

# ER 63



## WHEEL BALANCING MACHINE WITH DIGITAL MULTIFUNCTION DISPLAY

### ER63



### ER63SE



# CEMB





# ER63

## FROM CEMB EXPERIENCE

- **ER63** balancer is the result of CEMB consolidated experience in the manufacturing of high technology garage and industrial balancers since 1946. Development and cooperation with the most important car and tyre manufacturers guarantee to the professionals in the garage equipment field:
- **Reliability**
- **Easy and quick use**
- **Accuracy**
- **Completely configurable**
- **Reduced cycle time!**

## INNOVATIVE DESIGN:

### ERGOFAST

- With **ER63**, CEMB widens its range of products **ERGOFAST**, maintaining the concepts of ergonomics and practicality together with the original design
- **WBA Wheel Best Access**  
Wide space to work inside the rim
- Digital multifunction display
- Ergonomic tool positioning **CLOSE AT HAND!**



#### PNEUMATIC LOCKING



## CORE OF TECHNOLOGY

- **VDD Virtual Direct Drive** - very quick and maintenance free measurement system **CEMB PATENT**
- Lock of wheel in the correction position by means of an **electromagnetic brake**
- Software programs for the professionals: **SPLIT, OPT, ALU**
- **Extended gauge** for diameter and distance measurement of rims up to 28" with new pincer to hold the adhesive weight
- **ALU-S balancing mode** (adhesive weights on the internal rim planes) with specific counterweight position indicator (position repeater)
- **LASER** for weight positioning inside the rim
- **ER63SE - Pneumatic wheel locking CEMB PATENT**  
Floor to floor time reduction / Extremely easy and quick to use / Very accurate wheel centering





### SONAR LA

- LA SONAR for automatic measurement of the wheel width (option for ER63; standard for ER63SE)

## STANDARD ACCESSORIES

In 1952 Cemb created the cone adapters for balancing machines and since then the company continued developing and producing high precision centering systems for any type of wheel.

Cemb does not recommend the use of non-original adapters on its balancing machines.

### UC20/SE2 41FF52768

Standard equipment composed of: 3 cones Ø 45÷110 mm, quick locking sleeve SE2, width gauge, pincer-hammer and 60 g counterweight.



PNEUMATIC LOCKING



### UC20/2 GL40 41FF83149

Standard equipment composed of: 3 cones Ø 45÷110 mm, quick locknut GL40, width gauge, pincer-hammer and 60 g counterweight.



MANUAL LOCKING



## OPTIONAL ACCESSORIES - Especially designed for car manufacturers



### RL CUP 41FF79255

Large plastic cup with polyurethane protection ring for light alloy rims.

### UH20/2 41FF42048

Universal adapter for all wheels with 3,4,5,6 holes (pitch circle Ø 95-210 mm) complete with high precision back centering double cone (Cemb patent) for wheels with/without central hole (Renault, Peugeot and Citroën). Grants double accuracy compared to similar adapters on the market.

### PEUGEOT-CITROËN KIT 41FF73171

High precision kit composed of: 1 bush Ø 60mm + 2 cones (Ø 62 ÷ 68 mm and Ø 54 ÷ 60 mm). Developed according to Peugeot and Citroën specifications.

### VL/2 CONE + G36 DISC 41FF86174

Kit for light truck wheels (Ø 97÷170mm central hole).

### SR4 - SR4/SE - SR5 - SR5/SE SR5/2 SR5/2/SE - SRUSA - SR/USA/SE

Stud adapters for rim protection and high precision centering for wheels with 4 or 5 holes. Studs are made of two pieces, elastically coupled: pressure is therefore homogeneous on all the holes.

### RENAULT KIT 41FF77152

High precision kit composed of: 5 bushes (Ø 60 / 66 / 71 / 88 / 129,9 mm). Developed according to Renault specifications.

### MT CONE 40FF57321

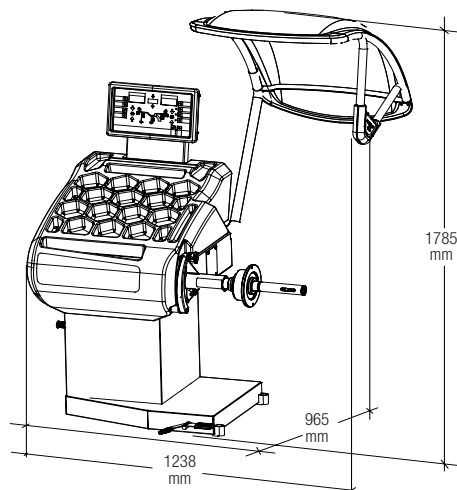
High precision graduated cone for German cars (with central hole Ø 56,5 / 57 / 66,5 / 72,5 mm).

### MERCEDES KIT 41FF88003

High precision kit composed of: 3 cones (Ø 57 - Ø 66,5 - Ø 84/85mm) + 1 pressure spring, according to Mercedes Benz specifications.

FOR MORE INFORMATION SEE THE COMPLETE BROCHURE ON THE WEB SITE

[www.cemb.com](http://www.cemb.com)



#### AVAILABLE IN TWO VERSIONS:

**ER63** Manual locking

**ER63SE** Pneumatic locking and LA sonar

Single phase power supply

Max. absorbed power

Balancing speed

Measuring cycle for 15 kg (33 lb) wheel

Measurement uncertainty

Average noise

Rim width setting range

Rim diameter setting range

Min./Max. compressed air pressure

Max. wheel weight

Machine weight

115 / 230 V 50/60 Hz

0,15 kW

100 rpm

4.7 s

0,5 g

< 70 dB (A)

1.5" ÷ 20" / 40 ÷ 510 mm

10" ÷ 30" / 265 ÷ 765 mm

7 ÷ 10 kg/cm<sup>2</sup>

~ 0.7 ÷ 1 MPa

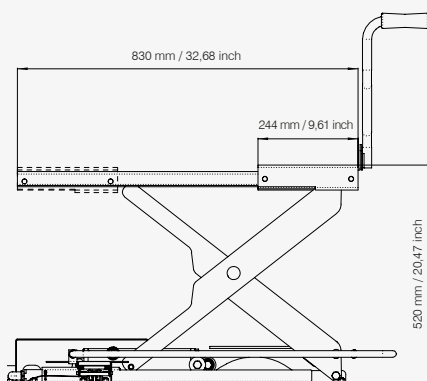
~ 7 ÷ 10 bar

~ 105 ÷ 145 psi

< 75 kg

120 kg

#### OPTION TO INCREASE YOUR PROFITABILITY - ZERO WEIGHT LIFT



Zero gravity effect

Wheel loading and removal without effort or adjustment

**PERFECT CENTERING**

Wheel automatic lifting

Ideal centering and more accurate balancing

**QUICK**

Quicker than any other traditional lift

A single pedal controls the whole working cycle

**AUTOMATIC**

Electronic system with PLC

**UNIVERSAL**

Applicable to any CEMB balancing machine

For more information see the complete brochure on the web site [www.cemb.com](http://www.cemb.com)



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