S 118 QX



Tyre changer for mobile tyre service, space-saving design, patented PAR-MOVE system and Leverless device

Tyre changer for mobile service of passenger vehicle tyres, fits in most popular commercial small vans. The real space-saving machine! Patented PAR MOVE design, with articulated up-down movement of operating arm. Patented Memory System, rigid structure and ergonomic design provide all features of a real professional, high end and full-range tyre service, in a mobile version.

Description

S118 QX **mobile tyre changer** for mobile service of passenger vehicle tyres, fits in most popular commercial small vans. The real space-saving machine!!
Patented **PAR MOVE** design, with articulated up-down movement of operating arm, grants considerable **space saving** inside the van, and enables to store S118 QX with no need to tilt the machine or twist it into the van.
Patented Memory System, **rigid structure** and **ergonomic design** provides all features of a real professional, high end and full range tyre service, in a mobile version.

Tyre changer for **mobile tyre service**: even in the most extreme environmental conditions, free to serve and sure to satisfy your customers.

STRONG POINTS OF THE NEW PATENTED PAR-MOVE SYSTEM, the most efficient and ergonomic in the world:

- **Ergonomic** design. Ergonomic, smooth and effortless positioning and locking of the operating arm.
- **Efficiency & Speed.** Patented memory system keeps track of working position (diameter and width of the rim) making it possible to operate on a full set of wheels of the same type, through pedal control for automatic repositioning.
- **Improved rigidity.** Parallelogram technology involves no sliding parts. Articulated parallelogram movement of the operating arm uses special joints to avoid excessive mechanical plays and reduce any flex of the mounting tool in any direction: transverse T, radial R and vertical V.
- **Extremely precise and powerful**. Once the operating arm is locked in working position, the mounting tool automatically moves up and backwards, to grant the right distance from the rim (at about 2 mm).
- **Safe on wheel**. Thorough structural stress testing has proved PAR-MOVE system to be much more rigid and safe on wheel and tyre than other traditional tyre changer.
- Bead breaker disk provides safe and precise bead breaking operation on both tyre sides, just by flipping the arm manually.
- **Space saver**. The new innovative space saving PAR MOVE tower is not tilting. Thanks to articulated parallelogram movement of the operating arm, the new S118 QX tyre machine do not require any additional rear and side space, as with conventional tilt back models, and can be installed in a working space perfectly fitting its actual overall dimensions.

POWER UNIT – COMPRESSOR
Power Unit is made by four (4) batteries and an inverter to convert batteries' low voltage into 220V AC and power the compressor, as well as the tyre changer (when it is electric power supplied).
Tyre changer can be powered by either a 220V-1ph-50/60Hz inverter motor (0,75 kW) or by air motor just connected to the compressor.

Power Unit can be installed in several different configurations, according to the type of VAN and your preference (total weight 350 kg.)
It is recommended to always install the whole device on a wooden platform, in order to isolate the van bottom surface.

NO FUEL OR GAS EMISSION INVOLVED. 100%% GREEN !!!

Safe and fast tyre changer positioning. Simple mechanism helps moving S118 QX in and out the van with easy process, all by hand. Air operated cylinders, joystick controlled, always complete the operation, securing S118 QX in its storage position or working position outdoor. Once S118 QX is secured outdoor, it just needs 1100mm. space outside the van as working area. Limited working space for a real professional tyre changer !!

Functions

- Robust fixed vertical tower with innovative **PAR-MOVE** parallelogram operating arm [**Giuliano Patent**].
- **QX** Leverless tyre mounting/demounting device [**Giuliano Patent**] for conventional, low profiled, UHP and Run Flat tyres.
- **SMART LOCK** [**Giuliano Patent**] ultra-quick wheel clamping system, through cone and shaft with Smart Lock nut.
- Bead breaker disk is slightly but purposely misaligned with the rim center for a better and faster penetration and immediate bead loosening, **Center Driven Concept CDC** [**Giuliano Patent**].
- Manual tyre changer movement and pneumatically assisted positioning: **safe** and **fast!**
- Power Unit is made by four (4) low voltage batteries, Inverter Unit and compressor 100 lt. 220 V
- Operated by pedal and control console.
- Double rotation speed by pedal (motoinverter). Variable speed air motor available on request.
- Motoinverter for granting faster, more accurate and reliable drive for your tyre changer.
- Arm/disk air operated bead breaker system with **tilting arm** for lower and upper bead.
- Tyre inflation by pedal (standard).
- Portable wheel balancer S862 (optional). **Simple** and **fast**, it allows you to complete the service with quick and **reliable balancing** at

