CEMB® USA

GARAGE EQUIPMENT

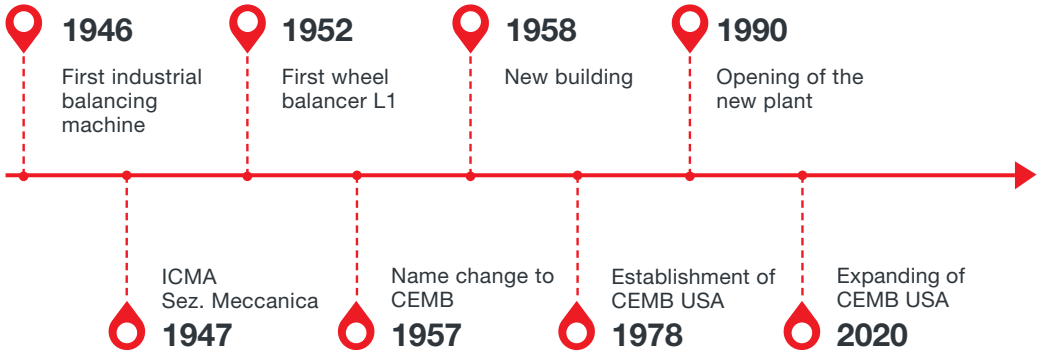
FULL RANGE

CEMB'S ROOTS

CEMB's history starts in 1946 when founder Luigi Buzzi created the first industrial balancing machine with an innovative design. In 1952, CEMB began manufacturing balancing machines for vehicle wheels, and two years later, it introduced a balancing machine based on a wattmeter electrodynamic system, which remains highly reliable.
In 1960, he promoted the creation of a research and development (R&D) department in the rapidly expanding field of electronics. Since then, CEMB has demonstrated the qualities that have enabled it to take a leading role in producing balancing machines.

A FAMILY COMMITMENT

Over time, organizational and management tasks increased, and the commitment to the project and the development of new solutions grew. Engineer Carlo Buzzi joined his father's company in 1977 during the major computer revolution, which was set to radically transform all the old production and control processes.
Alongside his father, Carlo Buzzi has made significant contributions to new designs that utilize the latest digital technologies and continues to oversee the development of innovative products, exploring emerging technologies today.



PRODUCTS

Since 1952, CEMB's Garage Division has offered the most diverse and complete selection of balancing machines available on the market, along with wheel alignments and tire changers for cars, trucks, buses, and motorcycles. Major tire manufacturers worldwide choose CEMB for its advanced industrial systems, including mounting, inflating, matching, bead seating optimization, balancing, uniformity, and eccentricity correction.

HEADQUARTERS

CEMB is based in Italy, specifically in Mandello del Lario on the east shore of Lake Como. The headquarters comprises eight different plant facilities covering over 120,000 square meters and 15 separate departments.

CEMB USA

Since 1978, CEMB USA has been based near Atlanta, Georgia. The headquarters are now in Gainesville, Georgia, close to Lake Lanier. CEMB USA offers a full range of products that arrive fully assembled, including standard, performance, and diagnostic models. All machines are finished in a neutral steel gray color that complements existing shop equipment. We complete assembly, calibrate, and test all our machines before shipping to ensure they are ready to use immediately upon arrival at your facility. Once in your location, we have a dedicated sales team of representatives and service centers across the U.S. to support our wheel service equipment, along with some of the best warranties in the industry.

CEMB IN THE WORLD

CEMB has built a strong sales network in over 80 countries worldwide. The company’s innovative, high-quality products have gained a solid reputation in the market, allowing CEMB to establish a significant presence in many states, with a focus on providing excellent customer service and support. A comprehensive service network operates in more than 80 countries, staffed by experts who manage all aspects of vibration, balancing, and maintenance operations.

INDUSTRIAL
BALANCING
DIVISION

Universal balancing machines

Automatic balancing machines

Customized balancing machines

GARAGE
EQUIPMENT
DIVISION

Car and trucks wheel balancing machines

Car and trucks tire changers

Car and trucks wheel alignments

VIBRATION
EQUIPMENT
DIVISION

Portable vibrometers analyzers and balancers

Fixed monitoring systems

DIAGNOSTIC WHEEL BALANCERS

CEMB wheel balancers offer a wide range of innovative and patented solutions, renowned for their ability to deliver high-quality balancing performance along with durability and user-friendliness.

The quality of our balancing machines is also ensured by the continuous collaboration and synergy among all three divisions, making CEMB unique worldwide and a pioneer in balancing machines.

The exceptional performance of every CEMB wheel balancing machine results from meticulous attention to detail in developing each component. All parts affecting the quality of our balancing machines are produced on-site at CEMB headquarters.

ER100GT
FASTER THAN EVER

The ER100GT is our top-of-the-line solution. Designed for exceptional precision, it uses advanced technologies to detect and correct wheel imbalances with impressive efficiency.

In 6.4 seconds:

AUTOMATIC ACQUISITION OF WHEEL DIMENSIONS AND CORRECTION PLANES
UNBALANCE MEASUREMENT
RIM RUNOUT MEASUREMENT
TIRE RUNOUT MEASUREMENT
SINGLE-POINT TREAD DEPTH MEASUREMENT
HUBMATCH®
ONE PLANE BALANCING

ADDITIONAL FUNCTIONS:

3-POINT TREAD DEPTH MEASUREMENT
TIRE CONICITY MEASUREMENT

Touchless wheel measuring system for a precise reading of rim dimensions, even in the case of complex profiles, without any intervention of the operator; most excellent robustness for long-lasting usage and easy maintenance.
Accelerated data acquisition without penalizing reliability and accuracy.
Complete wheel diagnosis, including tire conicity and wear analysis in three different areas.
Two laser beams to indicate the exact 12 o'clock position to place clip-on weights.
New automatic positioning system with doubled braking force for easy instant wheel locking in the correction position. **A brighter laser pointer** for a more visible indication of the stick-on weight correction point.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	with TOUCHLESS SYSTEM	● Standard	● (of rim and tire)	Pneumatic	● (automatic positioning system)	with 3D laser scan

ER90

The ER90 automatically detects wheel data by pressing one button. After a few seconds, the machine gives a clear and accurate indication of the exact position to place counterweights (clip-on and/ or stick-on weights).

Automatic Approach

This system allows the wheel to stop in the proximity of the correction point. Once the measuring spin is completed, the wheel automatically stops around 15° from the exact point of application of the counterweight, allowing the operator to position it correctly with minimal movement. After the first plane is corrected, pressing “start”, the wheel position itself around the second correction point.

Detection of wheel data: the automatic gauge for distance and diameter input (up to 28” rims) and the LA Sonar device for wheel width measurement allow an immediate detection of all necessary wheel parameters.
HUBMATCH (The new guided on-car eccentricity cancellation process): in one single spin, **HubMatch** detects the unbalance as well as the highest point of the wheel (1st harmonics), and displays it on-screen to enable mounting of wheel on vehicle so that simply matching mechanical clearances when positioning the rim on the hub will eliminate the eccentricity.
Automatic positioning with electromagnetic brake for an immediate locking of the wheel in weight position.
Panel with Touch system, innovative, simple and durable. Allows intuitive use of all machine functions.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	with TOUCHLESS SYSTEM and LA Sonar	X Not available	Of rim and tire	Pneumatic	● (automatic positioning system)	with 3D laser scan

WHAT IF EVERYTHING WERE THIS EASY?

2-hit is very simple. The features and innovations you find on this balancer make it so unique.

Revolutionary data input system

The process of acquiring wheel dimensions involves manually moving the wheel and confirming the measurements with a light tap on the tire. This method eliminates the need for an automatic gauge!

