



Automatic Heavy Duty Truck tyre fitting machine, suitable for truck and agriculture tyres, 14" - 56"<sup>(1)</sup>

Automatic tyre fitting machine suitable for truck and heavy duty tyres with 14" to 56" rim (max. wheel diameter 2300 mm./90,5"; max. wheel width 1100 mm./43"). 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"-58"**  
Allows to operate with tyre assemblies from 14" 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



**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

Automatic tyre fitting machine suitable for truck and heavy duty tyres with 14" - 56"<sup>(1)</sup> rim (max. wheel diameter 2300 mm / 90,5"; max. wheel width 1100 mm / 43") equipped with two-speed hydraulic clamping chuck tool holder arm carriage with automatic movement, and mobile control unit for safe and convenient operation. Suggested for truck, bus and agriculture tyres, professional truck tyre service and high volume shops. Suitable for both tube and tubeless tyres.

### 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) manual 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).

<sup>(1)</sup> 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	2300 mm (90,5")
Max. tyre width	1100 mm (43")
Bead breaker force	26350 N
Operating pressure	130 bar (1885 psi)
Power supply	400V (50 Hz) - 3ph / 2 speed
Hydraulic pump motor power	1,1 kW
Clamping chuck motor power	1,3 / 1,8 kW
Net weight	850 kg
Max. tyre assembly weight	1500 kg
Max overall dimensions	2000÷2450x1800÷2250x880÷1840 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.



**BGL** (9299269)  
Bead guide lever.



**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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