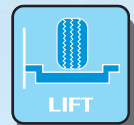
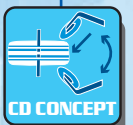


**SUPER-AUTOMATIC  
NO CONTACT LEVERLESS  
TYRE CHANGER**



# X BOSS



*\* Version available upon request*



# SAFE ON WHEEL, FAST ON WORK



## CENTER DRIVEN CONCEPT

Bead breaker disks are slightly misaligned with the rim center. This ensures a better and faster penetration of both disks towards the center of the rim. The misalignment of the disk generates a torque, which allows the complete and immediate bead loosening, thereby reducing the bead breaking time at a single turn.



## BP1 PLUS

Bead pressing arm to ease mounting operations on low profiled and UHP tyres. In one touch. Once at the end of its job, it lifts up automatically and positions out of the working area.



## XTOOL

Real No Contact Leverless tyre demount tool, as it works in no contact with the rim ! Extremely user friendly, fast and safe.



## SMART LOCK

The fastest manual wheel clamping system on center post chuck, all over the world.



## TWINLASERS

Two laser pointers, to set rim position before starting operations. Once position is set, all functions are automatic in sequence.



## TRITOOOL

The ideal combination of tools for each step. Each tool is in the correct operating position and works automatically with preset movements, to prevent any risk of damage to rim and tyre.



## TOTAL MOTORINVERTER DRIVE

All movements are powered by an extremely precise, and powerful motorinverter system. Bead breaker process has never been easier and faster.

**Simplifying everyday work, gathering all steps of your operation into reduced, easy functions and increasing every set up speed, in order to make your operation**

**SAFE ON WHEEL, FAST ON WORK**

**These have been our design guidelines, to create a new leverless standard in the market**



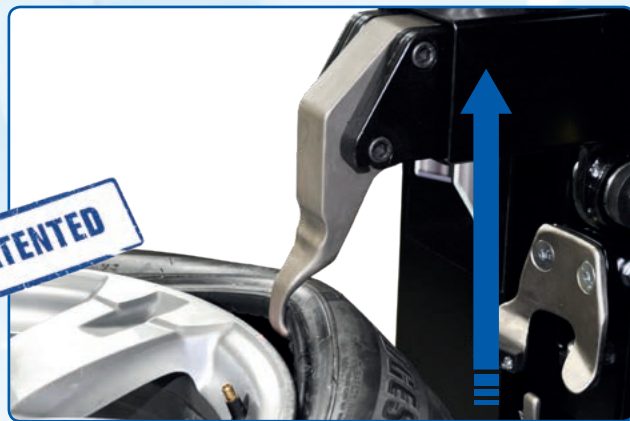
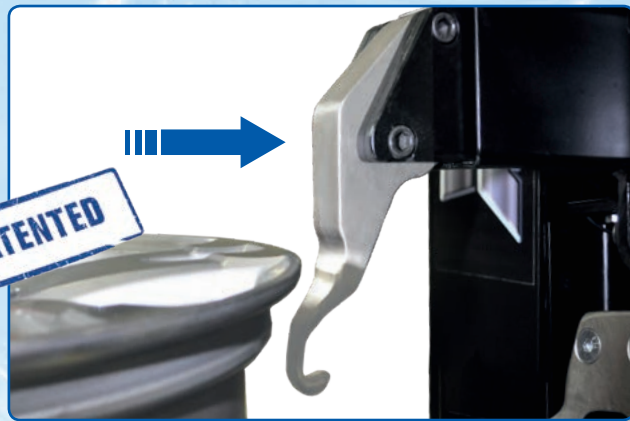
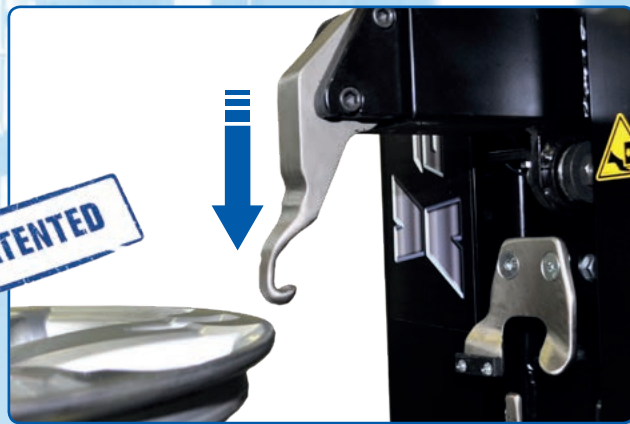
# XTOOLTECH

# TRITOOOL

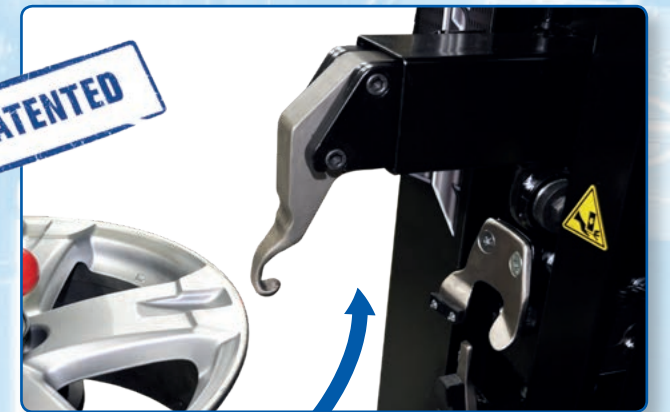


Driven by powerful 90 mm. diam. air cylinder and working through preset movements it's designed to demount tyre beads in a complete No Contact, risk-free way.

