

eco 55A Top

Automotive Equipment

Semi-automatic universal tyre changer for heavy goods

 Heavy Tyre Changers

Solidity and precision at the service of the tyre specialist for the **maintenance of truck, bus, tractor and earth-moving machinery wheels**

Quick demounting for tyres of **heavy goods vehicles up to 56"** with or without inner tube



RADIO  **READY**



energy management **NEW FUNCTION, AUTOMATIC STAND-BY!**

The **energy management** function allows for significant energy savings when the machine is not being used, preserving the service life of the electrical and hydraulic components.



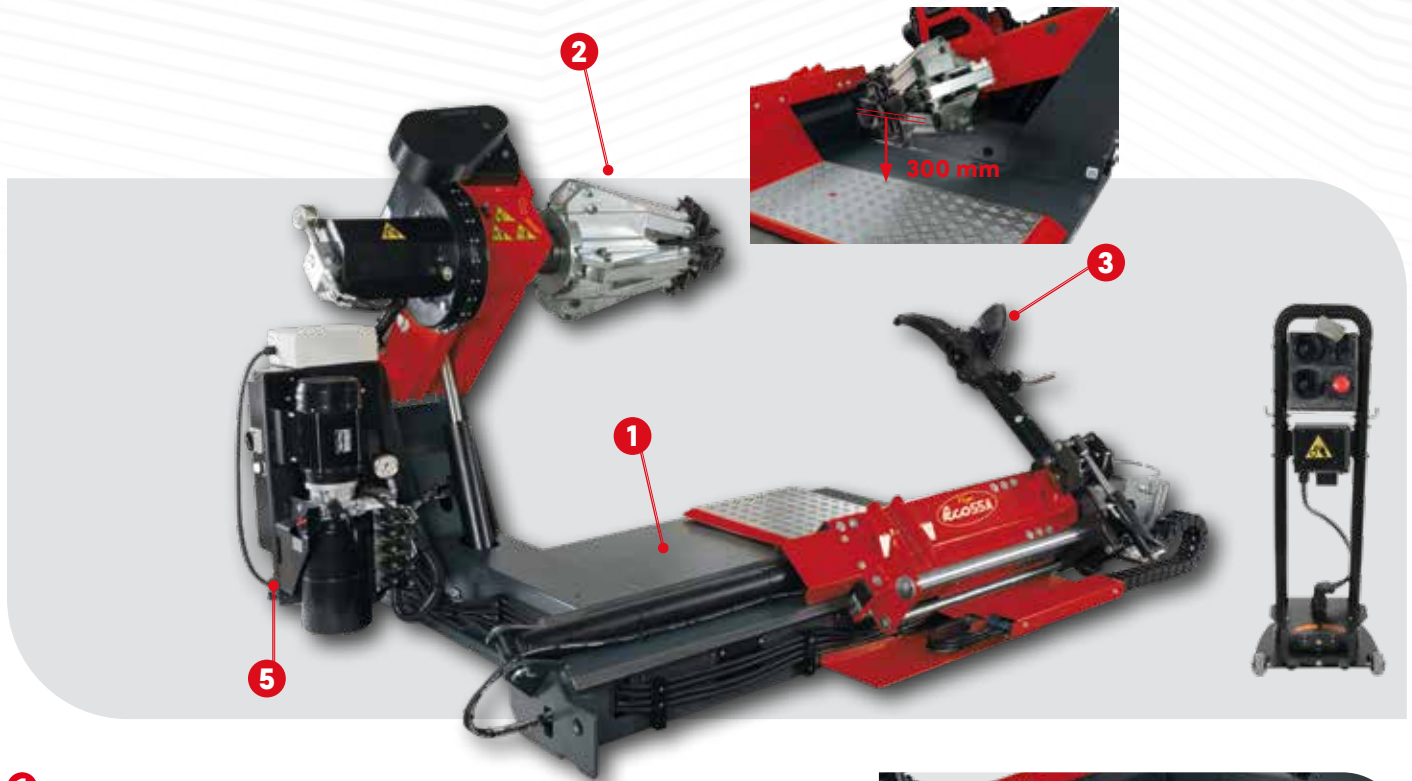
Robust, practical and reliable!

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Even more powerful electric and hydraulic tyre changer, thanks to the new elements introduced in this new version.

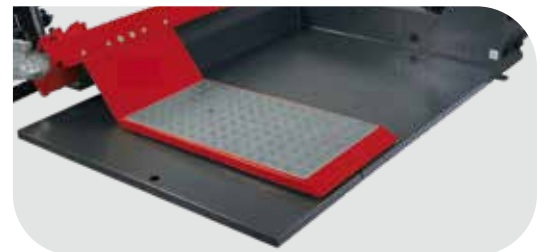
Optimised working geometry to achieve a maximum wheel width of 1200 mm and a maximum wheel diameter of 2400 mm.

Reduced loading height. Only **300 mm from the ground** to avoid manually lifting the rim.



1 **REINFORCED BASE**

For greater stability and higher loading capacity up to **1700 kg**.



2 **NEW CHUCK**

New 4-jaw self-centring chuck driven by a **self-braking** motor, for greater control of rotation during delicate mounting stages.
Two-speed clockwise and anti-clockwise rotation.

