



NEW



# CEMB ER

## Er Go Fast Line 100



### *Wheel balancing and diagnostic center*

#### *In 6 seconds:*

- WHEEL BALANCING
- TYRE ECCENTRICITY
- DIRECT MATCHING
- TREAD DEPTH
- TYRE SET

**TOUCH**

High Definition Touch  
Screen with Sound Tones

**LAWD**

Laser Automatic  
Wheel Dimensions

**Zero weight**



Automatic lift

**WBA**

Wheel Best Access

**DCMotor**

Automatically Driven  
Wheel Positioning



**CEMB ER**  
Er Go Fast Line 100



NEW

# CEMB *ER*

## *Er Go Fast Line 100*

### *Automatic wheel dimensions*



Internal Laser



Radial Laser

- All wheel measurements are carried out automatically by our New Laser system (No manual operation needed).
- After the spin cycle, ER100 drives the wheel in correction positioning. No manual data entry or operation required.

### *Automatic brake and weight positioning with laser spot*



- Wheel locking by automatic brake system.
- Led light to illuminate the working space inside the rim to easier the operator work.
- Laser spot to indicate the correct positioning where sticking the counterweight.

### *Pneumatic wheel locking (Cemb Patent)*



- Floor to floor time reduction
- Extremely easy and quick to use
- Very accurate wheel centering guaranteed

# Er Go Fast Line

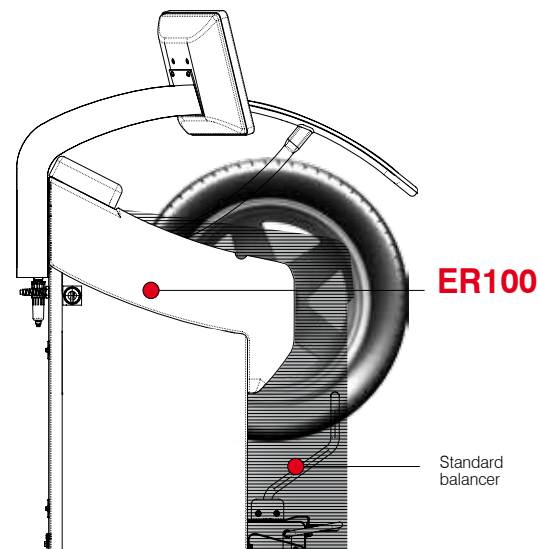
## Ergonomic tool positioning



- Tools, adapters, close at hand.  
Accessories are easily accessible

## WBA

- Wider space to work inside the rim



## Wheel Best Access



**CEMB ER 100**  
Er Go Fast Line 100

Zero weight



# In one spin



## Wheel conicity - tread depth



Measurement of wheel conicity with indication of side slip



Measurement on 3 sections of the tyre

## Tyre set



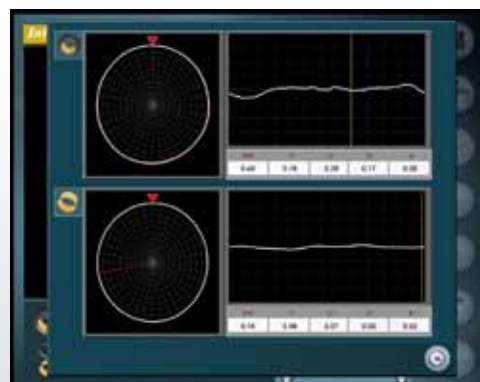
- The software indicates the best wheel positioning on the vehicle to get the best straight line stability (conicity) and to minimize wheel vibrations (eccentricity).