No matter which kind of tyre you are working with, the procedure is always the same with conventional, run-flat, or "extreme" UHP low profiled tyres.



Three tools, the ideal one for each stage. Each of them automatically in the correct position, and with a fixed stroke, to prevent and avoid any risk of damage on rim or tyre. Fast and easy in every operation.



BOTTOM BEAD MOUNT



TOP BEAD MOUNT





# BP1 PLUS

# TWINLASERS

*BP1 Plus bead pressing arm is what you need to assemble every difficult tyre, and "Plus" at the end of mounting procedure, it lifts and stores itself automatically in rest position.*

*Driven by pneumatic switches placed on top of the cylinder, it can be used with only one hand, extremely user-friendly, fast and ergonomic.*



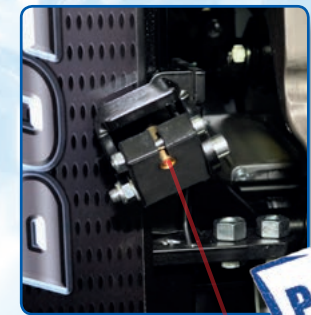
*Two laser pointers allow to easily set working tools in proper position simultaneously, according to tyre diameter and width. Once the rim position is set, you never have to change anything in your operation.*



**PATENTED**



*The stroke of BP1 Plus can be adjusted in height by acting on its hand knob.*



**PATENT PENDING**





# TOTAL MOTOR INVERTER DRIVE

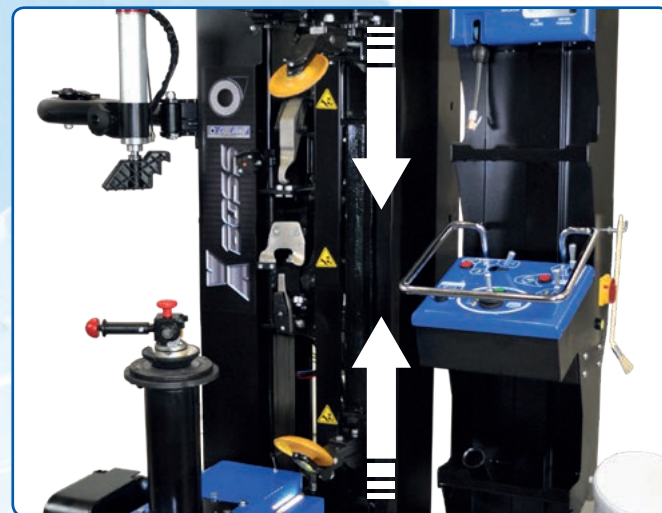
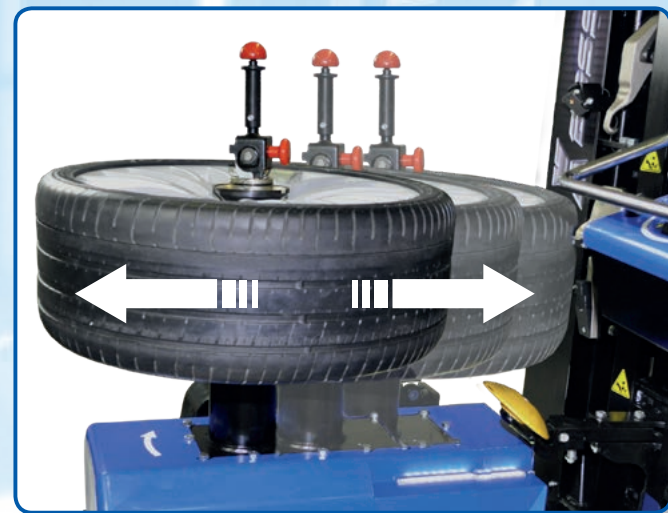


All movements are driven by motoinverter, extremely precise and powerful. Bead breaking process has never been more easy and fast.



## BEAD BREAKING TOWER

Bead breakers tower has a synchronized movement with clamping chuck. Through mechanical connection, it rotates left and right every time the clamping chuck moves back or forth, in order to reach not just the best position of the bead breaker disks, but also to guarantee best bead breaker angle on disks, with every kind of tyre.



## CONTROL CONSOLE

Simple and ergonomic control console is divided into 4 separated and easy-to-access working areas. Single functions are placed in sequence and clearly identified, for a fast and intuitive work flow.



