



Racing Super Automatic Tilt Back Tyre Changer with combined two Assist Arms

Racing super-automatic 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



**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".



**Racing**  
Tyre changer with reinforced chassis.



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



**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.



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



**Press Arm**  
Helps easy mounting/demounting of the second bead of ultra low profiled tyres or run-flat.



**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.



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



## Description

Racing super-automatic 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 is the most complete version of S 228 series, that combines technical features of the base model and two helper arms. 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  $\varnothing$  41 mm operating arm;
- Bead breaker double effect Cylinder  $\varnothing$  200 mm;
- Reinforced Chassy and tower;
- Tabletop thickness 14 mm w/adjust. jaws;
- Fitting head designed for both standard and low profiled tyre applications;
- 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.

(\*) 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	390 Kg
Max overall dimensions	1950 x 1890 x 2040 mm



Standard accessories



**PED-G** (9236373)

Pedal operated inflating device.



**AWF** (9213425)

Air filter with pressure regulator and CE manometer.

**G-CLAMP (9217471)**

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

**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, 1 kg.

**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.

**QCK (9208996)**

Quick release kit for mounting tools (includes one plastic tool and one hub for connecting the tool delivered with the tyre-changer).

**SHS (9209086)**

Mounting/demounting tool for soft tyres on steel wheels, including hub for connection to quick release kit (QCK).

**AHS (9213611)**

Mounting/demounting tool for arched spokes rims, including hub for connection to quick release kit (QCK).

**EHS (9235009)**

Mounting/demounting tool for iron wheels with projecting central hub, including hub for connection to quick release kit (QCK).

**GHS (9212850)**

Mounting tool for 6"-12" wheels with operating arm extension.

**QXHS (9230814)**

Kit of QX adaptors for connection to quick release kit (QCK).

**QX-AD (9232767)**

QX and QX Plus adjusting tool.

**TPP 3 (9234453)**

Kit of 10 front plastic protections, for QX and QX Plus.

**TPP 4 (9234452)**

Kit of 10 rear plastic protections, for QX and QX Plus.

**HD (9208633)**

Manual bead depressor.



**PAD** (9237711)  
Manual bead depressor with extendable travelling pad.



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



**UHP1** (9238553)  
Kit Run Flat UHP.



**WL 6** (9242824)  
Pneumatic wheel lifter



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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>

