



**Advanced  
technology,  
superior  
performance!**



TECHNOLOGY  
PARTNER  
*product*



 32"



**Super automatic diagnostic balancer!**



Fully Automatic



Touchscreen interface



Dimension measurement with contactless system



Automatic wheel clamping



Multifunction button



Automatic hidden weight



Complete wheel diagnosis



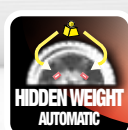
Compact wheel guard



BestFit program



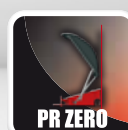
4-wheel positioning



Automatic hidden weight



USB ports



Compact wheel guard



Imbalance optimization



Weight Management



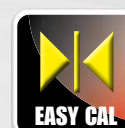
Automatic positioning



Laser Point



Led Illuminator



Easy Cal



Automatic clamping system with wireless technology



Variable speed cycle



3 operators



Shift plane



Connectivity



## FULLY AUTOMATIC

**Fully automatic**, offering some of the fastest launch and diagnostic times in the world, with **no manual operations required by the operator**.



DISCOVER

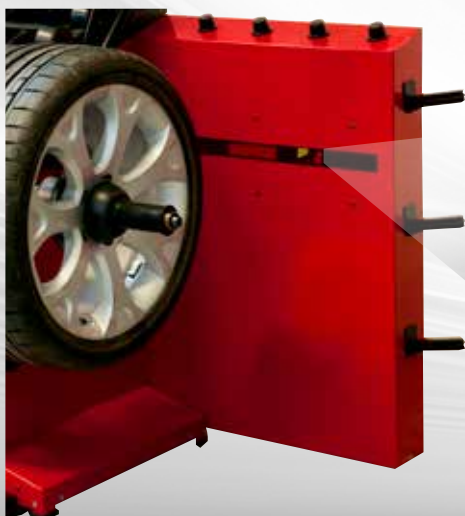
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## TOUCHSCREEN INTERFACE



The graphic interface and touchscreen technology **simplify** and **speed up operations** and work programme selection.

## WHEEL SIZE DETECTION WITH CONTACTLESS SYSTEM



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

## AUTOMATIC POSITIONING AND LED ILLUMINATOR



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

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

## ADHESIVE COUNTERWEIGHT APPLICATION



The internal point laser pointer indicates the correct position for applying the adhesive counterweights with absolute precision.

## COMPLETE WHEEL DIAGNOSIS



The diagnostic program automatically detects:

- a) the point of maximum wheel eccentricity and guides the operator for correct hub positioning before tightening the bolts, eliminating vibrations during the mounting phase (**BESTFIT**);
- b) radial and lateral wheel run-out (1st harmonic and peak-to-peak), to calculate the optimum mounting position for the tyre on the wheel and solve the common problem of road vibration (**FAST-MATCHING**);
- c) wheel drift, which causes the vehicle to pull constantly to one side of the road when driving in a straight line;
- d) tread depth, in 3 areas of the tyre



Radial and lateral wheel run-out



Tread depth and wheel drift





## INTELLIGENT POSITIONING, WEIGHT MANAGEMENT PLUS, HIDDEN WEIGHT AUTOMATIC

All **professional programmes** are displayed on a swivelling wide screen monitor with high resolution graphics and a simple user interface.



### INTELLIGENT POSITIONING

A **special vehicle tyre set diagnostic tool** for checking tread wear, drift angle, run-out and imbalance.



Once all the wheels are memorised, **EM 9980C Plus suggests the optimum placement** of the wheels themselves on the vehicle for **maximum comfort and safety**.



### WEIGHT MANAGEMENT PLUS

Reduce work time by up to 20% and counterweight use by up to 30%, with immediate economic and environmental benefits.

A program designed for those aiming for faster and more sustainable balancing. Thanks to the three on-screen counters, you can monitor real-time savings in weight, time, and money. **More efficiency – Less waste – Zero complications**



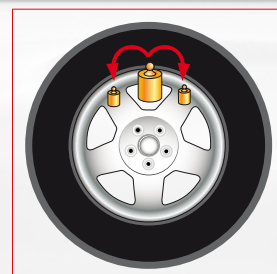
### HIDDEN WEIGHT AUTOMATIC

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



### OPT FLASH

**Minimises road noise** by allowing the operator to alter the position of the tyre on the rim in order to optimise quietness.



### WE NEXT

Compatible with the WeNext platform.

## AVAILABLE WHEEL CLAMPING



**Winut** - Simply press the button on the sleeve to lock quicker and with less effort than before.

**No need to use your foot** to operate the automatic clamping system.



**EASY TO USE:  
SAVE EFFORT  
SAVE TIME**

**Electronic clamping** - New **electromechanical system** which reduces working times and increases centring precision.

## MULTIFUNCTION (ONE-TOUCH) BUTTON AND WEIGHT TRAY

**One-Touch** multifunction button - Makes the selection of work programmes simpler and quicker.

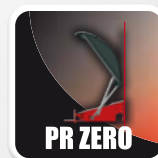
**Ergonomic and functional weight holder top** with large trays for different types of counterweights and tools.



## SLANTED FRONT AND COMPACT WHEEL GUARD

**Slanted front panel**, ensuring operator's easier access to rim inner section

**Compact wheel guard** (patented), designed tfor wheel balancer wall mounting and accomodating wheels up to a **max. diameter of 44"** (1,118 mm).