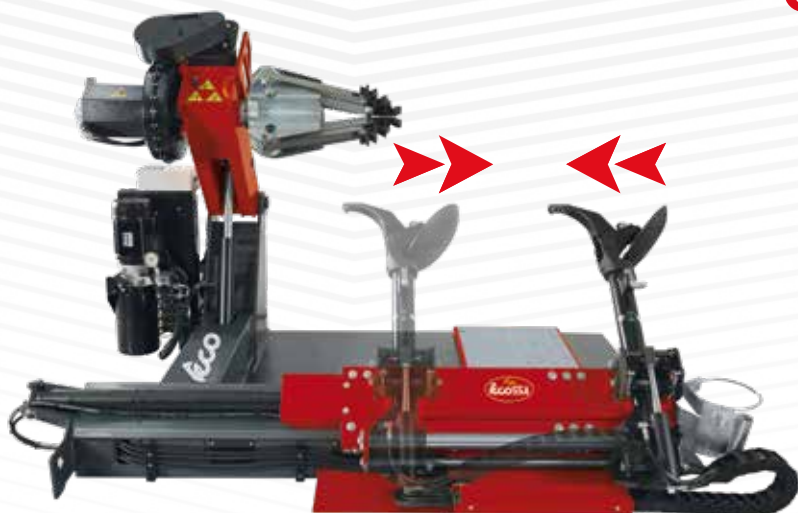


A_High-strength multi-clamping steel jaws with plastic inserts of different thicknesses to securely clamp all types of rims without damaging them.

B_Extensions to clamp rims up to 56" (on request).

C_Special jaws for alloy rims with plastic inserts (on request).





3 TOOL UNIT

New tool carriage driven by a hydraulic cylinder to release a force of 27.000N.

With dual automatic workstation operated from the control console, for fast and precise actions. Automated transfer of the tool holder arm - once brought into the “out-of-work” position - allowing it to be positioned from one sidewall of the wheel to the other very quickly and safely.

The **automatic tool arm tilting**, operated from the control console, reduces the operator’s movements in the work area, speeding up the cycle time.



4 CONTROL CONSOLE

Super-lightweight control console for maximum comfort with minimum effort. Intuitive console with ergonomic controls.

New features:

- **button to immediately stop all movements**
- **radio kit** (on request) that can be added later



without modification to the tyre changer (emergency cable always included).

Solid wheels on the console base for easy movement.

5 CONTROL UNIT

New electric and hydraulic control unit for a high-performance, state-of-the-art system with reinforced fixing to counter vibration.



WHEEL WEIGHT UP TO 1700 KG

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RECOMMENDED ACCESSORIES



PCL - Alloy rim clamping adapter
8-12100007 Ø 161 mm
8-12300001 Ø 220 mm
8-12100005 Ø 164 mm
8-12100009 Ø 221 mm
8-12100006 Ø 176 mm
8-12100010 Ø 281 mm
8-12100008 Ø 202 mm



0-12120007 PBP120
 Pneumatic bead pressing device.



8-12100155 SE-2
 Extensions for self-centring chuck for rims up to 56"



8-12100156 JAR-2
 Alloy rim jaws with special plastic inserts



8-12120025
 Kit Radio POWER-SGP



801227195 PAR
 Clamp for alloy rims



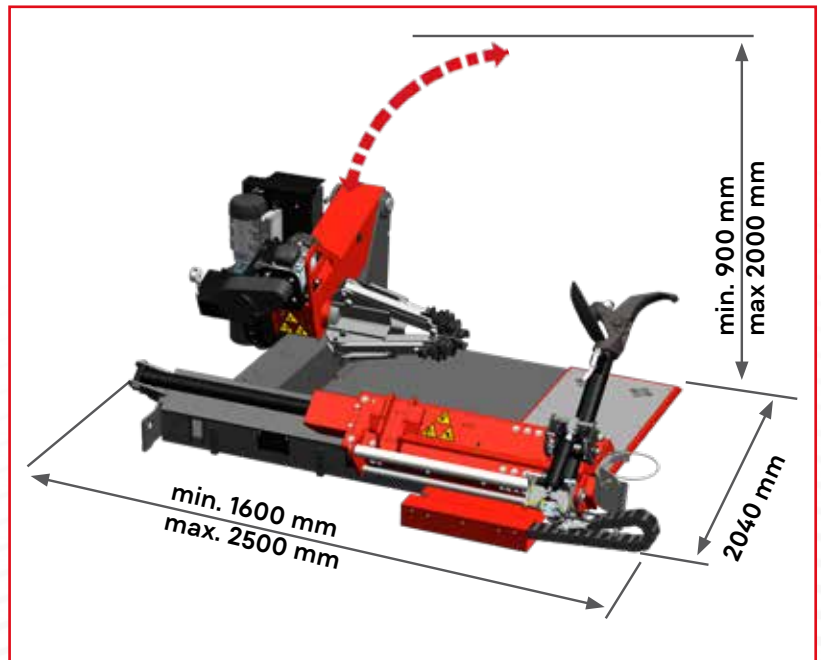
801262417
 Plastic clamp for aluminium rims

For more information please refer to the complete accessory catalogue

TECHNICAL DATA

Maximum wheel width	1200 mm
Maximum wheel diameter	2.400 mm
Clamping capacity	14 ÷ 46 mm (56" with extensions)
Minimum diameter of wheel central hole	100 mm
Hydraulic control unit motor	1,5 kW
Two-speed self-braking gearmotor	1,3 ÷ 1,8 kW
Minimum loading height at chuck axis	300 mm
Maximum wheel weight	1700 kg
Maximum torque output	4000 Nm
Bead breaker force	27.000N
Voltage	230/400V - 3PH - 50/60HZ
Machine weight	900 kg

DIMENSIONS



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



NEXION SPA - ITALY -
www.tecoautomotive.com - teco@teco.it

