CORGHI ARGHLIO 5000

Automatic 28” tyre changer with “leva la leva” Contactless technology

4WD

TECHNOLOGY PARTNER product

CORGHI TECHNOLOGY PARTNER

LEVA LA LEVA

mi powered system

wdk APPROVED BY

LITE Smart Corghi System reduces the stress on the tyre

Motoinverter
The right torque
for every speed

New automatic tyre changer **with 3rd generation "Leva la leva" (Without lever) technology** for vehicle, SUV and commercial vehicles wheels up to 28".
The new demounting tool with **LITE SMART CORGHI 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 (**Patented**), 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.

CONSOLLE

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.

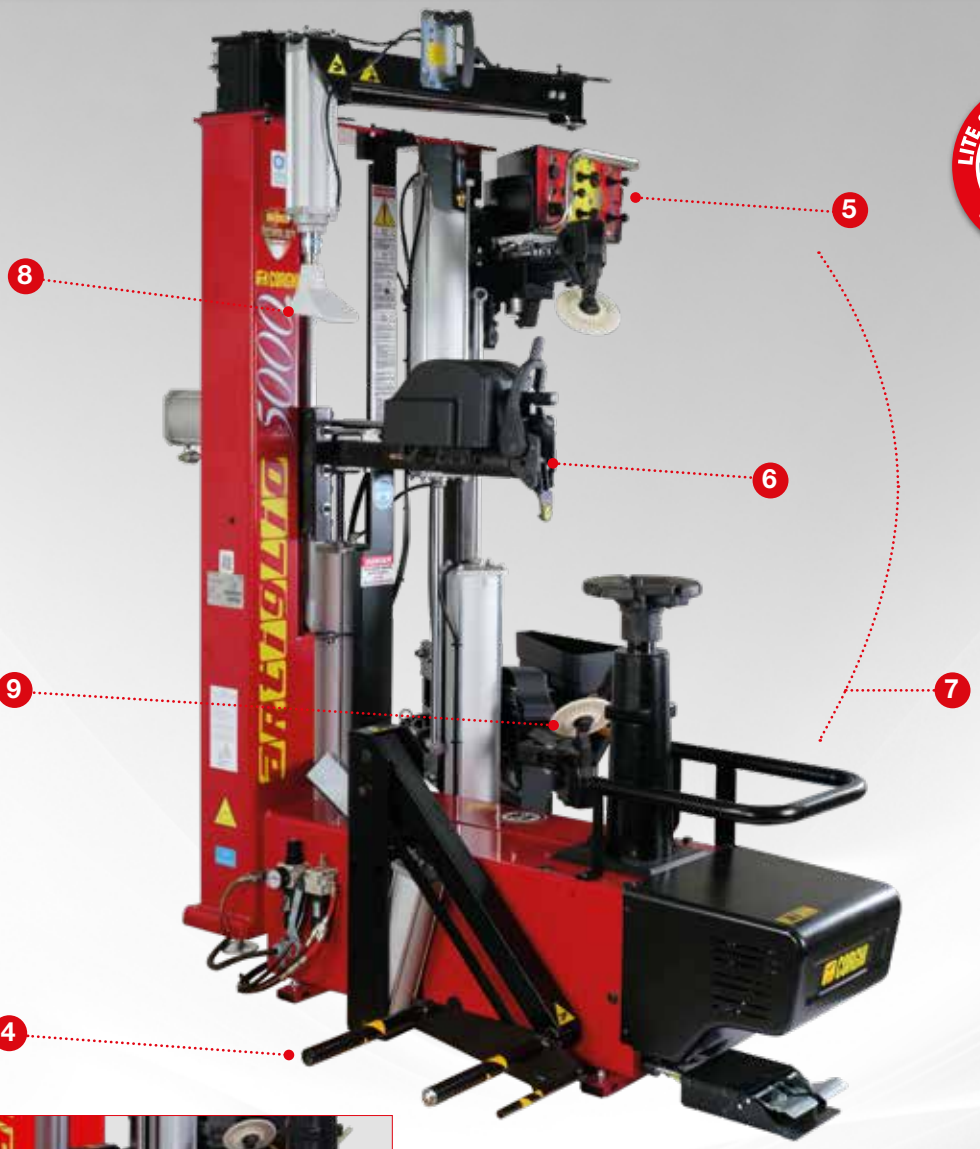
Watch the Video

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



LITE Smart Corghi System
Stress Reduction for the Tyre

DISCOVER HOW IT WORKS

LEVA LA LEVA

mi powered system

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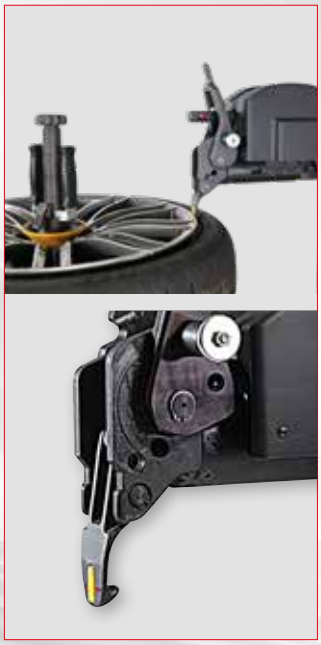
4_WHEEL LIFTER

