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ER65



WHEEL BALANCING
MACHINE WITH 17" TFT
FLAT SCREEN



ER65



CEMB

BALANCING MACHINES

ER65

FROM CEMB EXPERIENCE

- **ER65** 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 tire 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 **ER65**, 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
- 17" TFT flat screen
- Ergonomic tool positioning
CLOSE AT HAND!

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
- **Automatic approach** of the wheel within 15° from the point of application of the balancing weight, to allow the operator to position it correctly, with minimum movement





Sonar LA

- LA SONAR for automatic measurement of the wheel width

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.

Standard equipment UC20/2 GL40 composed of: quick locknut GL40, 3 cones Kit and WDC gauge



MANUAL LOCKING

46FC77653
Width gauge



41FF83146

Locknut Kit (quick locknut GL40, with sleeve and ring)



41FF034416

3 cones kit $\varnothing 45 \div 110$ mm, pincer-hammer and 60 g. counterweight



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 $\varnothing 95-210$ 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 $\varnothing 60$ mm + 2 cones ($\varnothing 62 \div 68$ mm and $\varnothing 54 \div 60$ mm). Developed according to Peugeot and Citroën specifications.

VL/2 CONE + G36 DISC
41FF86174

Kit for light truck wheels ($\varnothing 97 \div 170$ mm central hole).

SR4 - SR4/SE - SR5 - SR5/
SE SR5/2SR5/2/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 ($\varnothing 60 / 66 / 71 / 88 / 129,9$ mm). Developed according to Renault specifications.

MT CONE 40FF57321

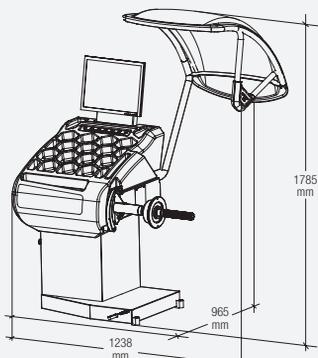
High precision graduated cone for German cars (with central hole $\varnothing 56,5 / 57 / 66,5 / 72,5$ mm).

MERCEDES KIT 41FF88003

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

FOR MORE INFORMATION SEE THE COMPLETE BROCHURE ON THE WEB SITE

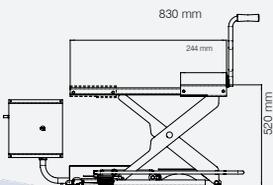
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Single phase power supply	230V/1ph/50 hz
	115V/1ph/60 Hz
Max. absorbed power	0,15 kW
Balancing speed	100 rpm
Measuring cycle for 15 kg (33 lb) wheel	4,7 s
Measurement uncertainty	0,5 g
Avarage noise	< 70 dB (A)
Rim width setting range	1.5" ÷ 20" / 40 ÷ 510 mm
Rim diameter setting range	10" ÷ 30" / 265 ÷ 765 mm
Min./Max. compressed air pressure	7 ÷ 10 kg/cm ²
	~ 0.7 ÷ 1 MPa
	~ 7 ÷ 10 bar
	~ 105 ÷ 145 psi
Max. wheel weight	< 75 kg
Machine weight	120 kg



Zero Weight Lift OPTION TO REDUCE ANY EFFORT



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



CEMB-USA
2873 Ramsey Road
Gainesville, GA 30501

www.cemb-usa.com



Garage Equipment
Division

Phone (678)-717-1050
service@cemb-usa.com

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