



Leva la Leva Tyre changer  
Artiglio 500

**EVEN MORE  
PERFORMING, EVEN  
MORE INGENUOUS**





dynamic bead breaking device with controlled penetration

Console

Motoinverter



## Main features

New automatic tyre changer with 2<sup>nd</sup> generation “Leva la leva” (Without lever) technology for vehicle, SUV and commercial vehicles wheels up to 32”.

**Many technical innovations:** dynamic bead breaking device with a dual bead breaker disc, newly designed head group, more performing wheel support plate clamping, reinforced structure, great attention to ergonomics and control availability. All of this means a faster operating speed without risks to the operator and the rims, even during the most critical phases, great simplicity of use and universality, for equipment whose features can be used 100%.



## intuitive and complete console

The **multifunctional control console** contains all the operating controls.

Ideal for dynamic bead breaking and for rim and tyre match mounting, thanks to the two dual control discs.

## Dynamic bead breaking device with controlled penetration

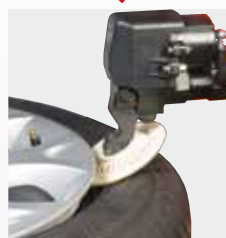
Dynamic bead breaking device with **dual specular bead breaker disc**.

The radial positioning of the discs is made easier by an automatism that is able to prevent any manual positioning by the operator.

### Controlled penetration (Patented)

Precision, rapidity and repeatability are guaranteed by the patented bead breaking system and by the perfectly synchronised and symmetrical motions of the two discs.

Watch the video



## Rapid second bead demounting procedure

Quick second bead demounting procedure made possible by a patented disc movement, particularly useful with stiff sidewalls.



## Motoinverter drive system

The right torque at the right speed

**7 - 18 RPM**



Head unit

Bead depressor (optional)

Safe and universal wheel clamping

wheel lifter



## Wheel lifter

**Effortless operation** - A wheel lifter is fitted as standard, for effortlessly placing wheels of any type onto the turntable.



## HEAD UNIT

The demounting procedure uses the same working movements but absolutely **no effort is required from the operator thanks to the “Leva la leva” (Without lever) technology incorporated in the head** (Patented).

The mounting procedure doesn't change: it is just as quick and convenient as before.

Watch the video



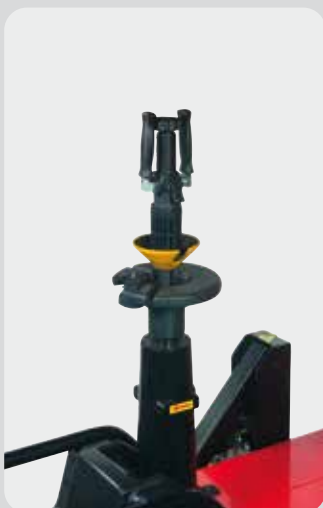
## Top bead demounting procedure



## SAFE AND UNIVERSAL WHEEL CLAMPING

The axial mounting turntable ensures rapid clamping while permitting bead breaking on both sides **without having to turn the wheel itself**.

The constant working height (except for inverted rims) has been designed to provide optimal ergonomics for the operator's movements, regardless of the type of wheel.



## Bead depressor (optional)

- Bead depressor with adjustable working height
- Depressor shape ideal for RFT tyres



“ **RUN FLAT - NO PROBLEM!** ”

## Ergonomics

Machine working height designed to obtain **perfect ergonomic movement** with all wheel types: **ideal for all operators.**



All machine movement controls are conveniently to hand for the operator

\*except for reverse rims

## Standard accessories



## Recommended accessories

### 8-15100003

Special adapter kit for high rims (H=28mm).  
 E.g. Porsche rear wheel



### 8-15100040

Spacer ring kit H=22mm  
 matches with 8-11100037 / 8-11100086 / 8-15100003



### 8-11100086

Van and pick-up rim rise kit for MANUAL locking



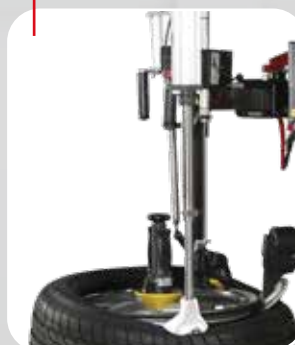
### 8-15100041

Universal flange ALL IN ONE h 100 mm + 20 mm spacers  
 (min-max wheelbase - PCD : 95-183 mm / 3.7"-7.2")