## Direct matching



- Visualization of the best possible matching to reduce eccentricity

## Tyre, rim and wheel eccentricity



- Full diagnosis on rim alone: two plane eccentricity measurement

## Statistic program



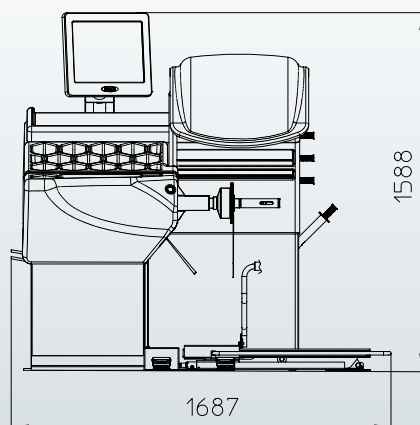
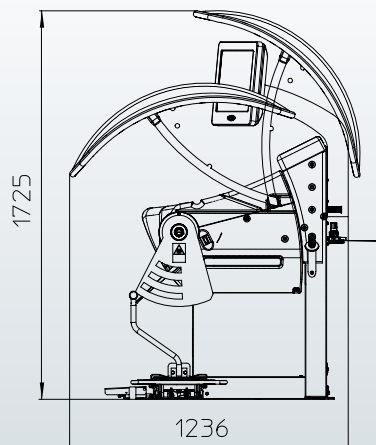
- The program counts the number of daily and total spins
- It divides the counterweight used by number, weight value and type (clip-on/adhesive)

## Best Possible Correction



- It introduces a new criteria of intelligent correction, with the objective of reducing overall vibrations on the vehicle

**CEMB**



Single phase power supply	115/230 V 50/60 Hz
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
Average 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	8 ÷ 10 kg/cm <sup>2</sup> ~ 0.8 ÷ 1 Mpa ~ 8 ÷ 10 bar ~ 115 ÷ 145 psi
Machine weight	220 kg

## ZERO WEIGHT Lift to increase your profitability

### ZERO WEIGHT

Zero gravity effect

Wheel loading and removal without effort or adjustment

### PERFECT CENTERING

Wheel automatic lifting

Ideal centering and more accurate balancing

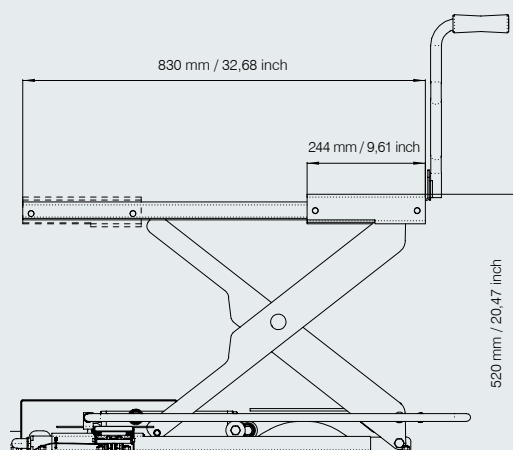
### QUICK

Quicker than any other traditional lift

A single pedal controls the whole working cycle

### AUTOMATIC

Electronic system with PLC



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

## Cemb technology



**ITALIAN HEART:** All parts which influence the quality of our balancers are manufactured within Cemb through appropriate machinery. The tolerances used are the most accurate on the market. Only in this way it is possible to maintain a constant and accurate balancing through time.



**VDD - New:** Defined as a "Maintenance Free" concept, it allows maximum accuracy in minimum time, increasing reliability and features of all Cemb balancers. This has been possible thanks to a new patented system of measurement (both mechanical and electronic) as a result of Cemb's unique experience in the field of industrial balancing and vibration analysis instrumentation. With the VDD even the most economic Cemb balancer wins against any of its competitors in both speed and accuracy.



### CEMB FOR THE ENVIRONMENT

Our machines save much more energy than you would think! We care for the environment, as much as we care for your costs: these are our priorities. Save money! Save the environment!

Buy our machines.

Ask for more details, we are at your full disposal.



### Some of our customers:

FERRARI • MASERATI • LAMBORGHINI •  
MERCEDES-BENZ • BMW • VOLKSWAGEN • FIAT •  
LANCIA • ALFA ROMEO • FORD NISSAN • RENAULT •  
HARLEY DAVIDSON • HONDA • YAMAHA • SUZUKI •  
KAWASAKI • KTM • DUCATI • TRIUMPH • APRILIA •  
PIAGGIO • MOTO GUZZI • PIRELLI • BRIDGESTONE •  
MICHELIN • CONTINENTAL • DUNLOP •  
GOODYEAR • BREMBO • METZELER



# CEMB

BALANCING MACHINES



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