SPOTTER OPB AutoAdaptive LA sonar BRAKE AUT TOUCH PNEUMATIC LOCKING GP

2-hit technology data input: the innovation of the **Spotter Laser** together with a line laser emitter **(Matching laser)** allows calculating the distance and diameter of the rim while the measurement of its width is made by the **LA Sonar**. The Spotter Laser also pinpoints the exact position for stick-on weights application inside the rim. A unique tool with a dual purpose!
Fast, simple and accurate data acquisition process with data transmission by a light punch on the tire.
Since 2-hit no longer uses the automatic gauges, this eliminates the need for periodic maintenance typical of mechanical devices, which are traditionally more subject to wear, all to the advantage of greater durability.
Automatic positioning with an electromagnetic brake for an immediate locking of the wheel in the weight position.
Equipped with **advanced software programs (OPB/AutoAdaptive)** to make the balancing process even more performing.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	Spotter Laser combined with line matching Laser and LA Sonar	**X** Not available	with EMS Sonar	Pneumatic	● (automatic positioning system)	with spotter laser + led light

ER75TD

Here's your chance to get a professional balancer characterized by an excellent simplicity of use.

Advanced technology

Vibrations on the steering wheel?
The solution is the OPB program that cancels static unbalance minimizing, at the same time, also the residual dynamic value together with AutoAdaptive mode that, for each wheel that is balanced, detects weight and dimensions and calculates the tolerance value that will cancel any vibration perceived, granting the highest levels of comfort when driving.

SPOTTER · OPB · AutoAdaptive · HubMatch · BRAKE · APPROACH · TOUCH · PNEUMATIC LOCKING · GP · RIM BEAD ECCENTRICITY

TOP 20 TOOLS MOTOR 2018

Spotter laser for an accurate positioning of the stick-on weights.The balancing procedure is further simplified by the LED light that illuminates the working space inside the rim.
HUBMATCH (The new guided on-car eccentricity cancellation process): in one single spin, **HubMatch** detects the unbalance as well as the highest point of the wheel (1st harmonics), and displays it on-screen to enable mounting of wheel on vehicle so that simply matching mechanical clearances when positioning the rim on the hub will eliminate the eccentricity.
Pneumatic locking of the wheel: two gas springs which produce a force of 551 lbs guarantee a quick and constant wheel locking. The 4 wheel tire set is balanced in the same conditions.
Automatic positioning with electromagnetic brake for an immediate locking of the wheel in weight position.
Panel with Touch system, innovative, simple and durable. Allows intuitive use of all machine functions.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	with automatic gauge and LA Sonar	X Not available	with EMS Sonar	Pneumatic	• (automatic positioning system)	with spotter laser + led light

PERFORMANCE WHEEL BALANCERS

CEMB performance wheel balancers are engineered to meet the demands of high-performance vehicles, delivering unmatched precision, speed, and reliability. Designed with cutting-edge, patented technology, they ensure optimal wheel balance for enhanced handling, reduced vibration, and maximum driving performance—while maintaining the durability and ease of use professionals expect.

What sets CEMB apart is the seamless collaboration between its three specialized divisions, creating a level of innovation and expertise that is unmatched in the industry. This integrated approach allows CEMB to remain a global leader and pioneer in advanced balancing solutions.

Every CEMB performance wheel balancer reflects an uncompromising commitment to quality. From concept to completion, each component is developed with meticulous attention to detail, with all critical parts manufactured in-house at CEMB headquarters. The result is a machine built for precision performance, consistency, and long-term reliability in even the most demanding environments.

ER73TD

The Wheel Balancer ER73TD is made especially for busy tire shops. This new series has the latest technology in wheel balancing. This new series has the latest technology in wheel balancing, “Spotter” lasers that actually pinpoints the exact location of stick-on wheel weights.

HUBMATCH

HubMatch is the new guided on-car eccentricity cancellation process. With one spin, HubMatch detects the imbalance as well as the highest point of the wheel, and displays it on-screen to enable mounting of the wheel on the vehicle so that simply matching mechanical clearances when positioning the rim on the hub will eliminate the eccentricity.

AutoAdaptive Mode: for each balanced wheel, the software detects its weight and dimensions and recalculates the acceptable residual unbalance value to ensure a smooth ride without vibration on the steering wheel. **Automatic approach:** the system allows to stop the wheel in the proximity of the correction point. So once the measuring spin is completed, the wheel automatically stops aroung 15° from the exact point of application of the counterweight. Through high precision sensors, **EMS Sonar (Eccentricity Measurement System)** is able to detect variations in the distance between wheel center and its external edges during rotation, allowing those irregularities that would make the vehicle less safe to be corrected.

Touch screen system, innovative, simple and durable. Allows intuitive use of all machine functions.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	with automatic gauge and LA Sonar	X Not available	with EMS Sonar (option)	Manual	• (automatic positioning system)	with spotter laser + led light

ER72 TD

The ER72 TD is a LED wheel balancer, incorporating the best features for exceptional performance, user-friendliness, efficiency, and time savings. Our innovative ergonomic wheel offset design provides enhanced access to the inner rim of commonly balanced wheels, simplifying tape-on weight application.

OPB Program

OPB program cancels static unbalance minimizing also the residual dynamic value together with AutoAdaptive mode that, for each wheel that is balanced, detects weight and dimensions and calculates the tolerance value that will cancel any vibration perceived.

ER72TD (Manual Locking)

ER72SE (Pneumatic Locking)

Pneumatic locking of the wheel (ER72SE): two gas springs which produce a force of 551 lbs guarantee a quick and constant wheel locking. The 4 wheel tire set is balanced in the same conditions.
Automatic positioning with electromagnetic brake for an immediate locking of the wheel in weight position. **Automatic approach:** the system allows to stop the wheel in the proximity of the correction point. So once the measuring spin is completed, the wheel automatically stops aroung 15° from the exact point of application of the counterweight.
AutoAdaptive Mode: for each balanced wheel, the software detects its weight and dimensions and recalculates the acceptable residual unbalance value to ensure a smooth ride without vibration on the steering wheel.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital screen with touch panel	with automatic gauge and LA Sonar	X Not available	X Not available	Manual or Pneumatic	● (automatic positioning system)	with spotter laser + led light

ER65

The ample monitor and intuitive graphical display combined to its large ergonomic weight tray, conveys prestige to the tire shop and transmits a sense of efficiency and professionalism to end users.

Automatic Approach

The system allows to stop the wheel in the proximity of the correction point. So once the measuring spin is completed, the wheel automatically stops around 15° from the exact point of application of the counterweight, allowing the operator to position it correctly with little movement. After the first plane is corrected, pressing “start”, the wheel position itself around the second correction point

Detection of wheel data: the automatic gauge for distance and diameter input (up to 28” rims), with new pincer to hold the adhesive weight, and the LA Sonar device for wheel width measurement allow an immediate detection of all necessary wheel parameters.
Wheel locked in position and **laser line** for an accurate positioning of the counterweights. **SPLIT program** for the placement of stick-on weights behind the wheel spokes, ensuring both optimal balance and aesthetically pleasing finish.

OPT to identify the best position for the balancing weights and optimize their distribution on the rim. This improve vehicle performance and extends tire life by reducing vibrations and uneven wear.
ALU balancing mode to ensure precise balancing of alloy wheels with weight placement modes specifically designed for these type of rims.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital screen with touch panel	with automatic gauge and LA Sonar	X Not available	X Not available	Manual	• (automatic approach system)	with laser line

SPACE SAVING WHEEL BALANCERS

CEMB space-saving compact wheel balancers are designed to maximize efficiency without compromising performance. Engineered with innovative, patented technology, these machines deliver precise, high-quality balancing in a streamlined footprint—making them ideal for shops where space is at a premium. Built for durability and ease of use, they allow technicians to maintain productivity while optimizing their workspace.

What makes CEMB truly unique is the synergy between its three specialized divisions, working in continuous collaboration to drive innovation and maintain global leadership in balancing technology. This integrated approach ensures every compact balancer benefits from the same advanced engineering found across the entire CEMB lineup.

The outstanding performance of every CEMB compact wheel balancer is the result of meticulous attention to detail in every component. Critical parts are manufactured in-house at CEMB headquarters, ensuring consistent quality, reliability, and long-term performance—even in the most demanding shop environments.

ER71

Here's your chance to get a space saving motorized wheel balancer with high-end performance and time saving, advanced features. Extremely accurate with simple to use interface and multi-function LED display.

Versatile

This balancer includes all the necessary features and functions to guarantee efficiency and user-friendly operation. The electric brake and the laser line, make the unbalance correction operation extremely fast an easy. Every detail has been designed to meet the demands of the most demanding users.

