



- **Touchscreen**
- **Contactless**
- Fully Automatic
- Automatic hidden weight
- **Optional diagnosis**
- **Heavy Use**

EW_{up}



32"

MT3900up C

LASER SCAN



Automatic ContactLess & Touchscreen Wheel Balancer



GENERAL FEATURES

TOUCHSCREEN

Thanks to graphical user interface and touchscreen on a 22" widescreen monitor using and selecting programs is faster and more friendly.



MULTIFUNCTION BUTTON



SIZE MEASUREMENT WITH CONTACTLESS SYSTEM

Size measurement "Combined" system with internal laser sensor and external sonar sensor (TL3). The wheel balancer automatically measures the wheel size with no operator intervention and simplifies the positioning of the adhesive counterweights.

The integrated LED light illuminates the work area to facilitate rim cleaning and counterweight application.

Hidden Weight 2.0 New program to subdivide the external sidewall adhesive balancing weight into two equivalent totally independent weights positioned behind the spokes of the rim.



RPA AND WHEEL CLAMPING

Electromechanical automatic system that reduces working time and increases centring precision.

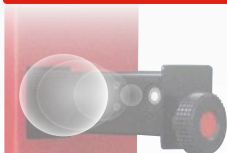
Automatic Positioning At the end of the spin, the wheel is braked and automatically brought into the balancing position (**RPA**).



APPLICATION OF COUNTERWEIGHTS

The **point internal laser** indicates the application position of the adhesive counterweights with the utmost precision.

WHEEL DIAGNOSIS (on request)



Diagnostic system with sonar **RunOut Detector Kit** to reduce the disturbances (vibrations) generated by wheel geometric deformations.



- In a single spin, it measures wheel radial runout and calculates the best coupling of the parts, thus solving the typical vibrations generated during road driving. (FAST MATCHING)
- Guide to mounting the wheel on the vehicle hub in order to eliminate vibrations directly during assembly (BEST FIT)



EASY WEIGHT UP

Reduce working time by up to 20% and the use of counterweights by up to 30%, with immediate economic and environmental benefits. A program designed for More efficiency, less waste, zero complications those aiming at faster and more sustainable balancing.



Thanks to the three on-screen counters, you can monitor in real time the savings achieved in weight, time, and money.

More efficiency, less waste, zero complications

EASY TYRE SET

A special vehicle tyre set diagnostic tool. Once all wheel data are stored, MT3900up C suggests their optimal positioning on the vehicle for maximum comfort and vehicle safety.

Only if equipped with SONAR RUNOUT Kit



WE NEXT

The MT 3900up C is ready for the Nexion digital platform, the intelligent digital connection and management system for workshop equipment.



- Inclined front panel
- Space-saving wheel guard (Patented)
- USB and LAN ports

ACCESSORIES

STANDARD



OPTIONAL

3 COD. 8-21120005



6 COD. 8-21100253/16



5 COD. 8-21100244

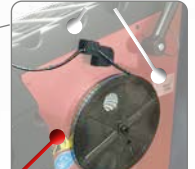


2 COD. 8-21100230
COD. 8-21100248

1 COD. 8-21100250



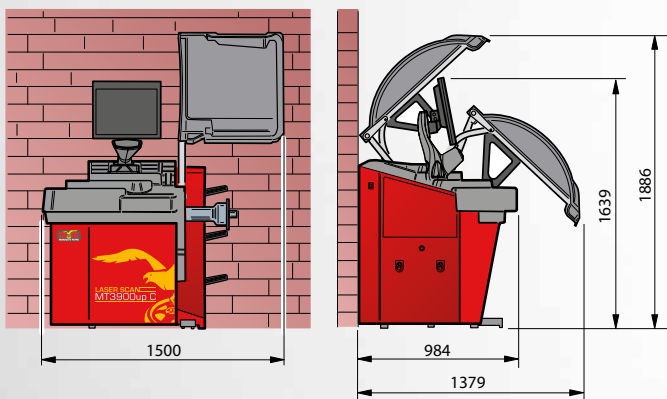
7 COD. 8-21100251



8 COD. 8-21100252

- 1 **RRO RUN-OUT KIT:** The MT3900up C can be upgraded with diagnostic functions using the special RRO kit (optional). Comes standard with RRO and the BEST FIT program, which detects the point of greatest wheel eccentricity.
- 2 **WL ZERO** (automatic) and **WL R** (manual) systems reduce operator effort, speed up daily operations, and ensure perfect centering.
- 3 **A4 Color Inkjet USB Printer**
- 4 **Printer Stand**
- 5 **HPC Set** of 8 high-precision, low-taper double-ended bushings
- 6 **Support Column** for 8 HPC Double-Ended Bushings
- 7 **Adhesive Weight Kit dispenser**
- 8 **Adhesive Weight Coil Iron Roll** (5 g x 1200 pcs)

DIMENSIONS



Photographs, features, and technical data are not binding and may be modified without notice

TECHNICAL DATA

Power supply	115/230V - 1Ph - 50/60Hz
Absorbed power	550 W
Shaft diameter	40 mm, (1,57")
Unbalance measurement resolution	1 g, (0,0353 oz)
Spin-up speed	75 - 85 - 98 r.p.m.
Settable rim diameter	1" ÷ 35"
Measurable rim diameter	10" ÷ 32"
Settable rim width	1.6" ÷ 23.6"
Wheel/machine flange distance	275 mm (10.82")
Maximum wheel width (with protection)	560 mm (22")
Maximum wheel diameter (with protection)	1117 mm (44")
Maximum wheel weight (ground mounting)	85 kg
Average measurement time	7 s
Noise level in operation	< 70 dB (A)