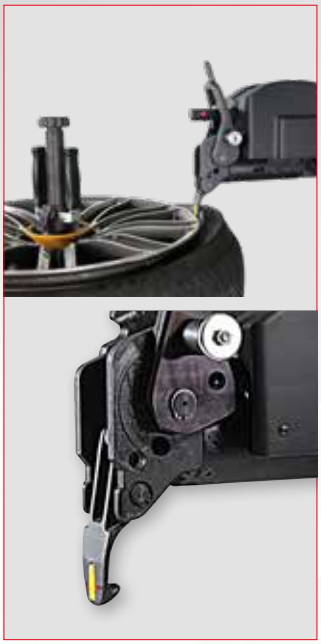
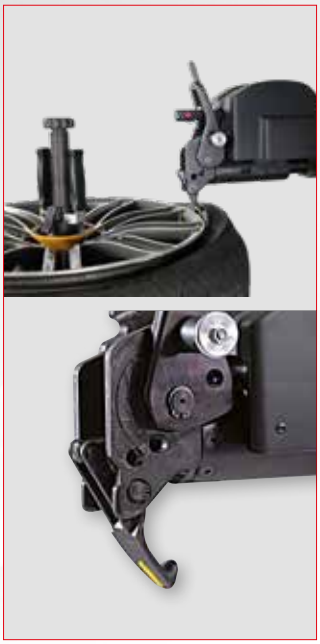
No effort - The lifter positions any type of tyre on the turntable without effort. Optional accessory supplied on request. (85kg)

5_HEAD UNIT

NO CONTACT WITH THE RIM.
REDUCED STRESS ON THE TYRE

Mounting and demounting head unit with the innovative **CONTACTLESS solution** (**Patented**). 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 mounting 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**.

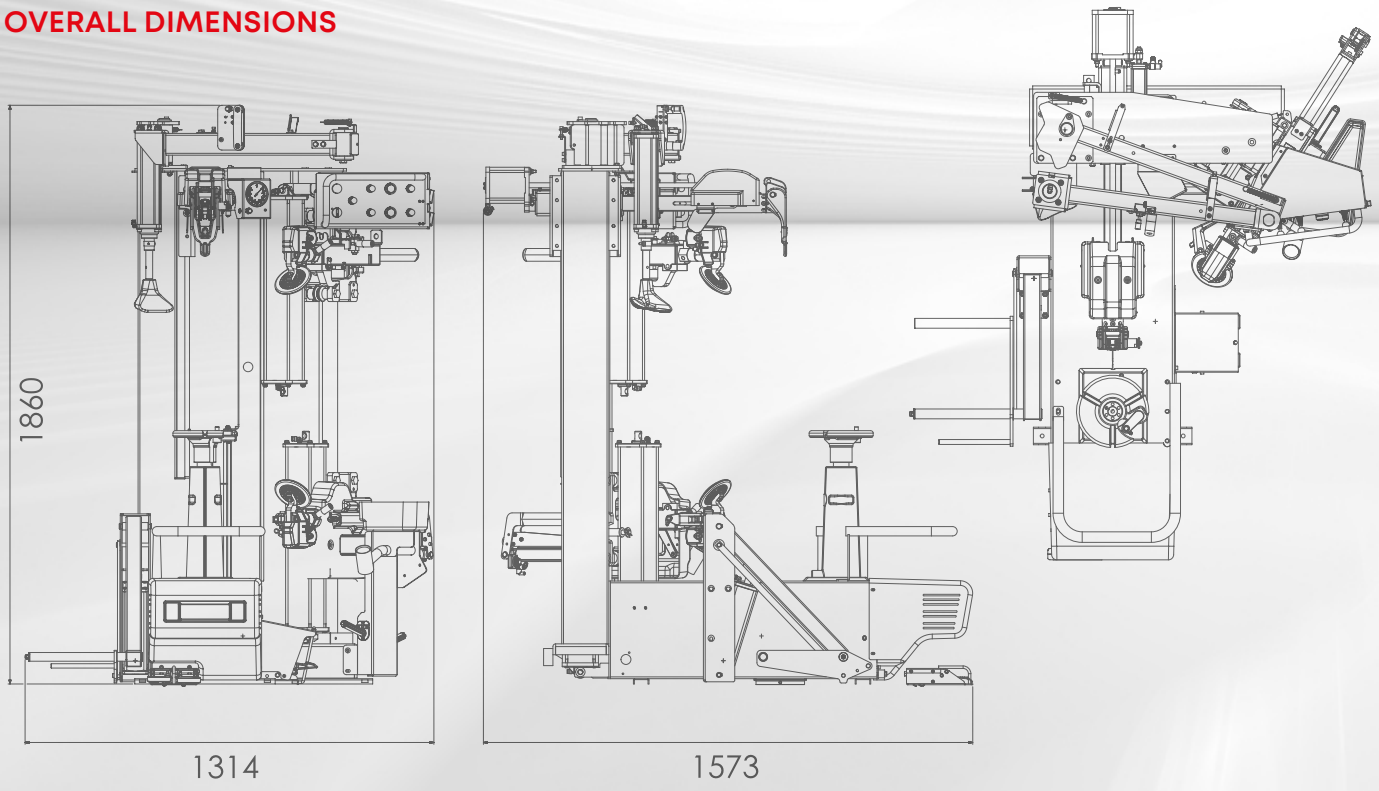
All machine movement controls are conveniently to hand for the operator

*except for reverse rims.

TECHNICAL DATA

wheel dimension range	
rim diameter	**from 13” to 28”**
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 50Hz/60 Hz**
electric 1Ph (alternative)	**110V-0,75 kW 50Hz/60 Hz**
pneumatic operating pressure	**8 bar (minimum)**
weight	**425 kg (with bead depressor and wheel lifter)**

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”

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

Watch the Video

STANDARD ACCESSORIES

For further information, consult the complete accessories catalogue.

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