

B 445 C Evo



Automatic ContactLess
& Touchscreen Wheel Balancer



The new **B 445 C Evo** completed the range of **Contact-Less & 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**.

Equipped with a new automatic electromechanical system that reduces working times and increases centering precision.



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

- **AUTOMATIC DIMENSIONS**

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

- **H-SW MATIC**

Divide e nasconde in automatico i contrappesi esterni dietro le razze.

- **TWINLIGHT**

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

- **RADIAL RUN-OUT OF THE WHEEL (on request)**

Detects wheel eccentricity using a special sonar system and recommends the best pairing.

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.

FUNCTIONAL FEATURES



“ELECTROLOCK” WHEEL CLAMPING

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

CONTACT-LESS SYSTEM FOR DIMENSIONS MEASUREMENT

With a “combined” system, which includes an internal laser sensor and an external sonar sensor Sonar SMD.

B 445 C Evo automatically measures the wheel without any intervention by the operator. All operations for the positioning of adhesive counterweights have been simplified.



AUTOMATIC POSITIONING & LED LIGHT

After spin-up, the wheel is braked and automatically positioned for balancing (RPA). **Integrated LED lighting** illuminates the work area for easier rim cleaning and weight application.



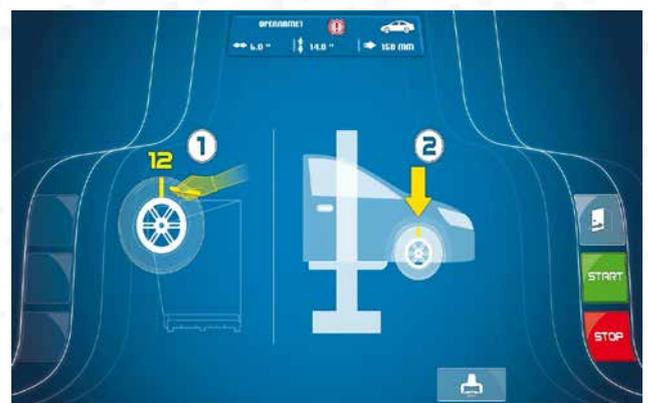
ADHESIVE WEIGHT APPLICATION

The internal pinpoint laser precisely indicates the position for adhesive weight placement.



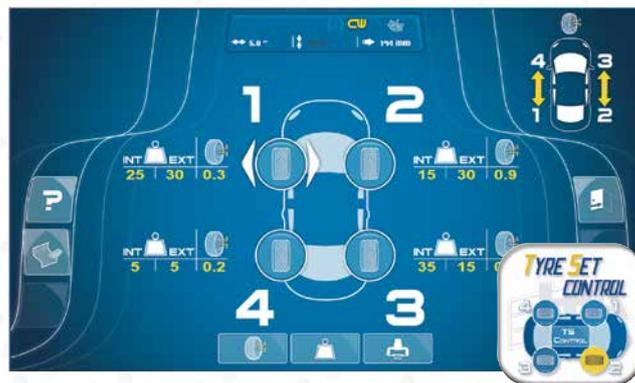
SONAR RUN-OUT & BEST FIT (optional)

System for diagnosing wheel radial runout, the main cause of vibrations that cannot be eliminated by standard balancing. Integration of the **RUN-OUT sonar sensor** and **internal laser sensor** allows precise analysis of the wheel and rim, identifying the best pairing for superior driving comfort. The **BESTFIT** software **activates automatically**, displays the point of maximum eccentricity, and guides the operator in correct hub positioning, eliminating vibrations during mounting.



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.



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.

PROTEZIONE RUOTA SALVASPAZIO

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.



TECHNICAL FEATURES

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



Automatic balancing with electronic clamping brake



Automatic function which, depending on the type of wheel, sets the optimal run speed from 70 to 98 rpm



Automatic Position Search (RPA)



Three different working environments
- Unbalance display in grams or ounces



“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



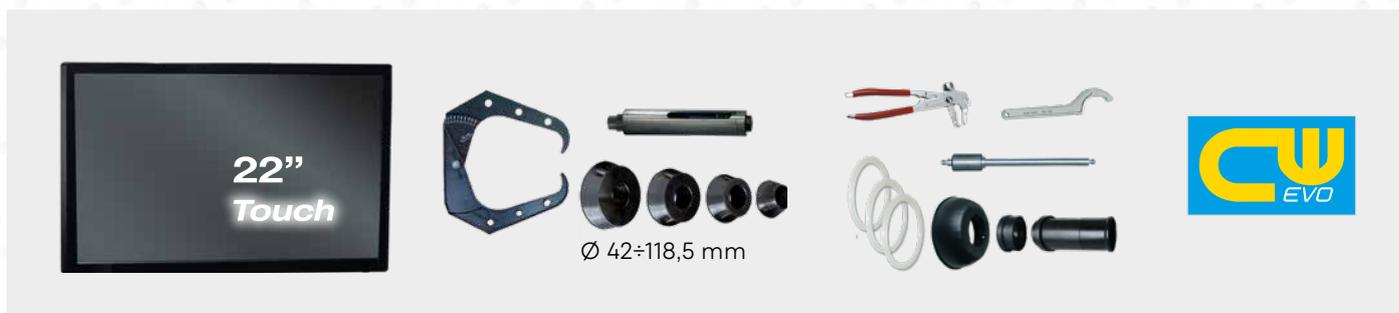
OPT flash program
General utility programs:
Calibration, Servicing, Self-diagnostics



