



Super-automatic heavy duty truck tyre changer 14" - 46"/58"⁽¹⁾

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Description

Super-automatic heavy duty truck tyre changer 14" - 46"/58"⁽¹⁾. For truck, bus, agriculture and earth-moving heavy tyres, professional truck tyre service and high volume shops. **Hydraulic motor** grants **extreme precision** even on heavy duty earth moving wheels. Suitable for both tube and tubeless tyres.

Wide and low profiled platform eases the loading of heavy wheels.

Tools holding arm, with **3 hydraulic movements**, enables automatic rotation of the double tool, arm lifting/lowering and double speed travelling movement. Simultaneous travelling movement of tools holding arm, tool carriage and tool rotation, allows to **speed up operations** on the wheel.

Ergonomic control console with simple layout of commands and with emergency safety button, for stopping all functions at any time.

Functions

- Hydraulic movement of clamping chuck holding arm (up-down).
- Hydraulic travel movement of operating arm carriage (left-right).
- Operating arm **automatic** tilting and travelling on carriage.
- Simultaneous movement of operating arm travelling, tilting and tool rotation (by same control button). Speed, efficiency and total safety.
- Double tool (disk + finger) automatic rotation.
- Wheel clamping by fully hydraulic operated jaws.
- Operating arm and clamping chuck arm facing each other.
- All motions controlled by console and pedal box.
- Emergency safety button on control console, for stopping all functions.
- Suitable for control console installation on pivoting arm (optional).
- Rim center hole clamping range \varnothing 80 - 1200 mm.
- Clamping chuck minimum height from ground 315 mm (center).
- Clamping chuck is powered by a **variable speed hydraulic motor**, including low speed valve for **tyre tread sculpting** : 1.5, 2, 3 ... 9 rpm.
- Electro-hydraulic unit with "stand-by" function, to reduce energy consumption and working noise level.
- Universal hydraulic clamping chuck can clamp rims with center hole as small as \varnothing 80 mm, and with overall diameter up to 46" (58" with optional clamping extensions).
- Suitable for remote control installation (optional). Replaces standard cables and enables all functions control by radio transmission.
- Designed, built and engineered in Italy.
- "Right to repair" - all service parts available for at least 10 years since production, easy maintenance and reduced environmental impact.

⁽¹⁾ For the rims from 47" to 58" it is necessary to use the **optional** set of 4 jaw extensions for clamping wheels from 47" to 58".

Standard Features

Rim clamping range without extensions	14" - 46"
Rim clamping range with extensions (optional)	14" - 58"
Max. tyre diameter	2500 mm (98")
Max. tyre width	1500 mm (59")
Power supply	3ph 230/400V 50Hz Other voltages and frequencies available upon request
Rim center hole minimum clamping diameter	80 mm
Hydraulic pump motor power	4,5 kW
Gearbox motor power	Hydraulic
Operating pressure	140 bar (2031 psi) ±10%
Bead breaker force	36000 N
Net weight	1055 kg
Max. tyre assembly weight	1800 kg
Chuck rotation speed	1.5,2,3 ... 9 rpm
Max overall dimensions	2470÷2950x2140÷2350x970÷1900 mm



Standard accessories





TBSR 1 (9299274)
Roller tool for mounting / demounting tubeless truck tyres



NJP (9234966)
Kit of spacers for the clamping jaws, for locking wheels with various thickness of flanging.



DGC (9299273)
Set of 2 G-clamps for tyres with retaining ring. To hold rim and bead retaining ring during bead breaking operation.



SGC (9236972)
Bead clamp with extra slide, for skidder tyre applications.



AGC (9299271)
Clamp for alu-rims.



WGC (9219656)
G-Clamp with wider bead-press angle, for agriculture tyres.



CEX (9235049)
Kit of 4 clamp extensions for clamping range from 47" to 56".



RCS 5 (9245135)
Multichannel radio control 433 MHz



PJP (9245058)
Set of professional self-adapting clamps protections in aluminium for alloy rims. Variable radius protections. The special polymer spacers adapt to the bending radius of the rim to be clamped, ensuring the firmest and most protective grip possible.



AJP (9234826)
Kit of clamp protections in aluminium for alloy rims.



TBSR1 AD (9219118)
Tubeless roller adaptor



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