

B 540 C Evo Pro



Diagnostic Contact-Less & Touchscreen
wheel balancer for car, van
and motorcycle wheels

Advanced Diagnostics for
Complete Wheel Control

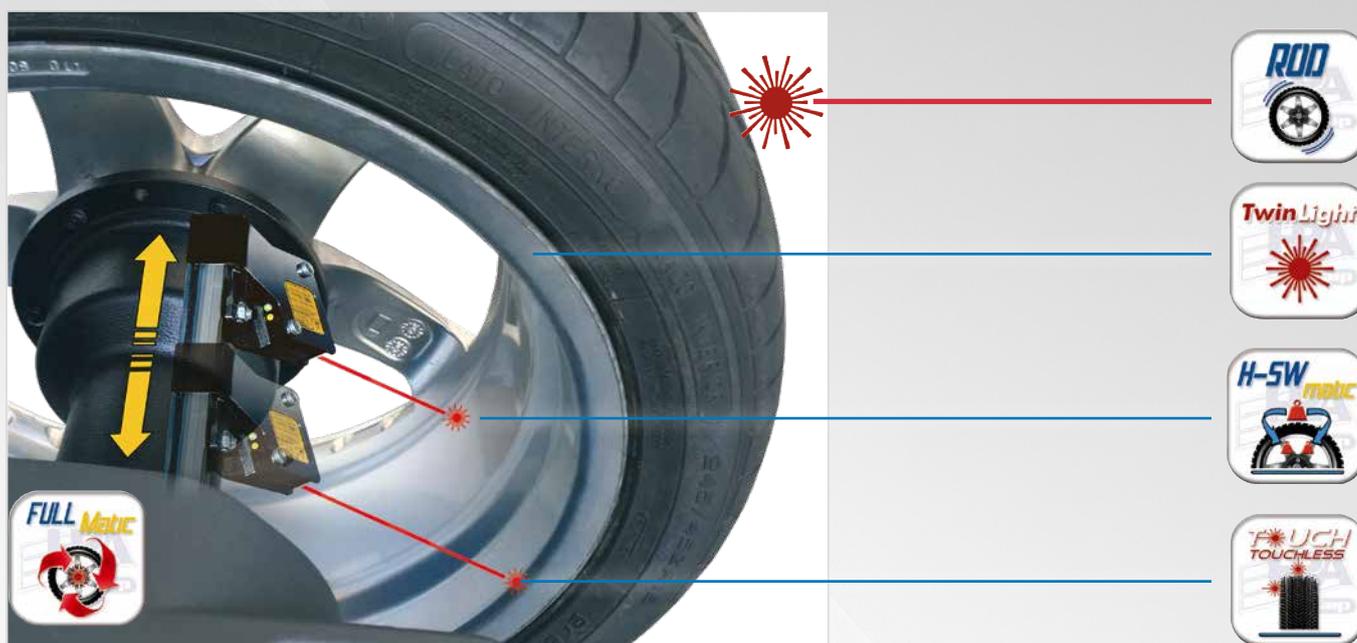


MAIN FEATURES

Evolution of **Contact-Less & Touchscreen** range, it is a diagnostic wheel balancer designed for the sector specialists.

It is also particularly indicated for less experienced operators since it is **extremely easy to use**.

It's a fast, automatic wheel balancer and it works without ever touching the wheel.



FULL MATIC

No manual operations are required by the operator.

Reduced spin time and diagnostic time to make it one of the fastest on the market.

- **CONTACTLESS AUTOMATIC DIMENSIONS**

Automatically measures wheel dimensions and autonomously selects the planes of clip and tape weights.

- **HS-W MATIC**

Automatically divides and hides external tape weights behind spokes.

- **COMPLETE DIAGNOSIS**

Automatically detects key wheel parameters, optimises mounting, improves part matching and analyses wear and on-road behaviour.

- **TWINLIGHT**

The wheel is automatically positioned at the end of the spin and the LASER pointer indicates the exact balancing position with maximum precision.

TOUCHSCREEN INTERFACE

The user-friendly graphic interface, together with the latest touchscreen technology on 16/9 VDU simplify and speed-up all operations and program selection.



MULTIFUNCTION BUTTON

Further speed-up of different routines and programs selection.



WEIGHT TRAY

Ergonomic and functional, it features many large trays to house all different types of counterweights and the various tools.

USB AND LAN PORTS

For connection to peripheral devices and easy software upgrading. LAN ports for connection to your company network.

SPACE-SAVING WHEEL GUARD (Patented)

Designed to allow the positioning along the wall, it also permits to hold wheels up to 44" (1,117 mm) maximum diameter.

INCLINED FRONT SIDE

For higher ergonomics and easier access of the operator to the inner part of the rim.



FUNCTIONAL FEATURES



“ELECTROLOCK” WHEEL CLAMPING

Automatic electromechanical system for shorter operative times and higher centering accuracy.

AUTO-POSITIONING

The wheel is braked and put in balancing position at the end of the spin. Integrated LED spotlight to light-up the work area and make it easier to clean the rim, check the wheel and apply weights.

