

# CORGHI

# ARLUNO 5000



Automatic 28" tyre  
changer with "leva  
la leva" Contactless  
technology



## 4WD



TECHNOLOGY  
PARTNER  
*product*



**LITE Smart Corghi System reduces the stress  
on the tyre**



**4WD**



**Motoinverter**  
The right torque  
for every speed



New automatic tyre changer **with 3<sup>rd</sup> generation “Leva la leva” (Without lever) technology** for vehicle, SUV and commercial vehicles wheels up to 28”.

The new demounting tool with **LITE SMART CORGI SYSTEM** movement reduces the stress on the tyre and **NEVER touches the rim**.

**Numerous technical innovations:** dynamic bead breaking device with double bead breaker disc, newly designed head unit (Patent Pending), wheel clamping with wheel support plate, optimised performance, reinforced structure, excellent ergonomics and user-friendly commands. All of this means a faster operating speed without risks for the operator and the rims, even during the most critical phases, plus great ease of use and universality - for equipment whose features can be used to the fullest.

## CONSOLE

**Intuitive and complete** - 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.



**2\_DYNAMIC BEAD BREAKING DEVICE WITH CONTROLLED PENETRATION**

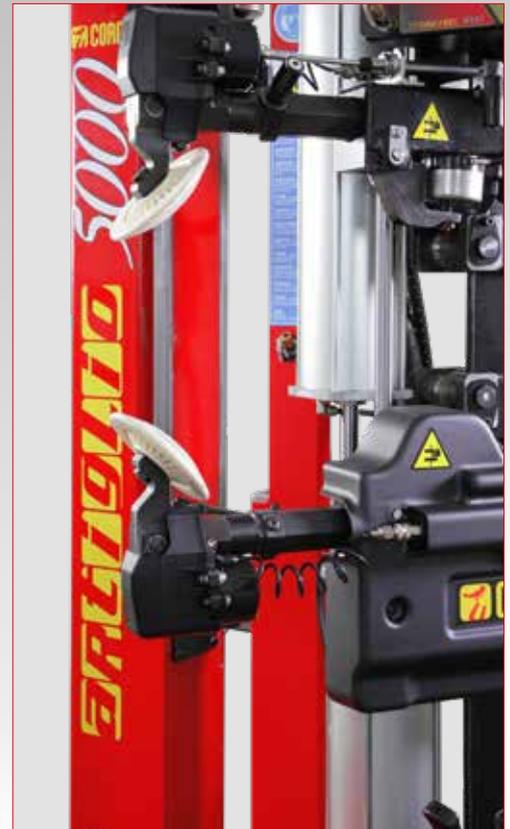
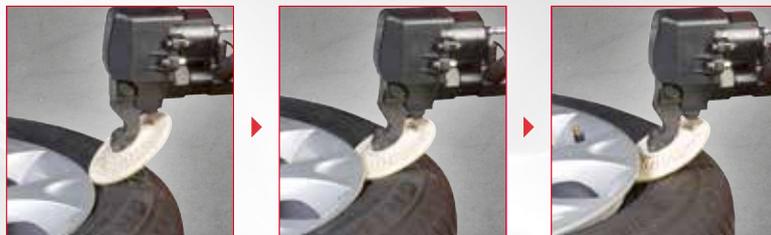
**Dynamic bead breaking device** with dual specular bead breaker disc.

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



**QUICK DEMOUNTING PROCEDURE FOR THE SECOND BEAD**



**Quick demounting procedure** for the second bead, thanks to the **movement of our patented disc** that's particularly suitable for tyres with hard walls.

**3\_MOTOINVERTER DRIVE SYSTEM**



**“ DURING ROTATION THE RIGHT TORQUE FOR EVERY SPEED ”**



**DISCOVER  
HOW IT WORKS**



**Motoinverter**  
The right torque  
for every speed



**4\_WHEEL LIFTER**

**No effort** - The lifter positions any type of tyre on the turntable without effort. Optional accessory supplied on request. (85kg)