# SMART LOCK & OTHER FEATURES



## SMART LOCK

Smart Lock, basically the fastest manual wheel clamping system in the world. Insert the Smart Lock shaft into the chuck and lift the clamping lever: less than 2 sec to have a perfect clamping.

... Just 2 seconds ...



PATENTED

Faster than the fastest pneumatic clamping !!

## AIR CONTROL BOX

A new air control box has been mounted on the upper side of the control console column, containing the filter-lubricator unit. This ergonomic position allows the operator to check the oil level in a simple and fast way, protecting at the same time the unit from any risk of damage, which would occur if placed in the lower rear side of the chassis. Also, inflation hose is located inside the control box, wound on a pulley with return spring.



## LIFTER

Pneumatic wheel positioning device, controlled through an easy-to-reach pedal, helps placing heavy tyre assemblies over the clamping chuck with no effort for the operator.



## DOUBLE BEAD BREAKER DISKS

Advanced bead breaker arm with double disk helps loosening the bead in a more sensitive, regular and effective way. Two disks for fast bead breaking, easy matching and perfect bead seating. With all tyres, from soft to run-flat, no issue.



PATENTED

## CENTER DRIVEN CONCEPT

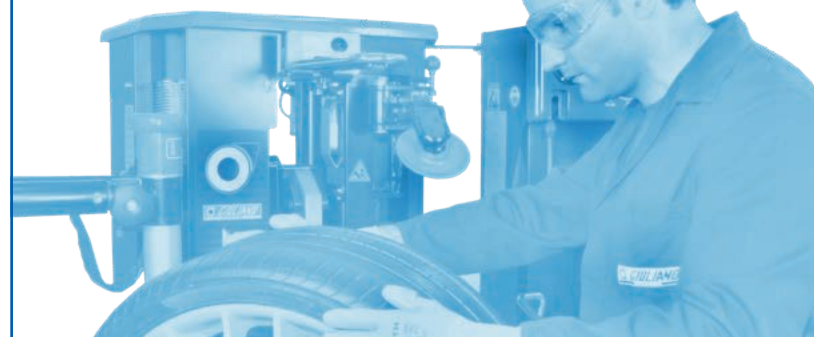
The arc movement of the bead breaker disks allows the disks to work purposely in misaligned position with the center hole of the rim, thereby ensuring a better and faster penetration of the disks towards the center of the rim during the normal clockwise rotation.

The misalignment of the disk generates a torque, which allows the complete and immediate bead loosening, so reducing the bead breaking time at a single turn.





# XBOSS



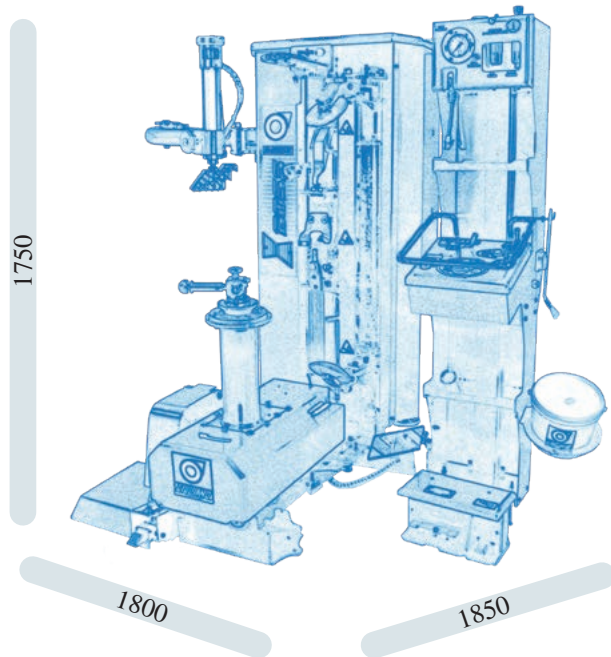
## OPTIONAL ACCESSORIES

### STANDARD FEATURES

Rim clamping range	12" - 30"
Max. tyre diameter	1200 mm (47")
Max. tyre width	406 mm (16") *
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
Rotation speed	7 - 16 rpm
Pre-set tyre inflating pressure	3,5 bar (50 Psi)
Net weight	640 kg

\* For reverse mounted wheels, variable according to rim features

### DIMENSIONS



### STANDARD ACCESSORIES



**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).



### FRR QUICK

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). You can handle rims with 3, 4, 5 or 6 lug holes (and their multiples) in different shapes and design.



### LTK

LT TRUCK CONE KIT. Wheel clamping adaptor, allows clamping light truck and LCVs wheels with center hole diameter from 75 to 220 mm. (3"-8,5").



### GUN

GUN TUBELESS TYRES JET BLAST KIT. Helps seating the bead properly during inflation operations, when servicing low profiled tyres. Gravity helps easy GUN system to jet-blast air from top bead.



### SPK 1 (Lamborghini)

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



### SPK 2 (Porsche)

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



### SPK 3 (BMW)

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





*Profession : Passion*

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