any time.
- Suitable for Tubeless tyre bead seating system (optional).
- Designed, built and engineered in Italy.
- 24 months STANDARD WARRANTY on all Giuliano Parts and **5 YEARS WARRANTY** on our key and patented components.
- "Right to repair" - all service parts available for at least 10 years since production, easy maintenance and reduced environmental impact.

Tyre changer designed specifically for mobile tyre service, tailored to the needs of mobile tyre service professionals.

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Standard Features

Rim clamping range	12"-30"
Max. tyre diameter	43" (1100 mm)
Max. tyre width	15" (381 mm) For reverse mounted wheels, variable according to rim features
Bead breaker force at 10 bar	11700N (1200 Kg) For reverse mounted wheels, variable according to rim features
Max. wheel weight	80 Kg For reverse mounted wheels, variable according to rim features
Operating pressure	8-10 bar (116-145 psi) For reverse mounted wheels, variable according to rim features
Power supply	220 V - 1ph - 50/60 Hz/ 2 speed Motoinverter or Variable Speed Air Motor For reverse mounted wheels, variable according to rim features
Motor power	0,75 kW - 2 speed or 2,2 kW - Variable Speed For reverse mounted wheels, variable according to rim features
Balancing speed	7-16 rpm - 2 speed or 8 rpm For reverse mounted wheels, variable according to rim features
Pre-set tyre inflating pressure	3,5 bar (50 psi) For reverse mounted wheels, variable according to rim features
Net weight	470 Kg For reverse mounted wheels, variable according to rim features
Dimensions (WxDxH)	100mm x 1150-1200mm x 1250-2025mm For reverse mounted wheels, variable according to rim features

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QXHS (9230814)
Kit of **QX** adaptors for connection to quick release kit (**QCK**).



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**)



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



FRR QUICK (9241446)
The new FRR QUICK wheel clamping adaptor has been designed by Giuliano engineers in order to ensure the safest, fastest, easiest and most effortless way to clamp reverse mounted wheels and plastic clad rims onto the standard clamping chuck. Reverse/clad...



9219117
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.



LTK5 (9234456)
Double face cone for light trucks, allows clamping VANs and LCVs wheels with center hole diameter from 75 to 145 mm.



LTK6 (9233680)
Cone for steel rims with low thickness and center hole diameter from 75 to 120 mm



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



SPK 1 (Lamborghini) (9241383)
NYLON CONE FOR SPECIAL LAMBORGHINI WHEELS, allows clamping wheels with center hole diameter from 55 to 85 mm.



SPK 2 (Porsche) (9239459)
NYLON CONE FOR SPECIAL PORSCHE WHEELS, allows clamping wheels with center hole diameter from 60 to 85 mm.



SPK 3 (BMW) (9241717)
NYLON CONE FOR SPECIAL BMW WHEELS, allows clamping wheels with center hole diameter from 55 to 70 mm.



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.



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.

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P-Bar (9234455)
Plastic tyre lever for soft tyres removing operations. To be used during tyre demounting in accordance with the WDK procedure.



FPP 1 (9234454)
Kit of 10 rubber protections for clamping chuck faceplate



LTK3 (9247900)
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.



CPP 2 (9233318)
Kit of 10 ABS protections for cone.



LTK2 (9247902)
Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 190 to 220 mm.

Truck cone kit, allows clamping VANs and LCVs wheels with center hole diameter from 120 to 190 mm.

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