## USB PORTS

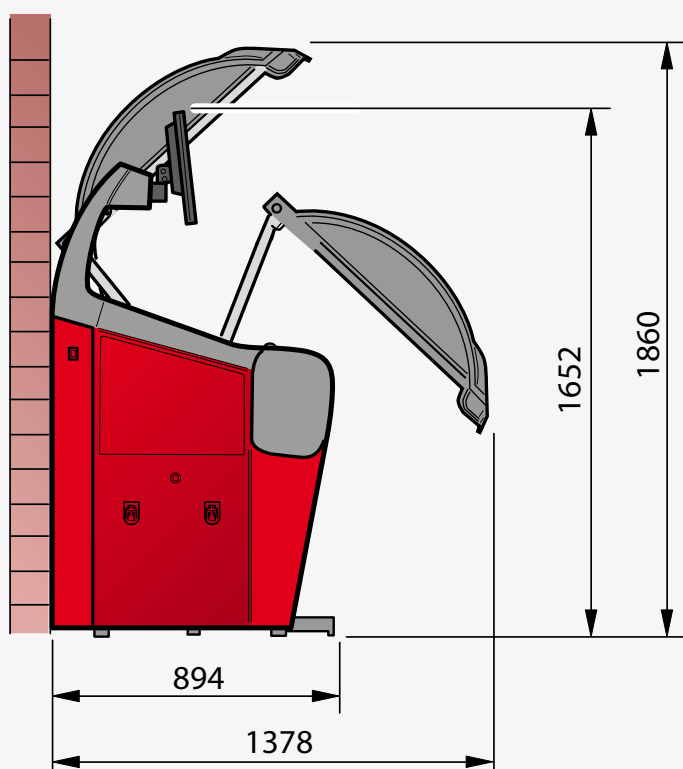
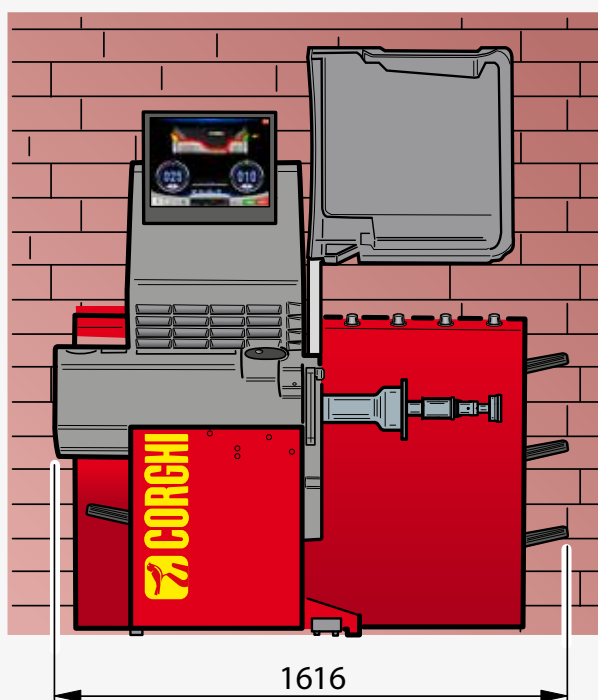
**USB ports** for connection to peripheral devices and simplified software upgrades.



## TECHNICAL DATA

Mains power voltage	115÷230V - 1Ph 50/60Hz
Total power consumption	550 W
Balancing speed	75-85-98 rpm
Maximum imbalance value	999 g 35,3 oz
Resolution	1-5 g - 0,0353 - 0,1764 oz
Average measurement time	7 s (14 kg wheel)
Shaft diameter	40 mm - 1,57"
Settable wheel width range	1,6" ÷ 23,6"
Settable wheel diameter range	2" ÷ 35"
Measurable wheel diameter range	10" ÷ 32"
Maximum wheel width (with guard)	560 mm - 23,6"
Maximum wheel diameter (with guard)	1118 mm - 44"
Wheel/machine support flange distance	275 mm - 10,82"
WINUT device working frequency	2.4 GHz
Maximum radio frequency signal strength	100mW
Wheel weight	85 kg
Machine weight	183 kg

## DIMENSIONS

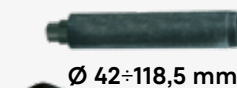




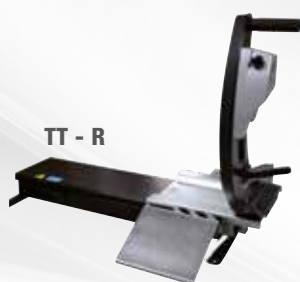
## DOTATION

### VERSIONS

#### AUTOMATIC LOCKING



## RECOMMENDED ACCESSORIES



TT - R

### 8-21100230 TT-Ø

### 8-21100248 TT-R

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



### 8-21100244 HPC

Set of 8 double-ended bushings with low taper and high precision



### 8-21100251

Dispenser kit for adhesive counterweights

### 8-21100252

Adhesive counterweight coil. Iron roll (5 g x 1200 pz)



### 8-21100253/16

RAL 3002 support columns for 8 HPC two-faced bushings

\*For balancers in color other than standard RAL 3002, please use: PN. **8-21100253/90**



### 8-21120005 PRINTER

Diagnostic data and reports printed in colour in A4 format

with support

### 8-21100236/90



### 8-21100294

### FPF FAST PLATE

for 5-hole rims.

Clamping range: 95,25 ÷ 180 mm

For further information, consult the complete accessories catalogue