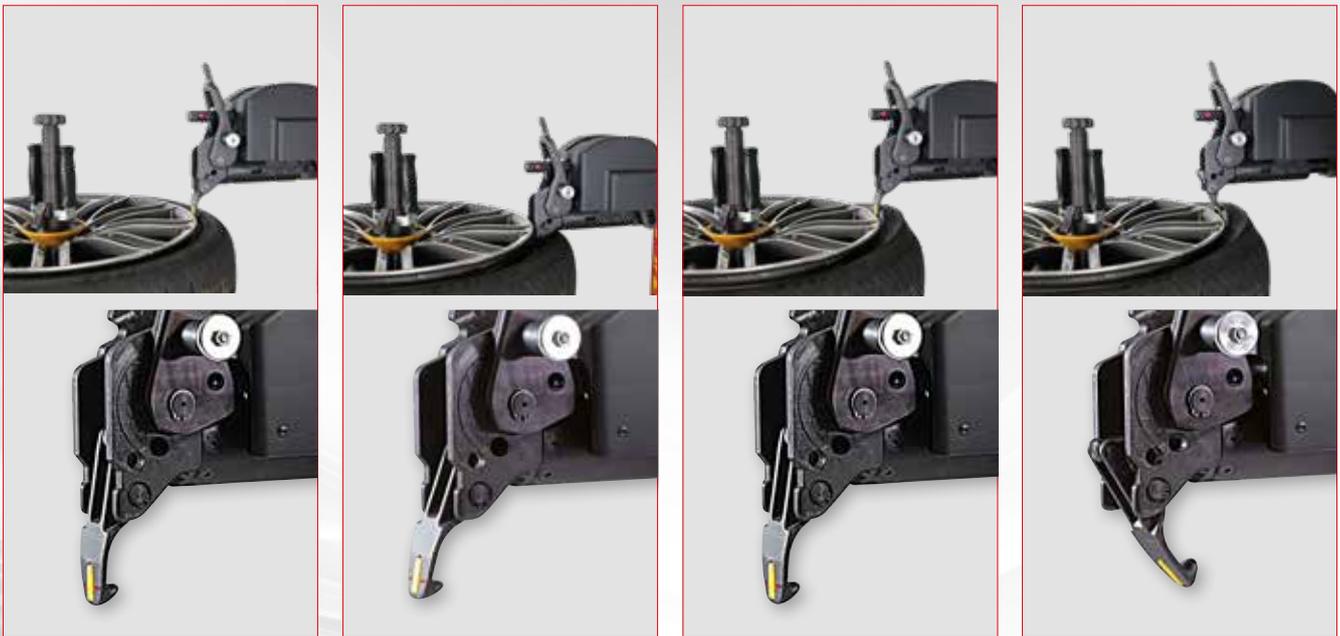
**5\_HEAD UNIT**

**NO CONTACT WITH THE RIM.  
REDUCED STRESS ON THE TYRE**

Mounting and demounting head unit with the innovative **CONTACTLESS** solution (Patent Pending).

The **newly designed and patented automatically positioned head** allows the tyre to be mounted and demounted in a very simple way, **without never touching the rim (CONTACTLESS)**, and reduces the stress on the tyre during the most critical phases.

**Dynamic bead breaking device** with double and specular bead breaker disc, quick wheel clamping, **optimum ergonomics of the work procedure** and control panel for the **efficient, quick and easy use** of this innovative new machine.



**6\_TILTING MOUNTING TOOL**

Thanks to a specific command, the tilting demounting tool **ensures the quick, effective positioning of the head**. This means great speed and efficient performance.



**7\_NEW**



**Expanded working area** to easily handle large off-road and deep-tread tyres for pick-ups and 4WD vehicles.

**8\_BEAD DEPRESSOR (STANDARD)**

**Bead depressor with adjustable working height.**  
 The depressor shape is ideal for RFT tyres and can also be used to hold the tyre up.

**9\_EMERGENCY HOOK**

The rotation of the tool makes it easier to install the bead on the rim (for extra-soft tyres).



