



Super-automatic Heavy Duty Truck Tyre Changer 14" - 56"⁽¹⁾

Super-automatic tyre changer suitable for truck and heavy duty tyres with 14" - 56" rim (max. wheel diameter 2500 mm./98", max. wheel width 1500 mm./ 58"). Suggested for truck, bus and agriculture tyres, professional truck tyre service and high volume shops. Suitable for both tube and tubeless tyres.

Main Features



Truck
Suitable for truck wheels



Tractor
Suitable for agricultural tyres and heavy duty tyres



12"-58"
Allows to operate with tyre assemblies from 12" to 58".



Jaw Clamping
Rim clamping is performed by means of 4 jaws facing each other, driven by pneumatic cylinders connected to the control pedal.



Control Console
Control panel allows controlling each single automatic movement and positioning of the machine by an easy pressure on the buttons.



Roller Bead Breaking
Bead breaking by disks, without contact with the rim, works with tyre assembly in horizontal position



Three speed chuck
Three speed hydraulic chuck, allows to adjust rotation speed in accordance with the type of operation to perform, ensures work efficiency and safety.



Description

Tyre-changer suitable for truck and heavy duty tyres with 14" - 56"⁽¹⁾ rim (max. wheel diameter 2500 mm./98", max. wheel width 1500 mm./ 58"), equipped with two-speed hydraulic clamping chuck, tool hold arm and chuck hold arm carriages both with automatic motion and automatic tool rotation for a full automation of functions, and mobile control unit for safe and convenient operation. Operating arm and clamping chuck holding arm, moving on the same axis and working differently than in the other models, always keep same angle for best performance on all tyres. This solution also allows working at any height from ground (even a few centimeters) making tyre mounting / demounting operation safer.

Suggested for truck, bus and agriculture tyres, professional truck tyre service and high volume shops.

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) automatic rotation;
- Wheel clamping by fully hydraulic operated jaws;
- Operating arm automatic tilting and travelling on carriage;
- 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 365 mm (center);
- Suitable for remote control installation (optional).

⁽¹⁾ For the rims from 47" to 56" it is necessary to use the optional set of 4 jaw extensions for clamping wheels from 47" to 56".

Standard Features

Rim clamping range without extensions	12" - 46"
Rim clamping range with extensions (optional)	12" - 58"
Max. tyre diameter	2600 mm (102")
Max. tyre width	1530 mm (60")
Rim center hole minimum clamping diameter	80 mm
Clamping chuck minimum height from ground	365 mm
Max. tyre 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 breaker force	37600 N
Net weight	1370 kg
Max overall dimensions	2420÷3150x2350÷2600x1030÷1970 mm



Standard accessories





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



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 tyres with retaining ring. To hold rim and bead retaining ring during bead breaking 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)



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



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



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Giuliano Automotive Equipment (Suzhou) CO.,Ltd

NO 8 Jinsheng Road

SIP Suzhou (Jiangsu)

P.R.China

+86 0512 69368611

+86 0512 69367919

<https://www.giuliano.cn>

