

WHEEL BALANCERS



WHEEL
SERVICE EQUIPMENT

ER100EVO *HubMatch*®

Completely renewed, top-of-the-range CEMB wheel balancer. Automatic input of dimensions, unbalance measurement, internal and external eccentricity of the wheel and rim. Able to scan tread depth and taper in seconds. All without any operator intervention. Comes with CEMB's innovative AutoAdaptive Mode software which acquires the wheel's weight and dimensions and recalculates the tolerance value so as to cancel any vibration perceived on the steering wheel, ensuring the greatest possible driving comfort and, together with CEMB's OPB (One Plane Balancing) program guarantees significant time savings during the balancing process.

- Average 6-second cycle time includes automatic RFV* and wheel scanning performed during the balance cycle.
- The auto clamping model is supplied standard with the Zero Weight wheel lift to aid in centering and prevent back strain when lifting heavy wheels.
- Dynamic AutoAdaptive OPB balancing automatically shifts to a single weight balance on over 70% of today's wheels; gaining a 33%-time savings on every balance.
- Made in Italy. Final assembly in USA. 220V, 1ph. +AIR
- See comparison chart on pg. 14 for more details.

* Radial Force Vectoring

AUTOMATIC | DIAGNOSTIC RFV WHEEL BALANCER

STANDARD ACCESSORIES PG. 27



ER75TD *HubMatch*®

A high volume RFV* diagnostic wheel balancer that uniquely uses advanced balancing features such as our Dynamic AutoAdaptive with OPB balancing and RFV* measurement combined with HubMatch®; a guided on-car eccentricity cancellation process which significantly reduces floor-to-floor cycle time and provides an improved ride quality to eliminate the most difficult tire and wheel related vibration problems. All the best features from CEMB balancers; focused on performance, ease of use, efficiency and time savings.

*Radial Force Vectoring

- Comes in two versions: Manual Clamping (ER75MC) and Auto Clamping (ER75AC)
- Dynamic AutoAdaptive OPB balancing automatically shifts to a single weight balance on over 70% of today's wheels; gaining a 33%-time savings on every balance.
- Automatic Approach system, allows for faster floor to floor time.
- Fast 6-second cycle time includes automatic RFV measurement.
- Made in Italy. Final assembly in USA.
- Power Supply: MC = 220V, 1ph. AC = 220V, 1ph. + Air
- See comparison chart on pg. 14 for more details.

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HUBMATCH® | DIAGNOSTIC RFV WHEEL BALANCER

DIAGNOSTIC RFV WHEEL BALANCERS

ER73TD

A high volume, heavy-duty touch screen wheel balancer with all the best features from CEMB; focused on performance, ease of use, efficiency and time savings. The unique ergonomic wheel offset improves access to the inside of commonly balanced wheels requiring tape-on weights.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Dynamic AutoAdaptive OPB balancing software.
- CEMB balancing software on a touchscreen automatically resolves residual static unbalance commonly left behind when dynamically balancing with traditional balancers causing hidden vibration complaints.
- An automatic laser spotter highlights the exact tape-on weight locations.
- Automatic LED lighting at the inside of the wheel greatly increases visibility.
- Automatic 3D direct weight placement (distance, diameter and width measurements) are included standard. No manual key pad entry required to balance wheels.
- Electro-magnetic brake holds the wheel for more accurate weight placement.
- Automatic Approach system allows for faster floor to floor time.
- Made in Italy. Final assembly in USA.
- Power Supply: 220V, 1ph.
- See comparison chart on pg. 14 for more details.



STANDARD ACCESSORIES PG. 27



AUTOADAPTIVE™ OPB | PERFORMANCE WHEEL BALANCER

ER72TD

A high volume, heavy-duty LED wheel balancer with all the best features from CEMB; focused on performance, ease of use, efficiency and time savings. The unique ergonomic wheel offset improves access to the inside of commonly balanced wheels requiring tape-on weights.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Dynamic AutoAdaptive OPB balancing software.
- CEMB balancing software automatically resolves residual static unbalance commonly left behind when dynamically balancing with traditional balancers causing hidden vibration complaints.
- An automatic laser spotter highlights the exact tape-on weight locations.
- Automatic LED lighting at the inside of the wheel greatly increases visibility.
- Automatic 3D direct weight placement (distance, diameter and width measurements) are included standard. No manual key pad entry required to balance wheels.
- Electro-magnetic brake holds the wheel for more accurate weight placement.
- Automatic Approach system allows for faster floor to floor time.
- Made in Italy. Final assembly in USA.
- Power Supply: 220V, 1ph
- See comparison chart on pg. 14 for more details.