AutoAdaptive

BRAKE APPROACH AUT MANUAL LOCKING GP LASER

Detection of wheel data: the automatic gauge enables detection of distance and diameter (from 12" to 28") with relative activation of desired balancing program (clip-on or stick-on weights). No error due to manual inputs possible. **Virtual Sonar** to detect the width of steel rims without having to enter them in manually, with the same precision of a sonar device.
Automatic positioning with electromagnetic brake for an immediate locking of the wheel in weight position. **Automatic approach:** the system allows to stop the wheel in the proximity of the correction point. So once the measuring spin is completed, the wheel automatically stops aroung 15° from the exact point of application of the counterweight. **Virtual Sonar** to detect the width of steel rims without having to enter them in manually, with the same precision of a sonar device.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital display	with automatic gauge and Virtual Sonar	X Not available	X Not available	Manual	• (automatic positioning system)	with laser line

EZ15

The EZ15 is a space saving 3D balancer with touchscreen and high-end balancing capabilities.

Hi-tech at low cost!

The EZ15 blends the already existing technical features – such as Auto Adaptive mode and Virtual Sonar – with the addition of an electromagnetic brake and the laser line to ease the operations for counterweight application.

VIRTUAL · AutoAdaptive · AUT · LASER · BRAKE · APPROACH · MANUAL LOCKING · TOUCH · GP

Detection of wheel data: the automatic gauge enables detection of distance and diameter (from 12” to 28”) with relative activation of desired balancing program (clip-on or stick-on weights). No error due to manual inputs possible.
Virtual Sonar to detect the width of steel rims without having to enter them in manually, with the same precision of a sonar device.
Wheel locked near the correction position to speed up the balancing procedure.
AutoAdaptive Mode: for each balanced wheel, the software detects its weight and dimensions and recalculates the acceptable residual unbalance value to ensure a smooth ride without vibration on the steering wheel.
Wheel locked near the correction position with **line laser** to speed up the calibration procedure.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT Touch screen	with automatic gauge and Virtual Sonar	X Not available	X Not available	Manual	• (automatic approach system)	with laser line

EZ10

EZ10 is an entry level wheel balancer with unbeatable features and quality.

Quality and affordability

EZ10 represents the best concentration of technology and innovation in its class. Auto Adaptive mode and Virtual Sonar enable fast and accurate detection of all useful wheel parameters to ensure accurate unbalance correction.

Detection of wheel data: the automatic gauge enables detection of distance and diameter (from 12” to 28”) with relative activation of desired balancing program (clip-on or stick-on weights). No error due to manual inputs possible.
Virtual Sonar to detect the width of steel rims without having to enter them in manually, with the same precision of a sonar device.
AutoAdaptive Mode: for each balanced wheel, the software detects its weight and dimensions and recalculates the acceptable residual unbalance value to ensure a smooth ride without vibration on the steering wheel.
Panel with Touch system, innovative, simple and durable. Allows intuitive use of all machine functions.

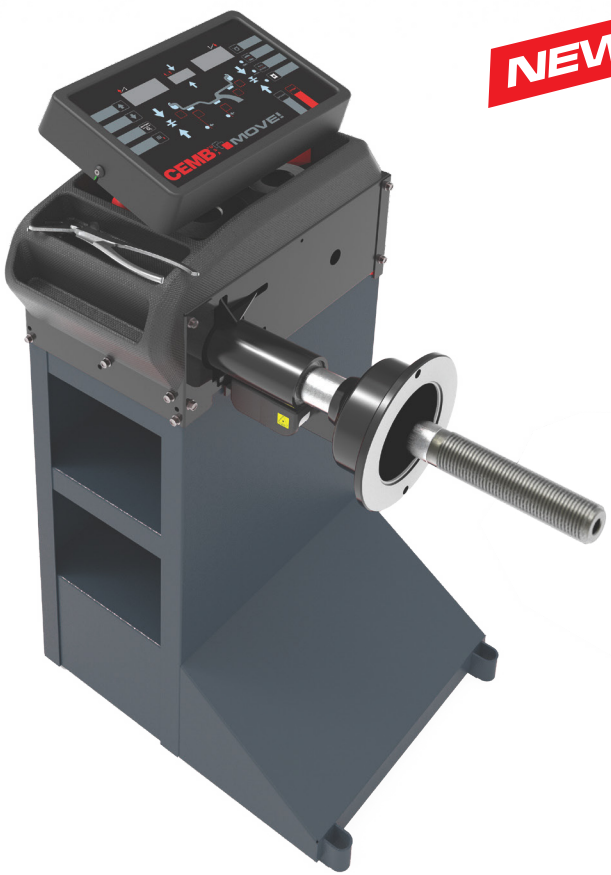
GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Touch panel	with automatic gauge and Virtual Sonar	X Not available	X Not available	Manual	● (automatic approach system)	with position repeater or with the conventional 12 o’clock position

MOVE!

Cemb MOVE! is the new fully-automatic balancing machine designed for mobile service, but perfect also for workshops where space is limited thanks to its exceptional compact size. Its extraordinary versatility makes MOVE! usable anywhere, with the same performance as high end models.

USE IT WHEREVER YOU CHOOSE!

Need a lightweight balancer you can carry? No problem, we have got you covered with our MOVE balancer. The casters make the MOVE! easy to maneuver, even in tight spaces. You can relocate it effortlessly without lifting - portability at its best.



2-hit technology data input: the **Spotter Laser**, combined with a line laser emitter (**Matching laser**), moves on the rim to measure its dimensions without using the gauge anymore. The same laser then indicates the exact point where to apply the correction weights, making the balancing process even more efficient.
Virtual Sonar to detect the width of steel rims without having to enter them in manually, with the same precision of a sonar device.
Wheel brake and **automatic approach** to the correction position to speed up the calibration procedure. **Rotating interface** with rear knob for locking in position or setting intermediate positions as required; 90° rotation makes the weight carrier fully accessible.
Equipped with **advanced software programs (OPB/AutoAdaptive)** to make the balancing process even more performing.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
ROTATING digital display	with Spotter Laser combined with line matching Laser and and Virtual Sonar	X Not available	X Not available	Manual	• (automatic approach system)	with laser Spotter + led light

K22

Our exclusive design streamlines the balancing process by eliminating the need to remove wheel bearings, ensuring precise wheel centering on motorcycles.

Dynamic balancing of motorcycle wheels

K22 represents one of the very few solutions on the market for dynamic balancing of motorcycle wheels. The fixed shaft balancing system is the truly capable of reproducing the rotation axis of the wheel mounted on the motorcycle. For a precise, reliable and repeatable static and dynamic balancing.

AUT MANUAL LOCKING

Suitable for traditional motorcycle wheels, flanged rear wheels (single-arm), wheels for scooters, quads and SSVs **up to 66 lbs.**
Non-rotating balancer shaft spins the wheel on its original bearings, eliminating the need for bulky tire clamps.
Drive roller spins the wheel while enabling the operator to check eccentricity during the balancing process.
Automatic 2D distance and diameter data entry.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital display	with automatic gauge	X Not available	X Not available	Manual	X Not available	X Not available

HEAVY DUTY WHEEL BALANCERS

CEMB heavy-duty wheel balancers are built to handle the toughest machines, delivering exceptional precision and reliability for large, high-weight wheels. Engineered with innovative, patented technology, these HD balancers provide superior balancing performance while maintaining the durability and user-friendly operation required in demanding commercial and industrial environments.

CEMB's global leadership is driven by the continuous collaboration and synergy between its three specialized divisions. This unified approach ensures that every heavy-duty balancer benefits from advanced engineering, making CEMB a true pioneer in the balancing industry.

The outstanding performance of every CEMB heavy-duty wheel balancer is the result of meticulous attention to detail in every component. All critical parts are manufactured in-house at CEMB headquarters, guaranteeing consistent quality, long-term durability, and dependable performance under the most rigorous working conditions.

C350

C350 is the new video wheel balancing machine suitable for truck, bus, and car wheels up to 551 lbs. Its high-tech features make it the most complete solution in its category.

Video diagnostic wheel balancer for heavy vehicles

C350 ensures the complete diagnostics of the wheel thanks to hi-tech sonar devices for measuring the lateral and the radial eccentricity of the tire during the normal balancing cycle.

