



Super-automatic air operated Contactless leverless tyre changer

Contactless tyre changer suitable for fitting/removing all kinds of passenger car and LCV tyres. Super-automatic air operated no contact leverless tyre changer 12" - 28" for mounting / demounting the most challenging tyre assemblies.

Description

JBoss is a further evolution from our original project Giuliano XBOSS touchless leverless tyre changer, whose undisputed success on the most important international markets, has inspired Giuliano to develop the first XBOSS-based simplified high-performance model. As a further development of XBOSS, Giuliano top of the range model, JBoss maintains the majority of its working advantages and key features, all covered by exclusive international patents, yet it is simplified in various working units and systems, which makes the machine more attractive to a wider audience.

JBoss contactless leverless tyre changer features 5 patented GIULIANO technical solutions for the high-end shop:

- **XTOOL** works without touching the rim! Top bead and bottom bead mounting tools also work automatically with preset movements and never come into contact with the rim, as they are designed to mount tyre beads completely risk-free (GIULIANO patented).
- **TWINLASERS** - two LASER POINTERS allow to easily set working tools in proper position simultaneously, according to tyre diameter and width. Once the rim position is set, you never have to change anything in your operation (GIULIANO patented).
- **BP1 Plus**, extremely innovative high performance pneumatic bead pressing arm (GIULIANO patented) automatically lifts up at the end of the mounting procedure, and moves back to rest position, with no need for the operator to change his working position.
- Bead breakers tower moves in synch with clamping chuck, thus guaranteeing best bead breaker angle on disks, with any kind of tyre.
- **Center Driven Concept** - Innovative solution covered by Giuliano patent: perfect penetration of the disks towards the center of the rim ensures the complete and immediate bead loosening, thanks to purposely designed misalignment of disks with center hole of the rim.
- **Smart Lock** (Giuliano patent), the fastest wheel clamping system in the world !!

Safe and fast, it is an ideal machine for mounting / demounting the most challenging tyre assemblies, without any risk of damaging the rim or tyre.

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** (Giuliano Patent) 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** no contact leverless tyre demount device (Giuliano Patent);
- Wheel positioning through motorized clamping chuck and laser pointers (Giuliano Patent);
- 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).

XBoss tyre changer is suitable for fitting/removing all kinds of passenger car and LCV tyres from 12" to 28" (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.

Giuliano Industrial S.p.A.

Standard Features

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	11770 N (1200 Kg)
Operating pressure	8-10 bar (116-145 Psi)
Power supply	230V - 1Ph - 50/60Hz
Motor power	0,75 kW / 2 speed
Balancing speed	7-16 rpm
Pre-set tyre inflating pressure	3,5 bar (50 Psi)
Net weight	561 Kg
Dimensions (WxDxH)	1800 x 1650 x 1650 mm



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 2 (9241716)
Kit of nylon protectors for mounting



Work gloves



O rings for SMART LOCK



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 2 (9241716)

Kit of nylon protectors for mounting



T2 (9217473)

Kit of 4 rubber protections for aluminium rims.



T3 (9217474)

Kit of 4 rubber protections 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, 5 kg.



GUN 2 (9244448)

Tubeless inflation external kit.



WL 4 (9240961)

Pneumatic wheel positioner.



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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Giuliano Industrial S.p.A.

via Guerrieri 6

Correggio (RE)

Italy

+39 0522 731111

+39 0522 633198

<https://www.giuliano-automotive.com>



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