AUTOADAPTIVE™ OPB | PERFORMANCE WHEEL BALANCER



STANDARD ACCESSORIES PG. 27

PERFORMANCE WHEEL BALANCERS

ER71



A space saving motorized wheel balancer with high-end performance and time saving, advanced features.

Extremely accurate with simple to use interface with multi-function LED display.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Automatic LED lighting greatly increases visibility for weight application.
- Laser line BDC (bottom dead center) tape weight placement provides simple and accurate tape-on weight placement.
- With our innovative Virtual Sonar software we can automatically calculate the rim width without an external sonar or other measuring device.
- Electro-magnetic braking easily holds the wheel to aid in placement of correction weights.
- Automatic Approach system allows for faster floor to floor time.
- Quickly balance wheels in ounces or grams; in static or dynamic modes, up to 30" rim diameter and 165 lb. wheel capacity.
- Made in Italy. Final assembly in USA.
- Power Supply: 110V, 1ph.
- See comparison chart on pg. 14 for more details.

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AUTO-DATA ENTRY | VALUE-ADDED BALANCER

EZ15

A space saving 3D balancer with a touchscreen and high-end balancing capabilities; with accuracy and repeatability. This compact wheel balancer comes with advanced innovative features such as, 3D wheel measurement with Virtual Sonar, AutoAdaptive and an electromagnetic brake.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Automatic gauge to measure the distance and diameter of rims of up to 28" with an innovative clip to hold the adhesive weight.
- AutoAdaptive Mode - The new tolerance calculation system.
- Space Saving balancer with a 12" full resolution touch screen. It's intuitive, durable and easy to use.
- With our innovative Virtual Sonar software we can automatically calculate the rim width without an external sonar or other measuring device.
- Electromagnetic brake for locking the wheel in the exact weight position.
- Automatic Approach system allows for faster floor to floor time.
- Made in Italy. Final assembly in USA.
- Power Supply: 110V, 1ph.
- See comparison chart on pg. 14 for more details.



TOUCHSCREEN 3D DATA ENTRY | SPACE SAVING BALANCER

STANDARD ACCESSORIES PG. 27

SPACE SAVER WHEEL BALANCERS

EZ10



A space saving 3D balancer with high-end balancing capabilities. This compact wheel balancer comes with advanced innovative features such as, 3D wheel measurement with Virtual Sonar, AutoAdaptive and an electromagnetic brake.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Automatic gauge to measure the distance and diameter of rims of up to 28" with an innovative clip to hold the adhesive weight.
- AutoAdaptive Mode - The new tolerance calculation system.
- With our innovative Virtual Sonar software we can automatically calculate the rim width without an external sonar or other measuring device.
- Electromagnetic brake for locking the wheel in the exact weight position.
- Automatic Approach system allows for faster floor to floor time.
- Made in Italy. Final assembly in USA.
- Power Supply: 110V, 1ph.
- See comparison chart on pg. 14 for more details.

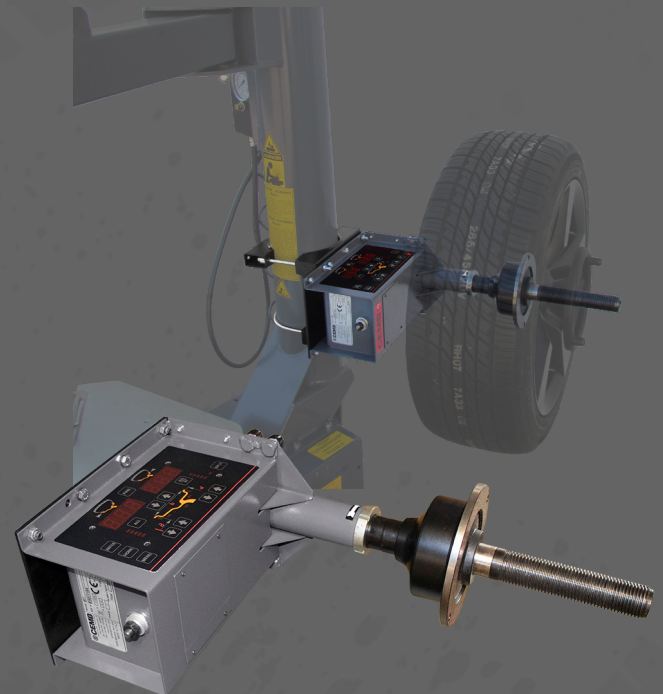
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AUTO-DATA ENTRY | WHEEL BALANCER

EZ1

A space saving wheel balancer uniquely attachable to most swing-arm tire changers, above ground lifts or surface mountable. Perfect for automotive repair shops, tight spaces, racers at the track, portable mobile transport use or as a backup wheel balancer.

