

# 5 228 PRO DUO L-N-L





# Racing Super-Automatic Lever - No Lever Tilt Back Tyre Changer with combined two Assist Arms

Racing super-automatic lever - no lever tilt back tyre changer for tyres with rim from 10" to 28". Two integrated assist arms help while mounting/demounting tyre and PO System grants no BB shovel stuck into the rim.



Resistance Under Stress Coefficient (**RUSC**) gives some idea of how robust a tyre changer can be, in terms of strength and power against all different kinds of stress involved in mounting/demounting tyres. Do you want to know more about RUSC ? Click here !

# Approved by



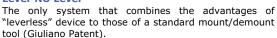
Main Features



Car Suitable for car wheels



## Lever NO Lever





**Racing** Tyre changer with reinforced chassis.



# Wheel clamping with adjustable jaws

Allows to increase the clamping range of the turntable plate up to a maximum of 4", by sliding jaws without jeopardizing product reliability and durability.



#### Press Arm Helps easy mounting/demounting of the second bead of

ultra low profiled tyres or run-flat.



#### Superautomatic

Model with four control pedals, tilting tower, sliding horizontal arm and operating arm with automatic lowering and locking by pushing button.



## 10"-28"

Allows to operate with tyre assemblies from 10" to 28".



# Jaw Clamping

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



# Blade Bead Breaking

Bead breaking by conventional blade, works with tyre assembly in vertical position



HELF

Help

Helps easy mounting/demounting of tyres, keeping down the tyre bead and allowing an easy introduction of bead lever as well as an easy setting in position of the second bead.

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# PO System

Patented GIULIANO device to prevent bead breaker blade from getting stuck between rim and tyre bead during bead breaking operation.



#### Two speed chuck

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





Description

Racing super-automatic lever - no lever tilt back tyre changer for tyres with rim from 10" to 28" (max. wheel diameter 1100 mm./43", max. wheel width 415mm./16"). S 228 PRO DUO L-N-L is the most complete version of S 228 series, that combines technical features of the base model **two helper arms** and **lever no-lever** mounting/demounting sytem. In this way, **two different pressures** may be optimized to make **best use of the both helper arms**. This solution allows working faster and much more easily on both sides of the tyre. Finally, PO system grants no bead breaker blade stuck into the rim during bead-breaking operations. Suggested for high volume tyre shops, servicing racing, run flat and UHP tyres.

Functions

- Tilting tower, sliding horizontal arm with ø 41 mm operating arm;
- Bead breaker double effect cylinder ø 200 mm;
- Reinforced Chassy and tower;
- Equipped with Lever No Lever tyre mounting/demounting system (Giuliano Patent);
- Tabletop thickness 14 mm w/adjust. jaws (Giuliano Patent);
- Double rotation speed by pedal;
- Tyre inflation by pedal (standard);
- Adjustable bead breaker shovel angle;
- Equipped with Help and Press Arm (standard);
- Suitable for Tubeless tyre bead seating system (optional);
- "Easy Access" extractable pedal box for quick service;
- PO System, Giuliano patent, for granting no BB shovel stuck into the rim;
- **Robotic pipe** for operating arm positioning/lock.

WDK: Version available upon request

# Standard Features

Rim clamping range from outside	10" - 26" By adjustable jaws
Rim clamping range from inside	12" - 28" By adjustable jaws
Max. tyre diameter	1100 mm (43")
Max. tyre width	415 mm (16")
Bead breaker cylinder force at 10 Bar	30800 N
Operating pressure	10 bar (145 Psi)
Power supply	400V - 3ph / 2 speed 220V - 1ph 220V - 1ph / 2 speed
Motor power	0,8/1,1 kW (3ph)
Rotating speed	7-14 rpm
Pre-set tyre inflating pressure	3,5 bar (50 Psi)
Net weight	409 Kg
Max overall dimensions	1950 x 1890 x 2160 mm

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Standard accessories



**PA** (9215940) PRESS ARM3 additional arm to ease mounting operations of low profiled and UHP tyres.



**HELP** (9236416) HELP4 additional arm to ease mounting operations of low profiled and UHP tyres.



**PED-G** (9236373) Pedal operated inflating device.



Lever NoLever (STD\_LNL) LeverNoLever tyre mounting/demounting device, GIULIANO patent, can work either with or without a bead lifting lever, so you can decide which is the most effortless way to operate on specific tyre applications.







# G-CLAMP (9217471)

G-CLAMP Set. Helps adding extra beadpressure points on top bead while assembling it. Kit includes 2 regular and 2 extra-size Gclamps.



**RJP** (9236282) Kit of rubber coated jaw protectors.





T1 (9217472) Kit of 4 rubber protections for steel rims.

**T2** (9217473) Kit of 4 rubber protections for aluminium rims.



T3 (9217474) Kit of 4 rubber protectors for aluminium rims with arched spokes.



**LB** (9216805) Lube paste bucket, 5 kg.



WL 6 (9242824) Pneumatic wheel lifter



GUN 1 (9236658) Tubeless inflation external kit.



**ORJP** (9216166) Kit of rubber protections for clamping rims from inside using conventional jaws.



MOTO-AD (9235081) Kit of 4 motorcycle wheels clamping adaptors, 6" - 24", with screw lock.



**ATV-AD** (9235082) Kit of 4 clamping adaptors for HARLEY DAVIDSON wheels, oversize height, 6" - 24", with screw lock.



**TPP 4** (9234452) Kit of 10 rear plastic protections, for QX, QX Plus and LeverNoLever System



**TPP 5** (9234453) Kit of 10 front plastic protections, for QX, QX Plus and LeverNoLever System



HD (9208633) Manual bead depressor.

**UHP1** (9238553)

Kit Run Flat UHP.



**CPC** (9214251) Pressing cone for clamping RUN FLAT tires from outside.



QX-AD (9232767) QX, QX Plus adjusting tool and LeverNoLever System



**ROLL** (9241924) Fixed roller plate, to ease bead breaking of heavy wheels.

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