

Super-automatic heavy duty truck tire changer 12" - 46"/58"[1]

Super-automatic heavy duty tire changer suitable for truck, bus, agriculture and earth-moving heavy tires, professional truck tire service and high volume shops. Work easily and safely on wheels lifted just few centimeters from the ground! Suitable for both tube and tubeless tyres.

Description

Super-automatic heavy duty tire changer suitable for truck, bus, agriculture and earth-moving heavy tires with 12" - 46"/58"[1] rim (max. wheel diameter 2600 mm./102", max. wheel width 1530 mm./ 60"). Excellent quality machine for professional truck tyre service and high volume shops. Suitable for both tube and tubeless tyres.
Tools holding arm and clamping chuck arm **move in synch**, keeping the tools perfectly tangent to the wheel, thus **reducing tension and protecting** rim and tire from any damage. Demounting tool and bead breaking disc operating perfectly perpendicular to the center of the wheel.
Coordinate movement of the arms enables to **work easily and safely** on wheels lifted **just few centimetres from the ground**.
Synchronized travelling movement of clamping chuck arm and tool carriage allows to **speed up operations** on the wheel. Tools holding arm, with **3 hydraulic movements**, enables automatic rotation of the double tool, arm lifting/lowering and double speed travelling movement.

Functions

- Hydraulic movement of clamping chuck holding arm (up-down and left-right).
- Hydraulic travel movement of operating arm carriage (left-right).
- Operating arm and clamping chuck arm tilting in same direction, working **always with 90° angle**.
- Operating arm and clamping chuck arm travelling left-right simultaneously.
- Double tool (disk + finger) hydraulic **automatic** rotation.
- Clamping chuck powered by a **3 speed motoinverter**, including low speed for **tire tread sculpting** : 1 - 4 - 9 rpm.
- Electro-hydraulic unit with "stand-by" function, to reduce energy consumption and working noise level.
- Wheel clamping by fully hydraulic operated jaws.
- Operating arm hydraulic automatic tilting and travelling on carriage.
- All motions controlled by console and pedal box.
- Wide and low profiled platform eases the loading of heavy wheels.
- Emergency safety button on control console, for stopping all functions.
- Suitable for control console installation on pivoting arm (optional).
- Rim center hole clamping range ø 80 - 1200 mm.
- Clamping chuck minimum height from ground 365 mm (center).
- Universal hydraulic clamping chuck can clamp rims with center hole as small as Ø 80 mm, and with overall diameter up to 46" (58" with optional clamping extensions) .
- Ergonomic control console with simple layout of commands and with emergency safety button, for stopping all functions at any time.
- 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.

Work **easily and SAFELY** on wheels lifted just few centimetres from the ground ! S558 tire changer is for those who demand the best, professional truck tire service and high-volume shops, an excellent quality machine that won't disappoint.

[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".

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Standard Features

Rim clamping range without extensions	12" - 46"
Rim clamping range with extensions (**optional**)	12" - 58"
Max. tire diameter	2600 mm (102")
Max. tire width	1530 mm (60")
Rim center hole minimum clamping diameter	80 mm
Clamping chuck minimum height from ground	365 mm
Max. tire assembly weight	2000 kg
3 speed clamping chuck rotation	1 - 4 - 9 rpm
Clamping chuck motor power	2,2 kW
Hydraulic pump motor power	3 kW
Operating pressure	160 bar (2320 psi)
Power supply	400V (50/60 Hz) - 3ph / 3 speed Other voltages and frequencies available upon request
Bead loosener force	37600 N Other voltages and frequencies available upon request
Net weight	1370 kg Other voltages and frequencies available upon request
Max overall dimensions	2420÷3150x2350÷2600x1030÷1970 mm Other voltages and frequencies available upon request

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Standard accessories



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



TBSR1 AD (9219118)
Tubeless roller adaptor



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 tires with retaining ring. To hold rim and bead retaining ring during bead loosening operation.



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



AGC (9299271)
Clamp for alu-rims.



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



RCS 2 (9238588)
Multichannel radio control 433 MHz (only for S558)



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.



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



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

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