



Super-automatic heavy duty truck tyre changing machine, suitable for truck and agriculture tyres, 14"-56"⁽¹⁾

Super-automatic tyre changing machine suitable for truck and heavy duty tyres with 14" - 56" rim (max. wheel diameter 2400 mm./94,5", max. wheel width 1300 mm./ 51"). 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



14"-56"
Allows to operate with tyre assemblies from 14" to 56".



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



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



Description

Tyre changing machine suitable for truck, bus and agriculture tyres with 14" - 56"⁽¹⁾ rim (max. wheel diameter 2400 mm./94,5", max. wheel width 1300 mm./ 51"), equipped with two-speed hydraulic clamping chuck, tool holder arm carriage with automatic movement, automatic tool rotation and mobile control unit for safe and convenient operation.

The greatest number of operating arm automatic features, high performance and most powerful engines make this tyre changing machine ideal choice for those, who want something more than S 551 XL.

Suggested for professional truck tyre service and high volume shops.

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;
- 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);
- 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	14" - 46"
Rim clamping range with extensions (optional)	14" - 58"
Max. tyre diameter	2400 mm (94,5")
Max. tyre width	1300 mm (51")
Power supply	400V (50 Hz) - 3ph / 2 speed Other voltages and frequencies available upon request
Hydraulic pump motor power	1,5 kW
Gearbox motor power	1,8 / 2,5 kW
Operating pressure	130 bar (1885 psi)
Bead breaker force	36000 N
Net weight	1025 kg
Max. tyre assembly weight	1800 kg
Max overall dimensions	2210÷2850x1840÷2050x970÷1900 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 3 (9238598)
Multichannel radio control 433 MHz ((only for S551 XLA and S560)



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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