Detection of wheel data: the automatic gauge for distance and diameter input (up to 32” rims) and the **LA Sonar** device for wheel width measurement allow an immediate detection of all necessary wheel parameters.
Wheel brake in the correction position with **laser line** to facilitate the correct positioning of the adhesive counterweights in the 6 o’clock position, increasing the balancing accuracy.
Laser pointer together with LA Sonar for measuring the lateral eccentricity of the tire shoulder.
Through high precision sensors, **EMS Sonar (Eccentricity Measurement System)** is able to detect variations in the distance between wheel center and its external edges during rotation, allowing to measure the radial run-out of the tire during the normal balancing cycle.
HUBMATCH (The new guided on-car eccentricity cancellation process): in one single spin, **HubMatch** detects the unbalance as well as the highest point of the wheel (1st harmonics), and displays it on-screen to enable mounting of wheel on vehicle so that simply matching mechanical clearances when positioning the rim on the hub will eliminate the eccentricity.
Lifting spindle for perfect centring of the wheel **with integrated sliding trolley,** with a height of only 2.3”, to allow a faster and easier loading of the wheel, with reduced effort for the operator.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
TFT screen	with automatic gauge and LA Sonar	X Not available	of the tire	Manual	• Standard	with laser line

C330

C330 is the new digital wheel balancing machine suitable for truck, bus and car wheels up to 551 lbs. with a modern and attractive design and sturdy weight-tray to improve space optimization.

Perfect wheel centering without effort!

The innovative solution of the spindle shaft that lowers, guarantees a safer and easier centering even with large wheels, thus facilitating the operator. The integrated sliding trolley, with a height of only 2.3" inch, allows a faster and easier loading of the wheel, with reduced effort for the operator.

LIFTING SPINDLE

AUT | LA sonar | LASER | BRAKE | MANUAL LOCKING

Detection of wheel data: the automatic gauge for distance and diameter input (up to 32" rims) and the **LA Sonar** device for wheel width measurement allow an immediate detection of all necessary wheel parameters.
Wheel brake in the correction position with **laser line** to facilitate the correct positioning of the adhesive counterweights in the 6 o'clock position, increasing the balancing accuracy.
Sturdy rotational weight tray designed to make the most the available space. The differentiated compartments allow a simple housing of cones, clamp weights, adhesive weights, grippers.
SPLIT program for the placement of stick-on weights behind the wheel spokes, ensuring both optimal balance and aesthetically pleasing finish.
OPT to identify the best position for the balancing weights and optimize their distribution on the rim. This improves vehicle performance and extends tire life by reducing vibrations and uneven wear.
ALU balancing mode to ensure precise balancing of alloy wheels with weight placement modes specifically designed for these type of rims.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital display	with automatic gauge and LA Sonar	X Not available	X Not available	Manual	• Standard	with laser line

C206

C206 is a digital hand-spin balancer, power supply 12V / 24V / 110V

Flexibility

C206 has been developed for mobile service but its flexibility of use is also appreciated in many garages and tire shops. It is equipped with trolley wheels which allow movement in the appropriate working areas desired.
Battery power supply (optional).
The gear box eases operator's efforts when spinning large and heavy wheels.

Detection of wheel data: the automatic gauge enables auto-input of wheel distance and diameter and displays relative balancing program required (clip-on or stick-on weights). No errors due to manual inputs. The wheel width has to be set manually.
Shaft height adjustable by a handle to load, balance and brake the wheel with a minimum effort for the user.
Hand spin by means of a knob placed on the mounting ring nut; low rotation speed.
Equipped with trolley wheels to facilitate the handling and movement of the machine.
Intuitive display graphics to switch from truck wheels to car wheels with extreme simplicity.
Wide availability of programs for maximum balancing efficiency with all measurable wheels.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital display	with automatic gauge (manual wheel width setting)	X Not available	X Not available	Manual	X Not available	with position repeater or with the conventional 12 o'clock position

C202SE

*Product available only upon request

C202SE is an industrial based machine
for the balancing of wheels in big batches

Unique features

C202SE has unique features which makes it an ideal machine for truck tire shops and industrial batch balancing (OEM) lines: the extended shaft diameter (Ø 65mm), the pneumatic locking designed for heavy duty use and the braking system (end spin cycle) developed to handle large and heavy loads.

Detection of wheel data: the automatic gauge enables detection of distance and diameter of rims up to 32” with relative activation of desired balancing program (clip-on or stick-on weights). No error due to manual inputs possible. Complete with a pedal operated ergonomic and **fast pneumatic lift** to guarantee an optimal centering of wheel on flange. After lifting wheel in proximity of the shaft the operator can adjust wheel height using its own mass to manoeuvre relative handle-bar. The exact coupling between tire and flange is thus obtained in an accurate and rapid manner.
SPLIT program for the placement of stick-on weights behind the wheel spokes, ensuring both optimal balance and aesthetically pleasing finish.
OPT to identify the best position for the balancing weights and optimize their distribution on the rim. This improves vehicle performance and extends tire life by reducing vibrations and uneven wear.
ALU balancing mode to ensure precise balancing of alloy wheels with weight placement modes specifically designed for these type of rims.

GRAPHIC INTERFACE	WHEEL DIMENSIONS MEASURING	COMPLETE WHEEL DIAGNOSIS	RUNOUT MEASURING	WHEEL LOCKING	AUTOMATIC WHEEL BRAKE	WEIGHT POSITIONING
Digital screen with touch panel	with automatic gauge (manual wheel width setting)	X Not available	Option	Pneumatic	• Standard	With position repeater or with the conventional 12 o’clock position

ZERO WEIGHT

"ZERO WEIGHT" EFFECT

The CEMB patented electro-pneumatic system (pneumatic for Easyweight) detects the weight of the wheel and cancels it automatically allowing the operator to lift and center wheels weighing up to 176 lbs, without feeling the weight.

WLB85

SAFETY AND ERGONOMICS

With CEMB lifts, the wheel loading/unloading operations minimize the effort for the operator, increasing productivity and preventing any injuries deriving from an incorrect posture during load handling. Therefore, the use of lifting devices proves to be an effective prevention measure in compliance with applicable health and safety at work regulation.

EASY WEIGHT

PERFECT CENTERING, MORE PRECISE BALANCING

Thanks to CEMB lifts, any misalignment caused by the weight of the wheel on the adapter during centering is minimised.
The quality and repeatability of the wheel centering are comparable to those obtainable with vertical axis balancers.

BALANCER'S SPECS.

ER100 GT

Power Supply:	220V, 1ph, Air
Wheel Clamping Type:	Pneumatic
Max. Rim Diameter:	30" (765 mm)
Max. Rim Width:	20" (510 mm)
Max. Tire Diameter:	40" (1016 mm)
Max. Wheel Weight:	165 lbs. (75 kg)
Machine Weight:	485 lbs. (220 kg)

2-HIT

Power Supply:	220V, 1ph
Wheel Clamping Type:	Pneumatic
Max. Rim Diameter:	30" (765 mm)
Max. Rim Width:	20" (510 mm)
Max. Tire Diameter:	42" (1066 mm)
Max. Wheel Weight:	165 lbs. (75 kg)
Machine Weight:	264 lbs. (120 kg)

ER73TD

Power Supply:	220V, 1ph
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30" (765 mm)
Max. Rim Width:	20" (510 mm)
Max. Tire Diameter:	42" (1066 mm)
Max. Wheel Weight:	165 lbs. (75 kg)
Machine Weight:	264 lbs. (120 kg)

ER65

Power Supply:	115V, 1ph
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)
Machine Weight:	264 lbs. (120 kg)

ER90

Power Supply:	220V, 1ph, Air
Wheel Clamping Type:	Pneumatic
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)
Machine Weight:	375 lbs. (170 kg)

ER75TD

Power Supply:	220V, 1ph
Wheel Clamping Type:	Pneumatic
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)
Machine Weight:	264 lbs. (120 kg)

ER72TD

Power Supply:	220V, 1ph*
Wheel Clamping Type:	Manual/Pneumatic*
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)
Machine Weight:	264 lbs. (120 kg)