CONTACT-LESS SYSTEM FOR DIMENSIONS MEASUREMENT

High precision laser sensors automatically measure all dimensions of the wheel in a few seconds during the measurement cycle without any intervention by the operator.

All operations for the positioning of adhesive counterweights have been simplified.



WEIGHTS APPLICATION

The internal LASER pointer indicates the exact position of adhesive weights, with maximum precision.



CONTROL WEIGHT EVO

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



COMPLETE WHEEL DIAGNOSIS

The diagnostic program allows automatic detection of:

- **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**);
- **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**);
- **the wheel drift** that causes the vehicle to constantly pull to one side of the road when driving straight;
- **the tread depth** in 3 areas of the tyre.



TYRE SET CONTROL PROGRAM

A special vehicle tyre set diagnostic tool. Once all wheels data are stored, it suggests their optimum placement on the vehicle for maximum comfort and safety.



TECHNICAL FEATURES



Automatic balancing with electronic clamping brake



Automatic function which, depending on the type of wheel, sets the optimal run speed from 75 to 98 rpm



Automatic Position Search (RPA)



Three different working environments
 - Unbalance display in grams or ounces
 Types of balancing available:
 Standard - Static - 5 Alu / 2 Alu P - Motorcycle dynamic - Motorcycle Alu



“Shift planes” program (in ALU P)



New H-SW matic programme to divide the external side balancing adhesive weight into two equivalent weights hidden behind the spokes: a completely autonomous operation



OPT flash program
 General utility programs:
 Calibration, Servicing, Self-diagnostics

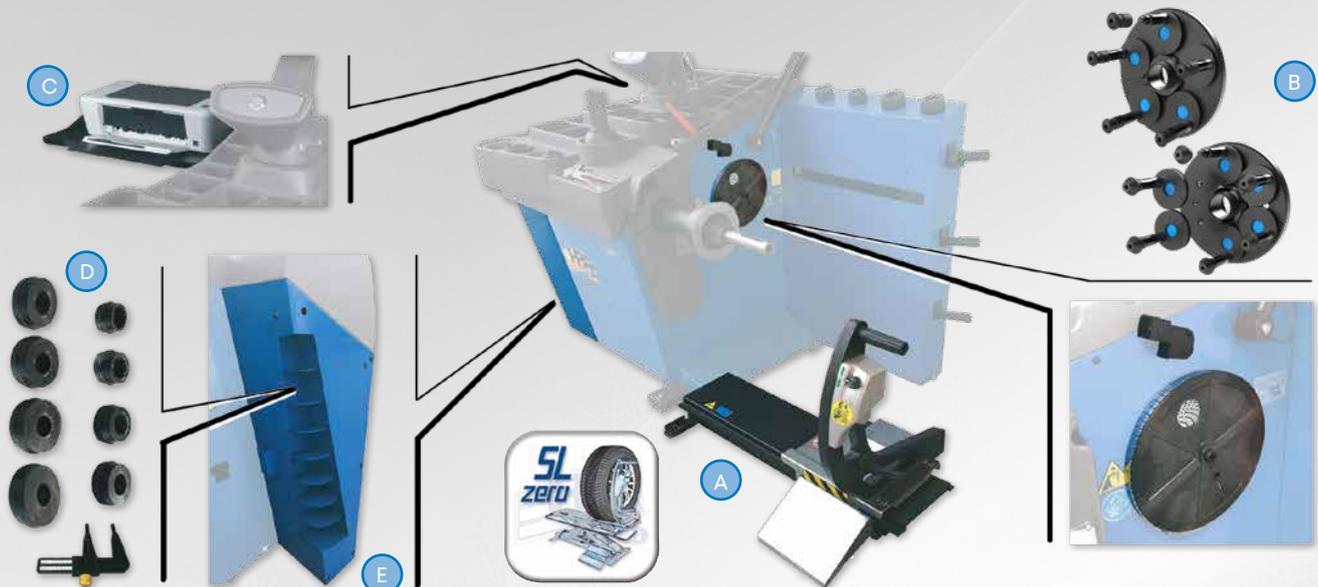


B 540 C Evo PRO is ready for the Nexion digital platform, the smart digital connection and management system for workshop equipment

EQUIPMENT



OPTIONAL ACCESSORIES



A. SL-Ø AND SL-R WHEEL LIFTING DEVICES

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

B. FPF FASTPLATE

for 3- 4- 6- 8-hole rims.
Clamping range 95.25 - 180 mm

C. A4 colour inkjet USB printer set with support.

D. HPC High Precision Collets, 8 two-faced slightly tapered bushings.

E. Support column for 8 HPC two-faced bushings.

F. Dispenser kit for coil of adhesive counterweights

G. Coil of adhesive weights. Iron roll (5 g x 1200 pcs).

TECHNICAL DATA

Supply voltage	115/230 V-1 Ph-50/60 Hz
Total 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)	75 kg
Average measuring time	7 s
Noise level when running	< 70 dB (A)
Machine weight (without accessories)	183 kg

DIMENSIONS