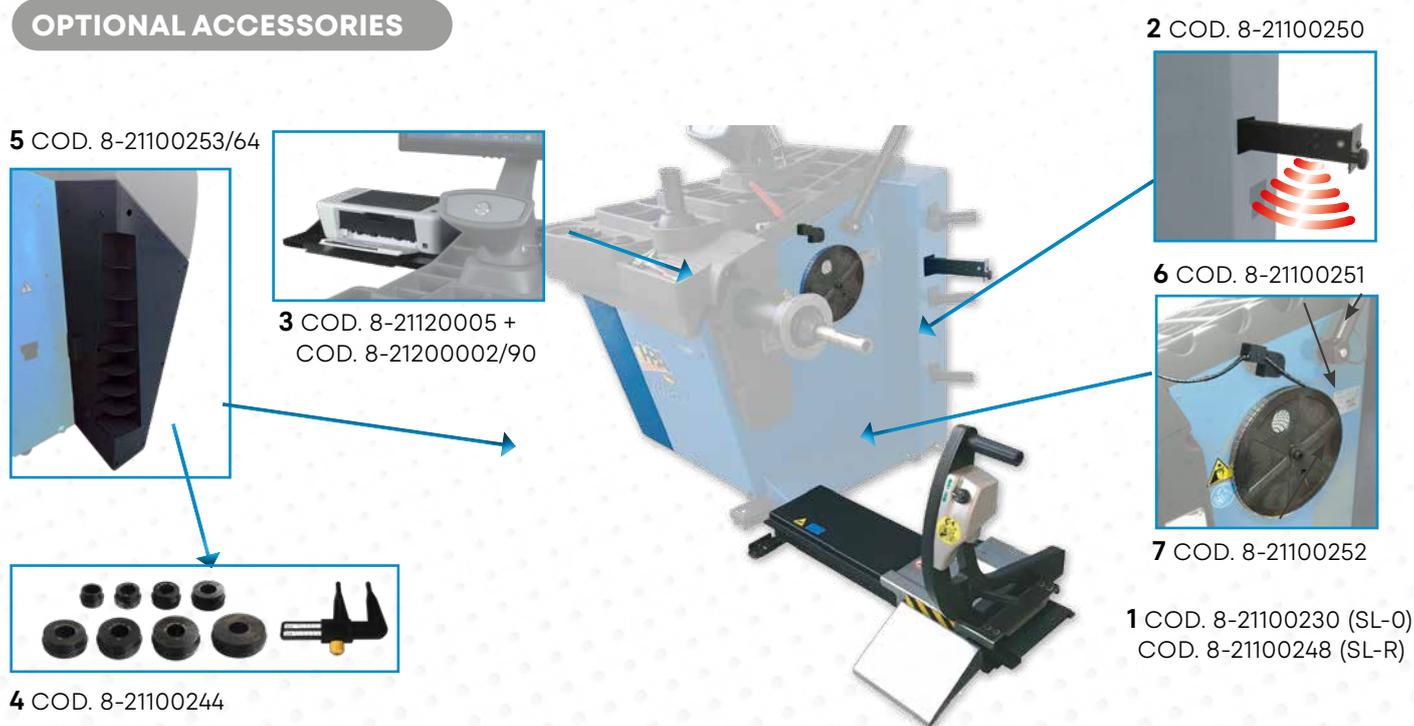
WE NEXT

B445 C EVO is ready for the Nexion digital platform, the smart digital connection and management system for workshop equipment

EQUIPMENT

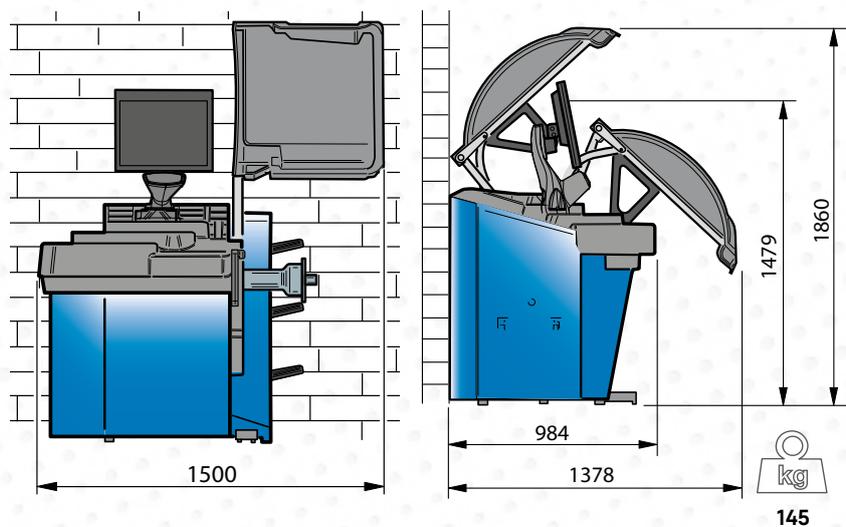


OPTIONAL ACCESSORIES



1	Weightless effect SL-Ø (automatic) and SL-R (manual) wheel lifters which eliminate operator effort, speed up routine operations and ensure perfect centring.
2	RUN-OUT KIT La B 445 C EVO can also handle diagnostic functions with the special sonar ROO kit which can measure radial run-out for the wheel in a single spin as well as calculate the best coupling of the parts to solve typical vibration while driving issues.
3	A4 colour inkjet USB printer set with support.
4	HPC High Precision Collets, 8 two-faced slightly tapered bushings.
5	Support column for 8 HPC two-faced bushings
6	Dispenser kit for coil of adhesive counterweights
7	Coil of adhesive weights. Iron roll (5 g x 1200 pcs)

DIMENSIONS



TECHNICAL DATA

Power supply	115/230v - 1Ph - 50/60Hz
Absorbed power	550 W
Shaft diameter	40 mm
Unbalance measurement resolution	1 - 5 g
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)

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



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