional tire specialists, servicing run flat and UHP tyres with no tool / rim contact.

Description

XBoss super-automatic no contact leverless tire changer represents a further significant step of tire changers' evolution. It's based on patented **SA FAST** system (SAfe on wheel FAST on work) and embodies the best of Giuliano technologies.
Designed with these guidelines, the new XBoss tire-changer offers a unique, incredibly advanced and most innovative Giuliano experience yet: it's enough just to set tire position before starting operations by means of two laser pointers (**Twin Lasers**). Once position is set, all functions are automatic in sequence, thanks to our **TriTool** system consisting of three independent mounting/demounting tools.
Equipped with **XTool**, a real no contact leverless tire demount device (Giuliano exclusive patent). No matter which kind of tire you are working with, thanks to XTool the procedure is always the same with conventional, run-flat, or "extreme" UHP low profiled tires.
All working tools and devices are powered by **motoinverter** system, extremely precise, and powerful.
The arc movement of the bead loosener 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.
XBoss tire-changer is suitable for fitting/removing all kinds of passenger car and LCV tires from 12" to 30" (max. wheel diam. 1200 mm./47", max. wheel width 406 mm./16") and it is recommended for top professional tire specialists, servicing run flat and UHP tires with no tool/rim contact.

Functions

- Double arm/disk bead breaker system, powered by motoinverter;
- Bead loosener 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**);
- Equipped with **TriTool** system, syncronized tool movements for both mounting and demounting (**patent** pending);
- Double rotation speed by pedal and motoinverter;
- **Patented SMART LOCK** ultra-quick wheel clamping system, through cone and shaft with **Smart Lock** nut;
- All movements powered by motoinverter;
- **XTool** no contact leverless tire demount device (Giuliano **patent**);
- Wheel positioning through motorized clamping chuck and laser pointers (**patent** pending);
- Tire 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**);
- Equipped with Lifter (standard);
- Suitable for Tubeless tire bead seating system (optional).

WDK: Version available upon request

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Standard Features

Rim clamping range	12" - 30"
Max. tire diameter	1200 mm (47")
Max. tire width	406 mm (16") For reverse mounted wheels, variable according to rim features
Max. wheel weight	80 Kg For reverse mounted wheels, variable according to rim features
Bead loosener force	6860 N (700 Kg) For reverse mounted wheels, variable according to rim features
Operating pressure	8-10 bar (116-145 Psi) For reverse mounted wheels, variable according to rim features
Power supply	220V - 1ph For reverse mounted wheels, variable according to rim features
Motors power	0,75 kW / 2 speed For reverse mounted wheels, variable according to rim features
Balancing speed	7 - 16 rpm For reverse mounted wheels, variable according to rim features
Pre-set tire inflating pressure	3,5 bar (50 Psi) For reverse mounted wheels, variable according to rim features
Net weight	640 Kg For reverse mounted wheels, variable according to rim features
Dimensions (WxDxH)	1800 x 1850 x 1750 mm For reverse mounted wheels, variable according to rim features

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WL 4 (9240910)
Pneumatic wheel positioner.



Protect your wheels with high-quality rubber protections for clamping chuck flanges, designed to prevent damage when working with reverse rims. This 2-piece set ensures a secure and scratch-free grip during tire-changing operations, extending the lifespan...



Plastic cone Ø 70 mm for clamping special alloy rims



Rubber protector for steel rims. (marked with •)



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



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.



Cleaning brush for SMART LOCK and clamping chuck inner surface



Brush



TPP 3 (9240644)
Kit of nylon protectors for mounting/demounting tool



Plastic protections for Smart Lock centering cone



Plastic protections for clamping chuck driving pin

Important: Accessory Usage WARNING!
The accessory MUST NOT be used in **AUTOMATIC CYCLE** mode, where the machine...



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



Rubber protector for aluminium rims (marked with ••)



Adjustment knob for SMART LOCK



Air lubricator, air filter/water trap



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



LB (9216805)
Lube paste bucket, 5 kg.



Work gloves

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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.



LTK6 (9233680)
Cone for steel rims with low thickness and center hole diameter from 75 to 120 mm



TPP 3 (9240644)
Kit of nylon protectors for mounting/demounting tool



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

LB (9216805)
Lube paste bucket, 5 kg.



CPP 2 (9233318)
Kit of 10 ABS protections for cone.



GUN 2 (9242246)
Tubeless inflation external kit.



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



SPK 1 (Lamborghini) (9241383)
NYLON CONE FOR SPECIAL LAMBORGHINI WHEELS, allows clamping wheels with center hole diameter from 55 to 85 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.



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.



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



P-Bar (9234455)
Plastic tire lever for soft tires removing operations. To be used during tire demounting in accordance with the WDK procedure.



FPP 1 (9234454)
Kit of 10 rubber protections for clamping chuck faceplate



HD (9208633)
Manual bead depressor.



UHP5 (9240578)
Kit Run Flat UHP



SPK 2 (Porsche) (9239459)
NYLON CONE FOR SPECIAL PORSCHE WHEELS, allows clamping wheels with center hole diameter from 60 to 85 mm.

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SPK 3 (BMW) (9241717)
NYLON CONE FOR SPECIAL BMW WHEELS, allows clamping wheels with center hole diameter from 55 to 70 mm.



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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