



- **Diagnostic**
- Touchscreen
- Contactless
- **Fully automatic**
- Hidden Weight automatic
- **Intensive use**

**EW<sub>up</sub>**



# MT4000up C EVOLUTION



Diagnostic Wheel Balancer



## MAIN FEATURES



**The integrated LED light** Illuminates the work area to facilitate rim cleaning and application of the counterweights.

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

## TOUCHSCREEN

The user-friendly graphic interface, together with the latest touchscreen technology on 22" widescreen monitor **simplify and speed-up all operations** and program selection.



## 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.

**Measures wheel dimensions** High precision two laser sensors automatically measure all wheel dimensions in a few seconds during the measurement cycle.

## WHEEL LOCKING

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

**Automatic positioning** At the end of the spin the wheel is braked and automatically brought to the balancing position (RPA).

## ADHESIVE WEIGHTS APPLICATION

Achieve perfect balance with ultra-precise laser indication for adhesive weight placement.



## COMPLETE WHEEL DIAGNOSIS



The diagnostic program allows automatic detection of:

- a) **The point of maximum wheel eccentricity** and guides the operator in the correct positioning on the hub, before tightening the bolts, to eliminate vibrations already during mounting (**BESTFIT**);
- b) **The radial and lateral eccentricity** of the wheel (1st harmonic and peak-to-peak) to calculate the best matching between components, solving typical on-road vibration issues (**FAST-MATCHING**);
- c) **The wheel drift** that causes the vehicle to constantly pull to one side of the road when driving straight;
- d) **The tread depth** in 3 areas of the tyre



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## 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 those aiming at faster and more sustainable balancing.

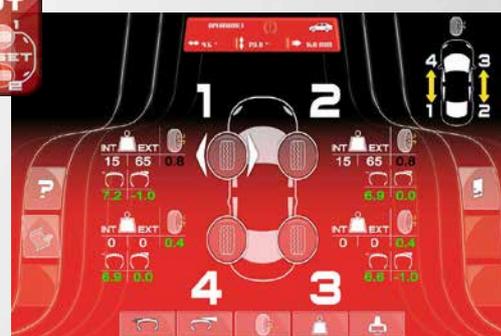
Thanks to the three on-screen counters, you can monitor in real time the savings achieved in weight, time, and money

**More efficiency, less waste, zero complications**

## EASY TYRE SET

A special vehicle tyre set diagnostic tool for checking tread wear.

Once all the wheels are memorised, MT4000up C Evolution suggests the optimum placement of the wheels themselves on the vehicle for maximum comfort and safety.



## WE NEXT

MT4000up C Evolution is designed for integration with the Nexion digital platform, the intelligent system for connecting and managing workshop equipment.

**Inclined front part** To improve operator access to the inside of the rim.  
**Space-saving wheel guard (Patented)** Designed to allow the positioning along the wall, it also permits to hold wheels up to 44" (1.118 mm) maximum diameter.

**USB ports** for connection to peripheral devices and easy software upgrading.

**LAN ports** for connection to your company network



**ACCESSORIES**

**OPTIONAL**

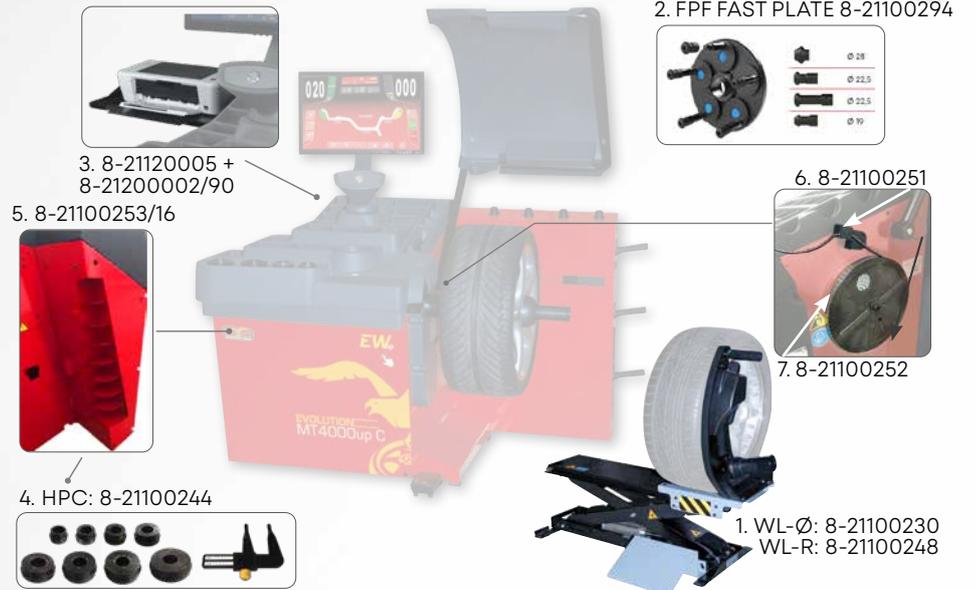
**STANDARD**



**EW**  
up



Ø 42÷118,5 mm



3. 8-21120005 +  
8-21200002/90

5. 8-21100253/16

4. HPC: 8-21100244

2. PPF FAST PLATE 8-21100294

6. 8-21100251

7. 8-21100252

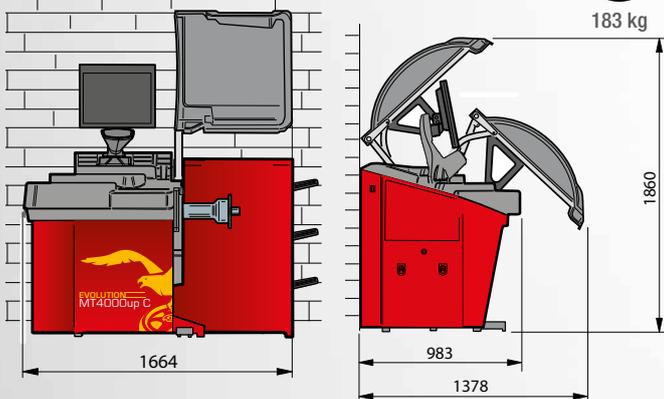
1. WL-Ø: 8-21100230  
WL-R: 8-21100248

- 1 "Weightless effect" **WL-Ø** (automatic) and **WL-R** (manual) wheel lifters which eliminate operator effort, speed up routine operations and ensure perfect centring
- 2 **PPF FAST PLATE** for 5-hole rims. Clamping range: 95.25 ÷ 180 mm
- 3 A4 colour inkjet **USB printer** set with support
- 4 8 two-faced slightly tapered bushings
- 5 **Support column** colour RAL 3002 for 8 HPC two-faced bushings
- 6 **Dispenser Kit** for coil of adhesive weights
- 7 **Coil of adhesive weights** Iron roll (5 g x 1200 pcs)

**TECHNICAL DATA**



183 kg



Supply voltage	115/230V - 1Ph - 50/60Hz
Power absorption	550 W
Shaft diameter	40 mm
Unbalance measurement accuracy	1 - 5 g
Spinning speed	75 - 85 - 98 r.p.m.
Rim diameter setting range	1" ÷ 35"
Rim diameter measurable	10" ÷ 32"
Rim width setting range	1.6" ÷ 23.6"
Wheel support flange/machine distance	275 mm (10.82")
Max. wheel width (with guard)	560 mm (22")
Max. wheel diameter (with guard)	1117 mm (44")
Max. wheel weight (ground fastening)	85 kg
Average measuring time	7 s
Noise level when running	< 70 dB (A)

The manufacturer reserves the right to modify the features of its products at any time