*Air for ER72SE *As ER72SE

EZ15

Power Supply:	110V, 1ph
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30" (765 mm)
Max. Rim Width:	20" (510 mm)
Max. Tire Diameter:	36" (914 mm)
Max. Wheel Weight:	165 lbs. (75 kg)
Machine Weight:	145 lbs. (110 kg)

EZ10

Power Supply:	110V, 1ph
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30” (765 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	36” (914 mm)
Max. Wheel Weight:	165 lbs. (75 kg)
Machine Weight:	145 lbs. (110 kg)

K22

Power Supply:	110V, 1ph
Wheel Clamping Type:	Manual
Max. Rim Diameter:	28” (771 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	30” (765 mm)
Max. Wheel Weight:	14 lbs. (30 kg)
Machine Weight:	159 lbs. (72 kg)

C330

Power Supply:	220V, 1ph, 50-60 hz
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30” (765 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	54” (1372 mm)
Max. Wheel Weight:	550 lbs. (250 kg)
Machine Weight:	507 lbs. (230 kg)
Air Pressure:	145 psi

C202SE

Power Supply:	220V, 3ph
Wheel Clamping Type:	Pneumatic
Max. Rim Diameter:	30” (765 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	51” (1295 mm)
Max. Wheel Weight:	550 lbs. (250 kg)
Machine Weight:	507 lbs. (230 kg)

MOVE!

Power Supply:	110V, 1ph
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)
Machine Weight:	66 lbs. (30 kg)

C206 Portable

Power Supply:	110V, 1ph, 50-60 hz
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30” (765 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	54” (1372 mm)
Max. Wheel Weight:	650 lbs. (295 kg)
Machine Weight:	419 lbs. (190 kg)

C350

Power Supply:	220V, 1ph, 50-60 hz
Wheel Clamping Type:	Manual
Max. Rim Diameter:	30” (765 mm)
Max. Rim Width:	20” (510 mm)
Max. Tire Diameter:	54” (1372 mm)
Max. Wheel Weight:	550 lbs. (250 kg)
Machine Weight:	507 lbs. (230 kg)
Air Pressure:	145 psi

WHEEL ALIGNMENT

CEMB provides a full range of wheel aligners, characterized by high technological content, which guarantees a quick, accurate, easy and trustworthy wheel alignment.

The wide range of products provides effective solutions fitting all the contexts of use: wheel alignment machines for cars, motorcycles, trucks and hybrids, which can be declined in a wide range of models developed for a workshop use exploiting the newest technology. In this way CEMB guarantees at the same time optimal wheel alignment, ease of use -thanks to the classic CEMB intuitive and userfriendly interface- and compact and ergonomic design.

In 2015 CEMB launched into the market Argos, the innovative and unique touchless (non-contact) wheel aligner, which ensures the measuring of toe and camber in less than 5 seconds with no manual operation, increasing turnover and customers' safety and satisfaction.

In 2025 ARGOS X comes: a flagship product reimagined, backed by 10 years of proven field experience and unwavering reliability.

Learn more on CEMB range of products here below: browse and compare our models, visualizing their technical specifications.

ARGOS X

ARGOS X is Cemb's most advanced automotive geometry system. Without any contact with the vehicle and without getting out of the car, in just 5 seconds, Argos X carefully measures toe and camber.

A NEW ERA

With ARGOS X , CEMB revamps the design of a flagship product, combining state-of-the-art technology with more compact dimensions. Forged through a decade of worldwide field experience, this breakthrough system redefines the standards of speed, reliability and simplicity in wheel alignment!

TOUCH LESS | FULLY AUTOMATIC | MAINTENANCE FREE | AUDIT

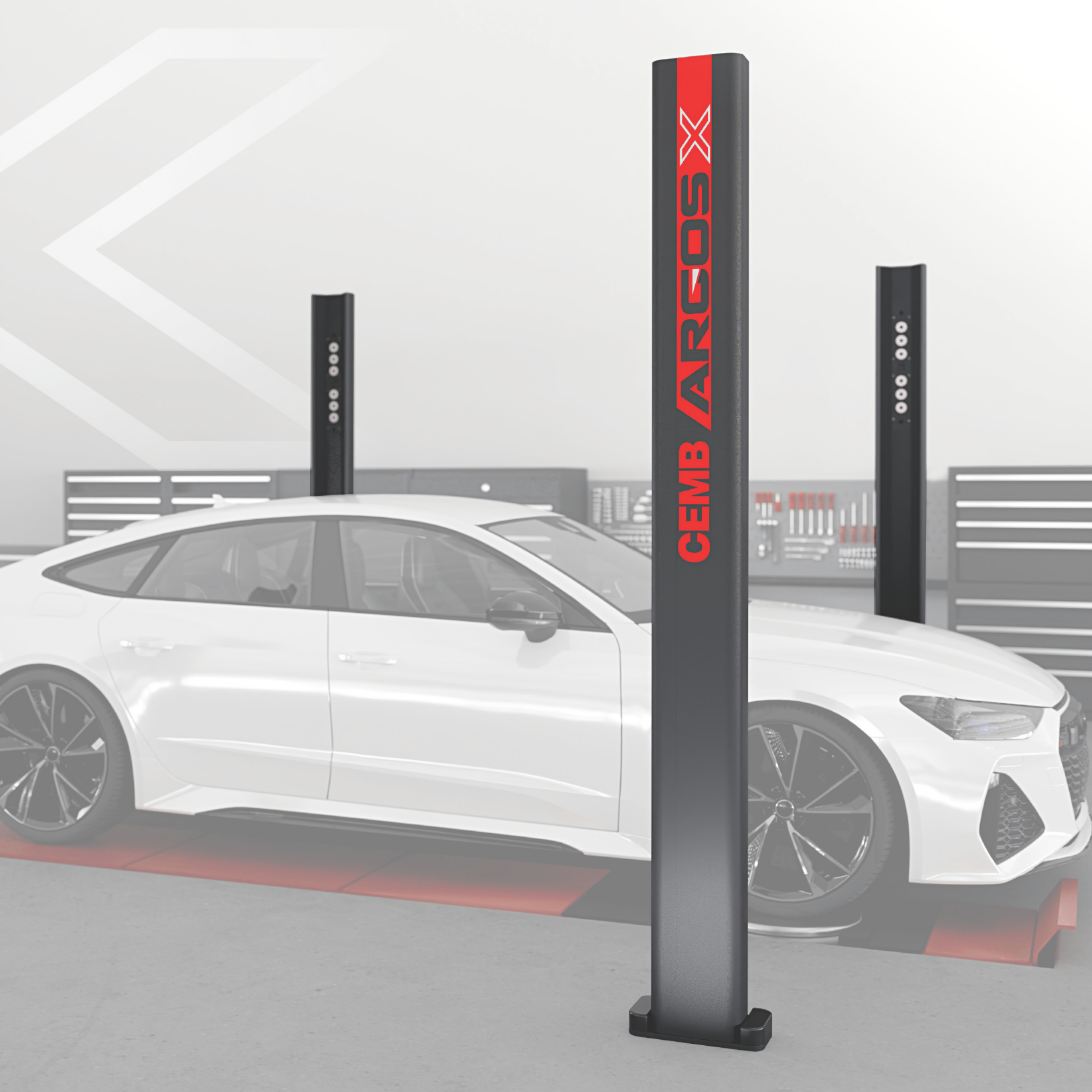
Instant touchless measurement on the 4 wheels without exiting the vehicle: forget the clamps, targets, sensors and time-consuming manual adjustments.
Perfect for adjustment and reception lane: Argos offers a user-friendly interface that allows technicians to quickly and easily inspection but also provides customers with immediate feedback on the conditions of their vehicle's alignment. The system's high-resolution displays and intuitive controls make it easy for technicians of all skill level to operate, ensuring consistent and reliable results.
Adaptable to existing working spaces: Argos X occupied minimal floor space, making it ideal for even the most compact workshops. Its modular design allows for flexible placement and configuration to suit your specific layout.
Suitable for all passenger cars and light commercial vehicles: with its ability to handle a variety of wheel sizes and types, Argos allows you to cater to a broader customer base, increasing your customer satisfaction and loyalty.

