

CEMB[®] USA
GARAGE EQUIPMENT

MOVE!

USE IT WHEREVER YOU CHOOSE!



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OUR INNOVATIVE 2-HIT TECHNOLOGY INTRODUCES A UNIQUE AND EFFICIENT APPROACH TO DATA INPUT

By manually rotating the wheel, the **Laser Spotter**, working in tandem with a line laser (**Laser Matching**), precisely measures rim dimensions without requiring a traditional gauge. The same laser identifies the exact location for correction weights, significantly simplifying the balancing process. The data collected by the two lasers is verified and seamlessly transmitted to the software with a single button press.

The **digital interface** provides the measurements for one plane balancing weight placement resolving the need for multiple weights on the rim. However, with a push of a button you can also switch to inner and outer diameter weight placement resolving static and dynamic imbalances, as done in traditional balancing

- **Virtual Sonar:** Enables 3D wheel measurements by calculating rim width when dealing with metal rims or the absence of sonar.
- **OPB (One Plane Balancing):** Corrects both static and dynamic unbalance on a single plane using only one weight.
- **AutoAdaptive Mode:** Introduces a new tolerance calculation system for enhanced accuracy.
- **Electromagnetic Brake:** Locks the wheel precisely at the weight position for accurate balancing.
- **Automatic Approach:** Aligns the wheel within 15° of the balancing weight application point, minimizing operator effort for precise placement.
- **Professional Software:** Includes SPLIT, OPT, and ALU for advanced functionality.
- **ALU-S 3D Balancing Mode:** Ensures precise placement of adhesive weights on internal rim planes with a dedicated counterweight position indicator.
- **LED Work Light:** Illuminates the inner rim area for improved visibility during operation.

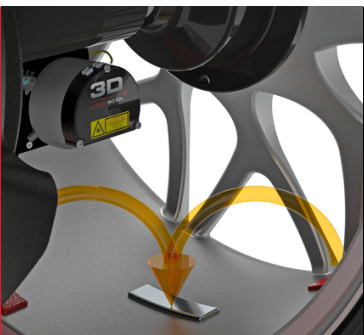


Virtual Sonar

VIRTUAL

INNOVATIVE 3D SOFTWARE THAT CALCULATES RIM WIDTH

- Once the first correction plane is identified, the advanced Virtual Sonar software calculates the rim's width and determines a range of potential external correction planes.
- During the measurement spin, Virtual Sonar checks that the indicated correction is sufficient to stay within the tolerance range for all possible external planes.
- If any plane requires a correction that leaves the residual unbalance outside the tolerance range (as determined by the AutoAdaptive software), the system will prompt the operator to manually input the rim width in millimeters.



One Plane Balancing

REVOLUTIONIZING BALANCE WITH SINGLE-WEIGHT PRECISION

- OPB (One Plane Balancing) eliminates both static and dynamic unbalance using a single counterweight, precisely indicating where to apply it inside the rim.
- The balancer automatically determines if both unbalances can be corrected with one weight and activates the OPB program when applicable.
- This innovative approach revolutionizes wheel balancing, saving time and significantly boosting productivity.

MOVE!

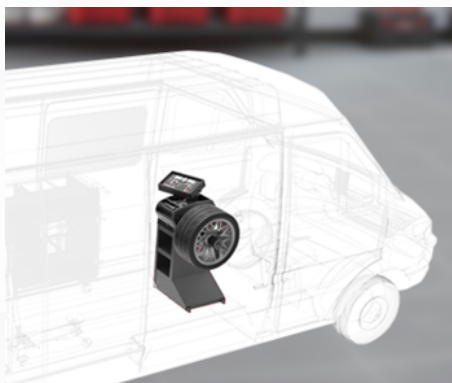
**LIGHTWEIGHT DESIGN,
ERGONOMIC FUNCTIONALITY,
AND UNMATCHED VERSATILITY**

THE CEMB MOVE! IS A FULLY-AUTOMATIC BALANCING MACHINE PERFECT FOR MOBILE SERVICE OR SPACE-LIMITED WORKSHOPS. ITS COMPACT SIZE AND VERSATILITY DELIVER HIGH-END PERFORMANCE ANYWHERE.



WORK BENCH

The compact design allows it to be securely mounted to a workbench using two support brackets, saving valuable space.



MOBILE

Equipped with a sturdy cabinet, this configuration is perfect for easy installation in a work van, ensuring reliable performance on the go.

