



### Super-automatic electric no contact leverless tyre changer

Contactless tyre 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 tyre changer 12" - 30" recommended for top professional tyre specialists, servicing run flat and UHP tyres with no tool / rim contact.

#### Description

**XBoss** super-automatic no contact leverless tyre changer represents a further significant step of tyre 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 tyre changer offers a unique, incredibly advanced and most innovative Giuliano experience yet: it's enough just to set tyre 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 tyre demount device (Giuliano exclusive patent). No matter which kind of tyre you are working with, thanks to XTool the procedure is always the same with conventional, run-flat, or "extreme" UHP low profiled tyres.

All working tools and devices are powered by **motoinverter** system, extremely precise, and powerful.

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.

XBoss tyre changer is suitable for fitting/removing all kinds of passenger car and LCV tyres from 12" to 30" (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 bead breaker system, powered by motoinverter;
- 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**);
- Equipped with **TriTool** system, synchronized 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 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**);
- Equipped with Lifter (standard);
- Suitable for Tubeless tyre bead seating system (optional).

WDK: Version available upon request

**Giuliano Industrial S.p.A.**

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## Standard Features

Rim clamping range	12" - 30"
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	6860 N (700 Kg)
Operating pressure	8-10 bar (116-145 Psi)
Power supply	220V - 1ph
Motors power	0,75 kW / 2 speed
Balancing speed	7 - 16 rpm
Pre-set tyre inflating pressure	3,5 bar (50 Psi)
Net weight	640 Kg
Dimensions (WxDxH)	1800 x 1850 x 1750 mm



**WL 4** (9240910)  
Pneumatic wheel positioner.



Plastic protections for Smart Lock centering cone



Rubber protections for clamping chuck



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



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



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.



Air lubricator, air filter/water trap



Cleaning brush for SMART LOCK and clamping chuck inner surface



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



Brush



**LB** (9216805)  
Lube paste bucket, 5 kg.



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



Work gloves



**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.



**TPP 3** (9240644)

Kit of nylon protectors for mounting/demounting tool



**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.



**CPP 2** (9233318)

Kit of 10 ABS protections for cone.



**FPP 1** (9234454)

Kit of 10 rubber protections for clamping chuck faceplate



**GUN 2** (9242246)

Tubeless inflation external kit.



**HD** (9208633)

Manual bead depressor.



**PAD** (9237711)

Manual bead depressor with extendable travelling pad.



**UHP5** (9240578)

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.



**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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