VERSION AVAILABLE:

FULL

Measures vehicles on-floor and at a fixed height ideal for both reception lane and adjustments with a lift

TOP 20 MOTOR 2025


CEMB ARGOS X

ARGOS X Drivethru

ARGOS X Drivethru performs a complete wheel alignment check, offering a fast, complete and highly professional service that allows to increase customers' satisfaction and loyalty.

HI-TECH reception lane

Positioned in the acceptance area of the workshop, Argos X Drivethru detects in a few seconds all the incoming vehicles that show anomalies and need adjustments.

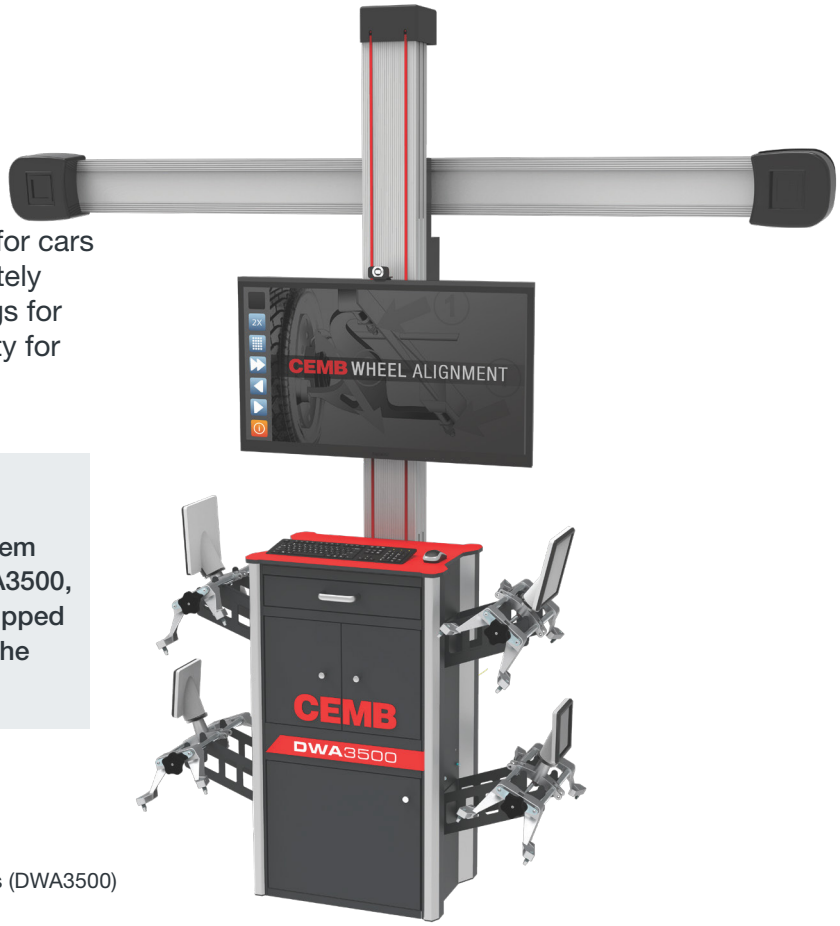
TOUCH LESS | FULLY AUTOMATIC | MAINTENANCE FREE | AUDIT

NEW

Complete wheel alignment control, including partial toe adjustment and steering wheel centering.
Contactless measurement: no clamps, targets, or sensors required, ensuring real time savings and eliminating the risk of rim damage.
Vehicle anomaly diagnostics with detailed reports on required interventions.
Quick spec search for automatic vehicle selection.
Remote control app available for tablets and smartphones.
Four **customizable graphic layouts** to suit your workflow.
Adaptable to any working environment, ensuring seamless integration

DWA3500

DWA3500 is the 3D wheel alignment system for cars and light commercial vehicles, with a completely redesigned cabinet with drawers and housings for printer and accessories, and easy accessibility for maintenance and an advanced software.



DWA3500 TG

The DWA3500TG is a 3D wheel alignment system that features the same capabilities as the DWA3500, with the primary difference being that it is equipped with four **HD 3-point tire grabbers** instead of the four HD 4-point targets.

*Photo shows the machine with the four HD 4-point grabbers (DWA3500)

Movable cameras that automatically adjust with the lift height. This ensures that the cameras are always positioned correctly, eliminating the need for manual adjustments and ensuring precise measurements regardless of the vehicle's height on the lift.
Frontal assistance video camera is included to help guide vehicles onto lift. This feature is particularly useful in busy workshops, as it aids in positioning the vehicle correctly and reduces the risk of errors during the alignment process.
Sturdy and compact targets with no electronics and batteries. **The single raised wheel run-out feature** is particularly advantageous for smaller workspaces or lifts with stairs, optimizing space usage and facilitating the measurement process even in less-than-ideal working.
Wheelbase track and diagonal measurements to identify potential damage from accidents.
Measurements with two targets providing accurate alignment data even for long vehicles.
Audit Function: identification of driving problems, resulting from measures not contemplated in the specifications to support the regulation service.

INTERFACE	CABINET	PC+WINDOWS SYSTEM	CLAMPS	CAMERA SUPPORT	TURNTABLES	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	X	●
32" screen	Standard	Standard	Four 4-point clamps	(with automatic control)	Not included	Standard

DWA1100

DWA1100 is the wheel alignment system for cars and light trucks. Unit complete with cabinet, computer control system, sensors and all accessories required for alignment operations.

8-CCD ALIGNMENT for car and light commercial vehicle wheels

CCD (charged coupled device) sensor technology, featuring state-of-the-art electronic components enables a quick and accurate measurement of all alignment parameters by simply following a procedure field tested through many years of experience.

Radio communication 2.4 GHz: the radio communication between sensors and computer uses a frequency of 2.4 GHz. This technology features a stable and reliable communication over a lengthy period.
There are 7 different channel communications available which can be useful in cases of multiple installations and/or solving interference problems.
Featherweight sensors (only 5.7 lbs) powered by **lithium batteries** for 24 hours of work. This extended battery life ensures that the system can handle even the busiest workdays without frequent recharging, thus minimizing downtime and maintaining productivity.
Together with the CCD sensors, **the MEMS accelerometer** (derived from the aeronautical field), provides the acquisition of the alignment parameters of wheels. It measures the sensor inclinations according to the two main axles (caster and camber).
Database: the new vehicle model ranking system allows a rapid and clear selection of the different vehicles. CEMB database contains more then 55.000 vehicles and is constantly updated.

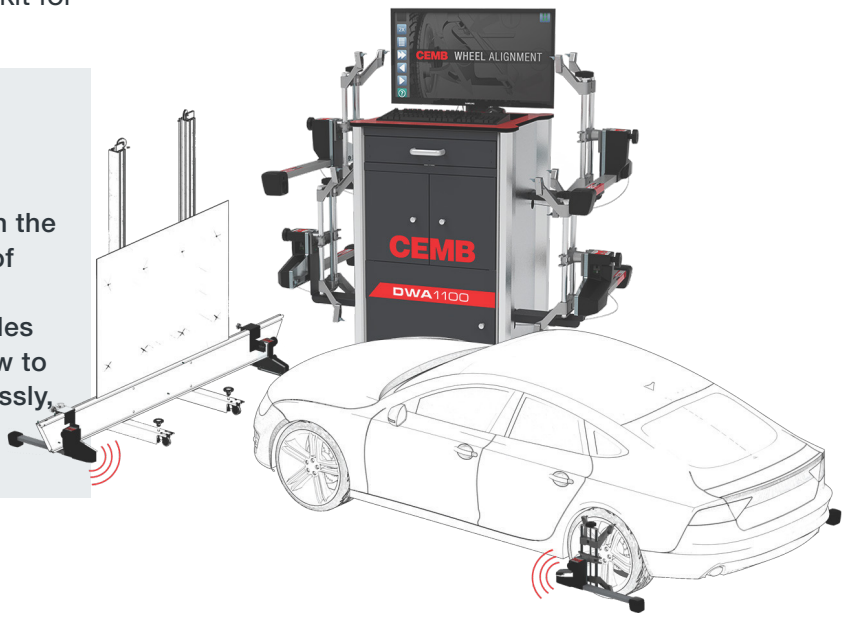
INTERFACE	CABINET	PC+WINDOWS SYSTEM	CLAMPS	SENSORS	TURNTABLES	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	X	●
27" screen	Standard	Standard	Four 4-point clamps	4 car sensors	Not included	Standard

DWA1100
ADAS

DWA1100 ADAS is the measuring system for mobile wheel alignment, integrated with ADAS CCD kit for ADAS panels positioning.