### 8-11100097

Pneumatic bead pressing tool



### 8-11100338

Pax system wheel kit



### 8-15100020

TI - Quick inflating system kit

### 8-15100023

TI - Quick inflating system kit ASME (for USA and Canada)



## TECHNICAL DATA

### WHEEL DIMENSION RANGE

RIM DIAMETER	from 12" to 32"
MAXIMUM TYRE DIAMETER	1200 mm (47")
MAXIMUM TYRE WIDTH	15" (FROM WHEEL SUPPORTING BASE)
TYRE TYPES PROCESSED	CONVENTIONAL, LOW PROFILE AND RUN FLAT

### TURNTABLE

CLAMPING	MECHANICAL-MANUAL
DRIVE SYSTEM	2 SPEED MOTOINVERTER
ROTATION TORQUE	1100 Nm
ROTATION SPEED	7 - 18 rpm

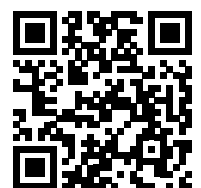
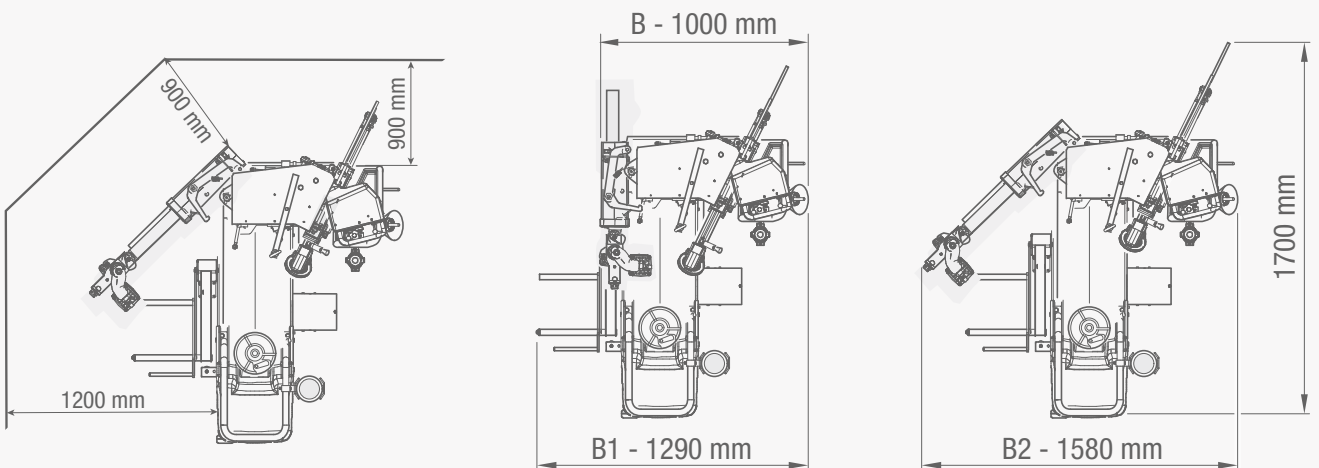
### BEAD BREAKER

MAXIMUM BEAD BREAKING RANGE	670 mm
BEAD BREAKER STROKE	540 mm
BEAD BREAKER FORCE	7600 N
WHEEL LOADING/UNLOADING	
OPERATION	PNEUMATIC
MAX WHEEL WEIGHT	85 KG

### POWER SUPPLY

ELECTRIC 1PH	230V - 0,75 Kw - 50/60 Hz
ELECTRIC 1PH (ALTERNATIVE)	110V - 0,75 Kw - 60 Hz
PNEUMATIC OPERATING PRESSURE	8 BAR (minimum)
WEIGHT	380 kg (with wheel lifter)

## DIMENSIONS



Watch the video



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