

Product
Info
181

MT3900up C

*New car Wheel Balancers
for car, van and motorcycle wheel*

NEW

07.09
2017

The **MONDOLFO FERRO** balancer range has been improved with the new model **MT3900up C**, presented to the public for the first time during Autopromotec 2017 and **available for sale already since September**.

MT 3900up C TOUCHLESS



The new **MT3900up C** completed the range of **Touchless & Touchscreen** wheel balancers and it was designed for specialists in the sector.

FOR TYRE ASSISTANCE CENTRES, DEALERSHIPS, WORKSHOPS AND CAR MANUFACTURERS DEALING WITH LARGE VOLUMES

It's a **FAST, AUTOMATIC** WHEEL BALANCER AND IT WORKS **WITHOUT EVER TOUCHING THE WHEEL**

Page:

1/5



MONDOLFO FERRO

MT3900up C

New car Wheel Balancers
for car, van and motorcycle wheel

07.09
2017

MAIN FEATURES AND FUNCTIONS

NEWS



Fully Automatic. No manual operations are required of the operator.
Reduced spin time and diagnostic time to make it one of the fastest on the market.

NEWS



TOUCHSCREEN. Graphic interface and touchscreen technology on 22" widescreen monitor both simplify and speed up the operations and the selection of work programmes.

NEWS



Dimension measurements with the TOUCHLESS system (LASER/SONAR)
"Combined" system, which includes an internal laser sensor and an external sonar sensor (Sonar TL3).
The wheel balancer automatically measures the wheels without any intervention by the operator.
All operations for the positioning of adhesive counterweights have been simplified



Wheel locking.
Automatic electromechanical system which reduces work times and increases the centring accuracy.

NEWS



ROD KIT (a richiesta)
(on request) - Diagnostics system with **sonar RunOut Detector Kit** sensors to reduce disturbances (vibrations) generated by geometric deformations of the wheel.

- In a single spin as well as calculate the best coupling of the parts to solve typical vibration while driving issues.
- Simplified troubleshooting indications for the operator

NEWS



EASY TYRE SET. A special vehicle tyre set diagnostic tool for checking run-out (Only when equipped with SONAR RUNOUT KIT) and imbalance (standard). Once all the wheels are memorised, MT3900up C suggests the optimum placement of the wheels themselves on the vehicle for maximum comfort and safety.

NEWS



Hidden Weight 2.0
New programme of "Hidden Weight 2.0" to divide the external side balancing adhesive weight into two equivalent weights hidden behind the spokes. A completely autonomous operation.



USB update. USB port to connect peripheral devices and simplified software updating.

MT3900^{up} C

New car Wheel Balancers
for car, van and motorcycle wheel

07.09
2017



PR zero - Space saving wheel protection (PATENTED). Designed to allow the balancer to be positioned against a wall and allow work on wheels with a **diameter of up to 44" (1.117 mm).**



OPT Flash.

- Reduces the dynamic imbalance resulting from tyre/rim coupling.
- Advanced display of obtainable improvements.
- Improves and facilitates more client comfort.



Easy Weight

Set of programmes which, according to the type of vehicle, allow:

- a 30% saving in balancing counterweights.

- Reduced balancing times.
- Reduced matching operations between the rim and the tyre on the tyre changer.
- See the counterweight savings made.



RPA. Automatic system which, at the end of the cycle, brings the wheel to a balanced position and holds it braked to allow for the application of the clip assisted and adhesive counterweights.



LASER POINT System (point source). Internal point source laser which indicates the application position of the adhesive weights with great accuracy.



LED SPOTLIGHT. Integrated LED lighting for the work area to facilitate cleaning of the rim and the application of the counterweights.



EasyCAL. Simplified machine calibration.

The operator is not required to enter any settings.

Error risks eliminated.



3 OP (3 Operator Program). Allows up to 3 operators to use the machine at the same time.

- Each operator can use his own favourite settings.
- Wheel data storage differentiated by operator.
- Reduction in the dedicated times

MT3900up C

New car Wheel Balancers
for car, van and motorcycle wheel

OPTIONAL ACCESSORIES



1. WL Ø -> 8-21100230 and WL R -> 8-21100248

"Weightless effect" WL-Ø (automatic) and WL-R (manual) wheel lifters which eliminate operator effort, speed up routine operations and ensure perfect centring.

2. SONAR RUN-OUT DETECTOR KIT (ROD KIT) -> 8-21100250

The MT3900up C can also handle diagnostic functions with the special (See at page 2)

3-4. A4 colour inkjet USB printer set -> 8-21120005

with support -> 8-21100236/90

5. HPC -> 8-21100244

High Precision Collets, 8 two-faced slightly tapered bushings

6. Support panel RAL 3002 -> 8-21100253/16*

for HPC High Precision Collets centering kit

7. Dispenser kit -> 8-21100251 for coil of adhesive weights

8. Coil of adhesive weights -> 8-21100252

Iron roll (5 g x 1200 pz)

*For balancers in color other than standard RAL 3002, please use: PN. 8-21100253/64

Page:

4/5



MT3900up C

New car Wheel Balancers
for car, van and motorcycle wheel

EQUIPMENT

07.09
2017

Standard accessories allowing the operator to work immediately with most wheels currently on the market.



The standard equipment includes:

- 4 centring cones $\varnothing 42 \div 118.5$ mm
- 1 tightening sleeve
- 1 hub for automatic locking
- 1 new thrust cap
- 1 wheel gauge
- 1 weight fastening pliers
- 1 SLUG calibration counterweight
- 1 instruction manual

Please find here below the Part Number for this new model:

PN	Description
0-21339000/16	Car wheel balancers MT3900up C (110/230 V-1Ph-50/60 Hz)