ADAS-READY wheel alignment system

Once the wheel alignment is checked, attach the front wheel detectors to the calibration bar of the ADAS support. A specialized software identifies the vehicle's thrust axle and provides the operator with precise instructions on how to position the ADAS panel quickly and effortlessly, preventing any positioning mistakes.



CCD MEASURING SYSTEM · Li · MEMS · 2,4 Ghz · +40.000 VEHICLES · 5,7 lbs

*The panel in the picture is not included; it is just for demonstration purposes.

Compact and wireless system consisting of a mobile support for sensors and clamps, which acts as a recharge point for the CCDs and the toughpad.
CCD sensors (only 5.7 lbs) mount lithium batteries, featuring a long durability when batteries are charged. The batteries are immune to the "memory effect" and can be rechared at any time. The software system guides the user through all the alignment operations. The software allows the adjustment two axles in one screen and provides a clear help for adjustment. Complete with **Audit Function** for the identification of driving problems, resulting from measures not contemplated in the specifications to support the regulation service.

INTERFACE	TROLLEY	WINDOWS SYSTEM	CLAMPS	SENSORS	KIT ADAS	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	●	●
27" screen	Standard	Standard	Standard	4 car sensors	Standard	Standard

DWA1100 CWAS

DWA1100CWAS is a perfect package for portability or for shops starting out with low volume alignment service who wish to avoid the investment cost of an alignment rack.

Portable wheel stands

Portable wheel stands allow use on a two-post lift in virtually any work bay. Optimal for small repair shops or even frame benches in heavy-hit collision shops. Also works well as a back up alignment system to handle over-flow alignment service all across the shop.

Compact and wireless system consisting of a mobile support for sensors and clamps, which acts as a recharge point for the measuring heads (CCD sensors).
The software is managed utilize lithium batteries and an extremely robust, waterproof and dust-proof structure with a rubberized cover breaking proof.
The measuring heads (CCD sensors) **(only 5.7 lbs)** mount lithium batteries, featuring a long durability when batteries are charged. The batteries are immune to the “memory effect” and can be rechared at any time.
The software system guides the user through all the alignment operations. The software provides a clear help for adjustments. Complete with **Audit Function** for the identification of driving problems, resulting from measures not contemplated in the specifications to support the regulation service.
Portable wheel stands with integrated turn plates on all four stands for aligning all vehicles, including independent fourwheel suspensions and long wheelbase light trucks.

INTERFACE	TROLLEY	WINDOWS SYSTEM	CLAMPS	SENSORS	KIT ADAS	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	X	●
10” TOUGHPAD	Standard	Standard	Standard	4 car sensors	Not included	Standard

DWA1100 TROLLEY

DWA1100 Trolley is a very interesting space-saving and highly mobile solution!

The MOBILE CCD wheel alignment system

Thanks to the mobile structure with pivoting wheels it can be easily positioned near the vehicle thus optimizing the spaces inside the workshop, eliminating the encumbrance of the PC and allowing the operator to work comfortably even under the vehicle.

The mobile structure with pivoting and rubber wheels of 100 mm (4 inch) diameter allows smooth movement on any type of flooring. The extremely compact cabinet is easily transportable and the supports mounted on the cabinet hold targets and clamps and act as a recharge point for the CCDs and the toughpad.
The software is managed by a toughpad with a 10" touch screen and an extremely robust, waterproof and dust-proof structure with a rubberized cover breaking proof; it supports the Windows 10 operating system and Wi-Fi connection, thus ensuring optimal ease of use even during operation under the vehicle.
CCD sensors (only 5.7 lbs) lithium batteries, featuring a long durability when batteries are charged. The batteries are immune to the "memory effect" and can be rechared at any time.
The MEMS accelerometer (derived from the aeronautical field), provides the acquisition of the alignment parameters of wheels. It measures the sensor inclinations according to the two main axles (caster and camber).
Audit Function: identification of driving problems, resulting from measures not contemplated in the specifications to support the regulation service.

INTERFACE	TROLLEY	WINDOWS SYSTEM	CLAMPS	SENSORS	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	●
10" TOUGHPAD	Standard	Standard	Four 4-point clamps	4 car sensors	Standard

DWA1100 TRUCK

DWA1100 Truck is the wheel alignment system for trucks and buses. Based on CCD (Charged Coupled Device) sensor technology enables a quick and accurate measurement of all alignment parameters by simply following a procedure field tested through many years of experience.

App for remote control (option)

Wheel alignment App enables the replication on your smartphone or tablet of the wheel alignment monitor, acting as remote control to operate on the machine software.

Radio communication 2.4 GHz: the radio communication between sensors and computer uses a frequency of 2.4 GHz. This technology features a stable and reliable communication over a lengthy period.
There are 7 different channel communications available which can be useful in cases of multiple installations and/or solving interference problems.
Featherweight sensors (only 6.2 lbs) with **lithium batteries** for 24 hours of work. This extended battery life ensures that the system can handle even the busiest workdays without frequent recharging, thus minimizing downtime and maintaining productivity.
Advanced software functions such as the step by step procedure accommodates up to 7 axles, the two-sensor mode for a quick and efficient measurement of the front axle and the possibility to adjust both axles on one page only enhance the productivity and the accuracy in automotive workshops.
Sunlight filter: over 39 feet wheelbase even in outdoor sun exposed environment.

INTERFACE	CABINET	PC+WINDOWS SYSTEM	CLAMPS	SENSORS	BRAKE PEDAL LOCK/ STEERING LOCK
●	●	●	●	●	●
27" screen	Standard	Standard	Four 4-point clamps	4 truck sensors	Standard

TIRE CHANGERS

CEMB has played a pioneering role in the field of tire changers, thanks to the creation of the revolutionary bead-breaker system with rollers in the 60s. In early 80's CEMB built a tire changer/balancer combo named "Jolly".

Today CEMB offers a full range of models in order to provide the best solutions for any need of the customer: whether you are looking for a tire changing ma-chine for car, motorcycle, truck, bus, tractor or earth moving, CEMB has right the product for you.

All the CEMB tire changers - semiautomatic, automatic, leverless – are characterized by a robust and compact structure, in order to guarantee extreme handiness.

These characteristics, together with the high technological content, make CEMB tire mounting machines the ideal solution for the professional.

SM1100

The SM1100 is a versatile tire changer, combining the speed and efficiency you need for a wide range of wheels.

Versatile

This tire changer is versatile and adaptable, suitable for ultra-low-profile and run-flat tires, as well as special rims, everyday wheels, and even light truck and industrial tires. The SM1100 adapts easily to get the job done.

Secure clamping: center-post quick-lock clamping system securely holds virtually any wheel without damage. Easy access to the rim and tire from below, with a clear work area.
Effortless demounting: leverless mount head allows simple fingertip demounting of even the toughest tires. High-performance low-profile, stiff sidewall run-flats, and commercial multi-ply tires up to 45” diameter and 12.5” wide.
Precise bead breaking: Fingertip controlled bead roller loosening system delivers power with finesse for safe handling of delicate or expensive wheels.
Efficient operation: side shovel boosts speed, efficiency, and power for your everyday tire changing needs.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
12” - 30”	45” (1143 mm)	15” (381 mm)	7, 5-15 rpm	220V, 1ph	992 lbs (450 kg)

TORUK

The CEMB TORUK is designed for high-volume shops that demand productivity without compromising wheel integrity. The TORUK can handle the toughest rim and wheel combinations up to 30” for cars, SUV’s and light trucks. The patented Dynamic Tool Head provides contact-free mounting and demounting with matched rim protection.

Versatile

Patented Dynamic Tool Head with front and rear levers
Automatic Center-Post positioning to Tool Heads
Variable-Speed, 0 – 16 rpms motor for exact control
Intuitive multifunctional control console for easy operation
Built-in front loading wheel lift
Laser Pointer to position Dual-Roller Bead Breaking arms

PATENTED DYNAMIC TOOL HEAD: Two-in-one system designed to allow one lever to pull the bead over the rim edge without damage and the second lever enables precise mounting of the top bead.