**“ RUN FLAT - NO PROBLEM! ”**

**ERGONOMICS**

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



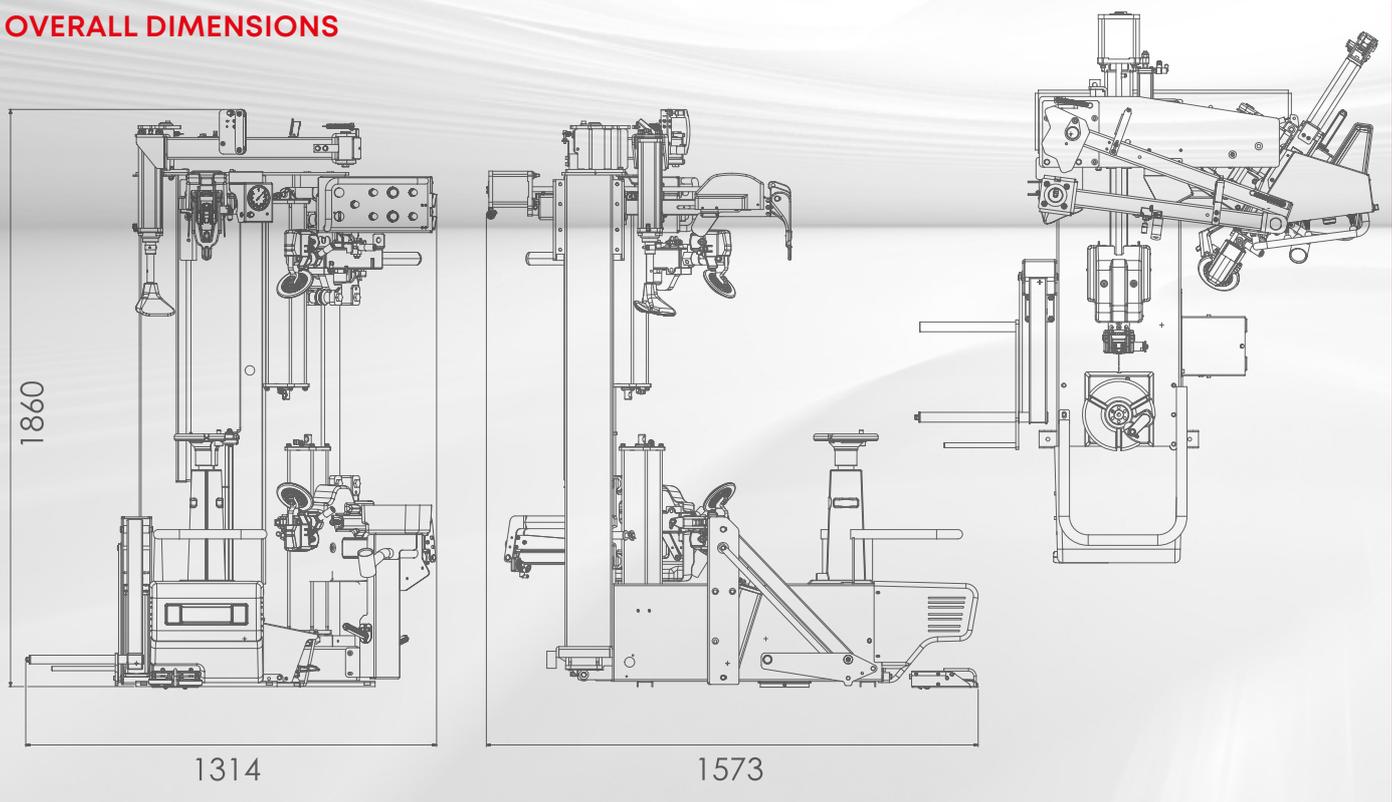
**All machine movement controls are conveniently to hand for the operator**



\*except for reverse rims.

**TECHNICAL DATA**

<b>wheel dimension range</b>	
rim diameter	<b>from 13" to 28"</b>
maximum tyre diameter	<b>1200 mm (47")</b>
maximum tyre width	<b>15" (from wheel supporting base)</b>
tyre types processed	<b>conventional, Low Profile and Run Flat</b>
<b>turntable</b>	
clamping	<b>mechanical-manual</b>
drive system	<b>2-speed motoinverter</b>
rotation torque	<b>1100 Nm</b>
rotation speed	<b>7-18 rpm</b>
<b>bead breaker</b>	
maximum bead breaking range	<b>670 mm</b>
bead breaker stroke	<b>540 mm</b>
bead breaker force	<b>7600 N</b>
<b>wheel loading/unloading</b>	
operation	<b>pneumatic</b>
max wheel weight	<b>85 Kg</b>
<b>power supply</b>	
electric 1Ph	<b>230V-0,75 kW 50Hz/60 Hz</b>
electric 1Ph (alternative)	<b>110V-0,75 kW 50Hz/60 Hz</b>
pneumatic operating pressure	<b>8 bar (minimum)</b>
weight	<b>425 kg (with bead depressor and wheel lifter)</b>

**OVERALL DIMENSIONS**




## RECOMMENDED ACCESSORIES



**8-11120053 - T.I. KIT**  
Quick inflation system

**8-11120054 - KIT T.I.**  
ASME quick inflation system  
for USA and Canada



**8-11100086**  
Van rim kit



**8-11100475**  
Laser kit for precise  
positioning



**8-15100041**  
Universal flange ALL IN ONE  
h 100 mm + 20 mm spacers  
min-max wheelbase - PCD :  
95-183 mm / 3.7"-7.2"



**8-11120052**  
Wheel lifter kit



**6015001300 - TPM-02**  
Device for checking  
operation of TPMS sensors



← Watch the Video

## STANDARD ACCESSORIES



x4

x4

x3

x3



x2



x1



For further information, consult the complete accessories catalogue.



NEXION SPA - [www.corghi.com](http://www.corghi.com) - [info@corghi.com](mailto:info@corghi.com)

The manufacturer reserves the right to modify the features of its products at any time.

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