- Hand-spin, approximate 5 second cycle time.
- High quality, robust design is extremely accurate and simple to use.
- Handles steel and custom wheels with direct location manual data entry. Choose clip-on, tape weight and even hidden aluminum wheel spoke modes.
- Balance wheels in static or dynamic modes up to 30" rim diameter and 100 lb. wheel capacity.
- Long life 12V lithium battery powered w/ 110V, 1ph. charger.
- Made in Italy. Final assembly in USA.



BOLT-ON PORTABLE | HAND SPIN WHEEL BALANCER

STANDARD ACCESSORIES PG. 27

SPACE SAVER WHEEL BALANCERS



C202SE

A auto clamping truck wheel balancer with added RFV* measurement. Wheel balancing and RFV are critical together to solve truck tire wear and ride quality. The wheel must be balanced and round when it's rolling on the vehicle to ensure best tire wear and ride quality.

Extremely accurate with a simple to use interface, and an excellent choice for tire dealers, fleet repair shops, and municipalities that handle a wide array of commercial vehicles.

*Radial Force Vectoring

- Exclusive industrial design pneumatic wheel-clamping system w/ 60mm shaft.
- Built in wheel lift aids in centering and prevents back strain with heavy wheels.
- Average cycle time 10-22 seconds.
- Automatic 2D inner data arm provides direct weight placement measurement.
- Pneumatic brake for wheel weight positioning.
- Full time static unbalance readings.
- Weight minimization Optimization and Split Weight program.
- Steel and alloy wheel capable with choice of clip-on, tape weight modes up to 30" rim diameter, 20" width, 51" tire diameter and 550 lbs. weight capacity.
- Requires compressed air and 220V, 3 ph.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 14 for more details.

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HD TRUCK & BUS | AUTO CLAMP- DIAGNOSTIC RFV BALANCER

C218

A multi-function HD truck wheel balancer with added RFV* measurement. Wheel balancing and RFV are critical together to solve truck tire wear and ride quality. The wheel must be balanced and round when it's rolling on the vehicle to ensure best tire wear and ride quality.

Extremely accurate with a simple to use interface. An excellent choice for tire dealers, fleet repair shops, municipalities handling a wide array of commercial vehicles.

*Radial Force Vectoring

- Built in wheel lift aids in centering and prevents back strain with heavy wheels.
- Two speed motor drive for cars, light trucks and heavy duty commercial applications.
- Average cycle time 10-20 seconds.
- Automatic 2D inner data arm provides direct weight placement measurement.
- Pneumatic brake for wheel weight positioning.
- Full time static unbalance readings.
- Steel and alloy wheel capable with choice of clip-on, tape weight modes up to 30" rim diameter, 20" width, 51" tire diameter and 550 lbs. weight capacity.
- Requires compressed air and 220V, 1 ph.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 14 for more details.



HD TRUCK & BUS RFV | DIAGNOSTIC RFV BALANCER

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HEAVY DUTY WHEEL BALANCERS

C212



A multi-function HD truck wheel balancer with LED display and built-in wheel lift. Easily balances all light duty, medium duty, commercial and heavy-duty truck wheel applications. Extremely accurate with a simple to use interface. An excellent choice for tire dealers, fleet repair shops, municipalities handling a wide array of commercial vehicles.

- Built in wheel lift aids in centering and prevents back strain with heavy wheels.
- Two speed motor drive for cars, light trucks and heavy duty commercial applications.
- Average cycle time 10-20 seconds.
- Automatic 2D inner data arm provides direct weight placement measurement.
- Pneumatic brake for wheel weight positioning.
- Full time static unbalance readings and dynamic modes selectable.
- Steel and alloy wheel capable with choice of clip-on, tape weight modes up to 30" rim diameter, 20" width and 550 lbs. weight capacity.
- Requires compressed air and 220V, 1 ph.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 14 for more details.

STANDARD ACCESSORIES PG. 28

HD TRUCK & BUS | LED DISPLAY WHEEL BALANCER

C206

A portable, space saving HD truck wheel balancer with high-end balancing capabilities; built into a high quality, robust and proven reliable design. Extremely accurate with a simple to use interface. An excellent choice for fleet repair and best choice for HD truck balancing portability and over-the-road mobile tire service use.

- Low effort gear reduction hand-spin capability with 10-20 second cycle time.
- Simple design built-in wheel lift doubles as a brake.
- Automatic 2D inner data entry direct weight placement.
- Simple to use multi-function display with static and dynamic modes and ounce and gram displays.
- Weight minimization software and split weight functions included.
- Handles steel and alloy with choice of clip-on, tape weight modes up to 30" rim diameter, 20" width and 550 lbs. weight capacity.
- Dual voltage power supply. 12v lithium quick charge battery w/ charger. 110V.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 14 for more details.