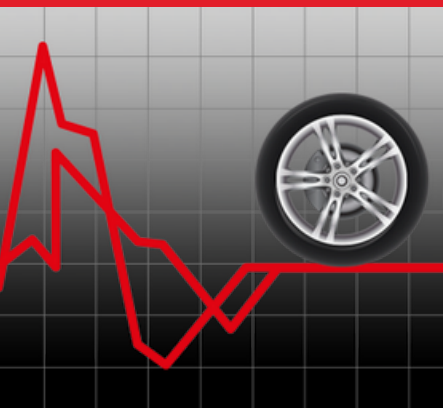


WORK SHOP

With its sturdy cabinet, this version is also ideal for workshops with limited space, offering high functionality without taking up too much room.

⚠ This unit is sold only as a complete set with the cabinet. If removed and mounted elsewhere, proper installation and safety are entirely the customer's responsibility. We are not liable for any issues resulting from modifications or alternative installations.

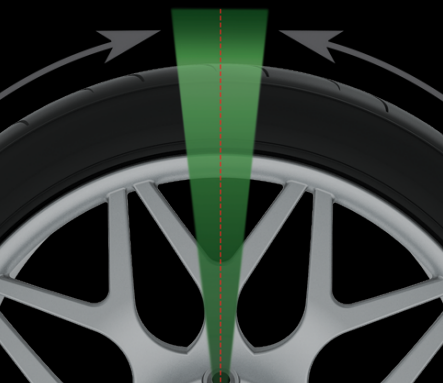
CEMB INNOVATIONS



AutoAdaptive Mode

TOLERANCE CALCULATION FOR A SMOOTHER DRIVE

The innovative AutoAdaptive Mode tolerance calculation system evaluates the residual imbalance limit needed to eliminate perceptible vibration. For each wheel balanced, AutoAdaptive Mode analyzes the weight and dimensions to determine the precise tolerance value required to eliminate steering wheel vibration. This ensures maximum driving comfort while saving valuable balancing time.



Automatic Approach

AUTOMATIC APPROACH TO THE CORRECTION POSITION

After the measurement spin, the wheel automatically stops approximately 15° from the exact counterweight application point, allowing the operator to easily position it with minimal effort. Once the first plane correction is completed, pressing the start/repositioning button moves the wheel to the second correction point.

MOVE!

COMPACT DESIGN, LIMITLESS VERSATILITY

MOTO WHEELS BALANCING



MOTO CORRECTION MODE:

A standard feature that disables auto correction and related functions with the press of a button, automatically selecting the most suitable balancing program for motorcycle wheels.

SPACE SAVING CABINET



OPTIMISED SPACE:

Compared to a standard balancing machine:

- 3 times more compact
- Up to 4 times lighter

MAXIMUM DIMENSIONS:

- 36.6 x 17.8 x 15 inches (with interface open at 90°)
- 30 x 17.8 x 15 inches (with closed interface)

WEIGHTS:

The device itself weighs less than 66 lbs, and with the cabinet it adds approximately 35 lbs.

STANDARD ACCESSORIES

STANDARD KIT PART NUMBER: 41FF034431



RIM WIDTH GAUGE



WEIGHT HAMMER

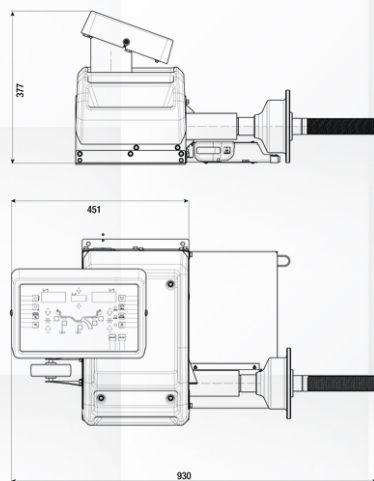
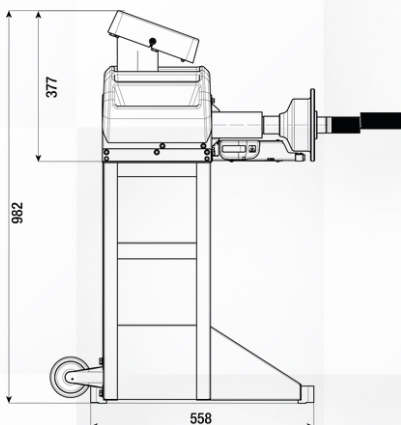


MANUAL LOCKING KIT



CONES

TECHNICAL DATA



POWER SUPPLY: 110V, 1ph, 50-60hz

WHEEL CLAMPING TYPE: MANUAL

MAX. RIM DIAMETER: 30" (765 MM)

MAX. RIM WIDTH: 20" (510 MM)

MAX. TIRE DIAMETER: 42" (1067 MM)

MAX. WHEEL WEIGHT: 165 LBS. (75 KG)

SHIPPING WEIGHT: 100 LBS. (45 KG)

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