HD TRUCK & BUS | PORTABLE HAND SPIN WHEEL BALANCER

STANDARD ACCESSORIES PG. 28

HEAVY DUTY WHEEL BALANCERS

	Space Saver				Performance		Diagnostic RFV		
	EZ1	EZ10	EZ15	ER71	ER72TD	ER73TD	ER75MC	ER75AC	ER100 EVO
PORTABLE, HAND SPIN DRIVE SYSTEM 12V-110V	•								
MOTORIZED DRIVE SYSTEM		•	•	•	•	•	•	•	•
LED KEY PAD, MULTI-FUNCTION INTERFACE	•	•		•	•				
GUI VIDEO TOUCH SCREEN			•			•	•	•	•
ERGONOMICALLY INCREASED SPINDLE OFFSET		•	•	•	•	•	•	•	•
DIRECT MEASURE DATA ARM INPUT FOR WEIGHT LOC.		•	•	•	•	•	•	•	
RIM WIDTH DETECTION		V3D	V3D	V3D	3D	3D	3D	3D	3DL
WEIGHT PLACEMENT STATIONARY BRAKING	M	E	E	E	E	E	E	E	E
INSIDE THE WHEEL LED LIGHTING				•	•	•	•	•	•
BDC TAPE-ON WEIGHT LASER LINE LOCATOR				L	D	D	D	D	DCS
DYNAMIC AUTOADAPTIVE / OPB		• / -	• / -		• / •	• / •	• / •	• / •	• / •
AUTOMATIC MINIMIZATION OF RESIDUAL STATIC WEIGHT		•	•	•	•	•	•	•	•
SPLIT/HIDDEN SPOKE BALANCING MODE	•	•	•	•	•	•	•	•	•
UNBALANCE OPTIMIZATION BALANCING MODE	•	•	•	•	•	•	•	•	•
RESIDUAL UNBALANCE STATIC DISPLAY					•	•	•	•	•
HUBMATCH® AND RFV ECCENTRICITY MEASUREMENT							•	•	•
RIM RUNOUT MEASUREMENT (EXTERNAL & BARE)									•
TIRE TREAD DEPTH & GEOMETRIC CONICITY									•
MULTI-USER & VEHICLE PLACEMENT CAPABILITY						•	•	•	•
PRINTER									•
ZERO WEIGHT WHEEL LIFT		OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT
MAXIMUM RIM DIAMETER x WIDTH (in.)	30x20	30x20	30x20	30x20	30x20	30x20	30x20	30x20	30x20
MAXIMUM TIRE DIAMETER (in.)		36	36	40	42	42	42	42	40
WHEEL CLAMPING TYPE	MC	QC	QC	QC	QC	QC	QC	AC	AC
POWER SUPPLY (v)	12/110	110	110	110	220, 1ph	220, 1ph	220, 1ph	220, 1ph + AIR	220, 1ph + AIR

HD TRUCK & BUS WHEEL BALANCERS	C206	C212	C218	C202SE
PORTABLE, HAND SPIN WITH BATTERY PACK 12V-110V	•			
MOTORIZED DRIVE SYSTEM		•	•	•
LED KEY PAD, MULTI-FUNCTION INTERFACE	•	•		
DIRECT MEASURE DATA ARM INPUT FOR WEIGHT LOC.	2D	2D	2D	2D
STATIONARY BRAKING WEIGHT PLACEMENT		P	P	P
SPLIT WEIGHT BALANCING MODE	•		•	•
DEDICATED STATIC DISPLAY & WEIGHT IMBALANCE		•	•	•
RFV WHEEL ECCENTRICITY MEASUREMENT			•	•
WHEEL LIFT	•	•	•	•
MAXIMUM RIM DIAMETER X WIDTH (in.)	30x20	30x20	30x20	30x20
MAXIMUM TIRE DIAMETER (in.)	51	51	51	51
MAXIMUM WHEEL WEIGHT (lbs.)	550	550	550	800
WHEEL CLAMPING TYPE	MC	MC	MC	AC
WHEEL MOUNTING SHAFT DIAMETER (mm)	40	40	40	60
POWER SUPPLY (V)	12/110 + AIR	220 + AIR	220, 1ph + AIR	220, 3ph + AIR

- standard 2D distance/diameter 3D 2D + width V3D virtual 3D 3DL laser measurement M manual E electrical
- OPT optional MC manual clamping QC quick clamping AC auto clamping L laser line D laser dot DCS laser dot - contour scan

COMPARISON WHEEL BALANCERS