BEAD PRESS: Bead pressure arm, with adjustable working height, which follows the rotation of the tyre to facilitate the mounting of UHP or run-flat wheels.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
10" - 30"	47” (1200 mm)	15” (380 mm)	0–16 rpm	230V, 1ph	815.71 Lbs (370 kg)

SMX70LL

The SMX70LL Tilt-Back Leverless tire changer is designed to change High-Performance, Run-Flats and most tires on cars and light trucks in high-volume tire shops and repair garages.

Versatile

Variable-Speed Turn Table, 0-16 rpms.
Opposed-Jaw adjustable clamping range, 12” – 27”.
Leverless Demount Head handles the toughest wheels.
Tilt-Back Tower designed to reduce flexing of Tool Head.
Integrated Bead Seating Jets built into clamping jaws.

Speed & Control Technology · Integrated inverter for drive motor allows variable turntable speed of 0-16 rpms resulting in precise mounting without damaging the rim or wheel.
Operator-Focused Ergonomics · Pedals positioned inline for intuitive operation Sliding roller arm improves technician control Reduced physical strain during daily operation HPX Bead Assist device helps during mounting of the upper bead.
Built for Intensive Use · Reinforced vertical post base High-strength structural components Engineered for professional shop environments Designed for durability and long service life
Versatility & Capacity: External clamping: 10” – 24” Internal clamping: 12” – 26” Leverless system for modern alloy wheels: Suitable for a wide range of passenger & light truck tires

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
10" - 26"	46” (1170 mm)	16” (406 mm)	0–16 rpm	230V, 1ph	628.31 Lbs (285 kg)

SM825EVOAIR

A traditional swing arm tire changer, ideal for general service of most OEM fitments and a variety of custom tires and wheels.

SM825EVOAIRPA

Version complete with an optional high-performing **press arm** system to handle stiff side wall tires and custom wheels.

SWING

Dual table clamping cylinders with value-added specifications protect alloy wheels and provide outside clamping for 12”-24” wheels.
Dual-stage inflation system with safety limiter and bead sealing inflation jets integrated into the clamping jaws. Self-centering plate with **10-24” locking capacity,** and variable-speed pneumatic motor.
Custom mount/demount head features replaceable plastic inserts to prevent wheel damage. **Multi-angle adjustable bead breaker shovel** effortlessly loosens even the most stubborn tires and wheels. **Operates on 140 psi compressed air.**

INTERNAL CLAMPING CAPACITY	EXTERNAL CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 30”	12” - 28”	47.5” (1206 mm)	15” (381 mm)	7-14 rpm	Pneumatic Motor	529 lbs. (240Kg)

SM825EVO

A traditional swing arm tire changer, ideal for general service of most OEM fitments and a variety of custom tires and wheels.

SM825EVOPA

Version complete with an optional high-performing press arm system to handle stiff side wall tires and custom wheels.

SWING

*Photo shows the machine with the optional press arm (optional as SM825EVOPA)

Dual table clamping cylinders with value-added specifications protect alloy wheels and provide outside clamping for 13”-24” wheels.
Dual-stage inflation system with safety limiter and bead sealing inflation jets integrated into the clamping jaws.
Self-centering plate with **10-24” locking capacity** and double rotation.
Custom mount/demount head features replaceable plastic inserts to prevent wheel damage. **Multi-angle adjustable bead breaker shovel** effortlessly loosens even the most stubborn tires and wheels. **Operates on 140 psi compressed air and 110V.**

INTERNAL CLAMPING CAPACITY	EXTERNAL CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 30”	12” - 28”	47.5” (1206 mm)	15” (381 mm)	7-14 rpm (7 rpm 1speed)	110V, 1ph	529 lbs. (240Kg)

SM645HPA

SM645HPA is a professional quality automatic locking tilt-column tire changer with HPA high performance press arm and an auxiliary helper arm

PRESS & HELPER ARMS

Separate press and helper arms provide more flexibility and control when working with high-performance or run-flat tires, especially those with stiff sidewalls or deep drop centers.

Self-centering plate with 12-26” locking capacity ensures accurate and secure tire placement. **Tilt-back mount-demount arm** automatically rotates and lowers into position with smooth pneumatic control and a durable locking system with roller guides.
Adjustable bead loosening system adapts to the perfect angle for various tire sizes, enhancing control and accuracy.
Two-stage tire bead sealing inflation jets are conveniently integrated into the clamping jaws. Tire inflator includes a safety limiter for added peace of mind.

INTERNAL CLAMPING CAPACITY	EXTERNAL CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 30”	12” - 30”	47” (1194 mm)	13” (330 mm)	7-14 rpm (7 rpm 1speed)	110V, 1ph	738 lbs (335 Kg)

SM645HP2

SM645HP2 is a professional quality automatic locking tilt-column tire changer with HP2 high performance press arm and auxiliary helper arm unified into one.

INTEGRATED PRESS & HELPER ARM

A compact, unified arm system that simplifies mounting and dismounting of high-performance and run-flat tires, especially on wheels with stiff sidewalls or deep drop centers.

Self-centering plate with 12-26” locking capacity ensures accurate and secure tire placement. **Tilt-back mount-demount arm** automatically rotates and lowers into position with smooth pneumatic control and a durable locking system with roller guides.
Adjustable bead loosening system adapts to the perfect angle for various tire sizes, enhancing control and accuracy.
Two-stage tire bead sealing inflation jets are conveniently integrated into the clamping jaws. Tire inflator includes a safety limiter for added peace of mind.

INTERNAL CLAMPING CAPACITY	EXTERNAL CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
12” - 30”	12” - 30”	47” (1194 mm)	13” (330 mm)	7-14 rpm (7 rpm 1speed)	110V, 1ph	738 lbs (335 Kg)

SM628BPS

SM628BPS thanks to the professional-grade swing arm is perfect for OEM, oversized tires, and custom wheels.

Bead Press System

Version complete with an optional high-performance Bead Press System (BPS) which is highly recommended to easily aid in the servicing of low-profile, run flat, on/off road tires and commercial light trucks with stiff sidewalls and difficult rims with deep drop centers.

Suitable for tall and wide tires, it handles virtually all wheels, **up to 44 inches in diameter and 15 inches in width**. Outside clamps rims from 12”-26” and is self-centering with rim diameter indexing guides.
Vertical post equipped with conic buses and play recovery systems which allow eliminating post flexure.
Self-centering plate with **12-26” locking capacity,** double rotation and two speeds.
Self-centering clamping jaws with high-quality dual air cylinders; uniform clamping pressures and high clamping force reduce the possibilities of rim slippage
Standard quick-change mount head kit provides steel and polymer long-wearing mounting heads

INTERNAL CLAMPING CAPACITY	EXTERNAL CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 27”	11” - 24”	44” (1117 mm)	15.5” (394 mm)	7,5-18 rpm	220V, 1ph	573 lbs (260 kg)

SM615BIKE

SM615 bike is the semi-automatic tire changer specifically manufactured for bike and scooter wheels with horizontal moving arm, suitable for motorcycle wheels with a rim size from 3.6” to 22”.

SM615BIKEPA

Equipped with an optional high-performance **press arm system**, it enables easy handling of stiff sidewall tires and delicate custom wheels. Built with the same sturdy structure as our car tire changers, it ensures superior durability and performance.

SWING

Semi-automatic tire changer with swing arm, vertical working arm with lever lock, side positioning of the tool with respect to the rim by means of a knob and vertical working arm with spring return. Fastening of the horizontal arm on the post has been designed to allow operating (with the appropriate accessories) on wheels with 3.6” to 22” rims (typical of motorcycles, karts, ATV wheels and hobby and gardening machines).
Self-centring plate with 3.6” - 22” locking capacity.
Mounting head specifically designed for motorcycle wheels.
Body with extractable pedal unit to facilitate technical service, robust reduction unit, standard CE-certified inflation pressure limiter with provision for gun connection.
Bead breaker with double-acting cylinder and fixed blade.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
3.6” - 22”	39.5” (1000 mm)	10” (270 mm)	7 rpm	110V, 1ph	507 lbs (230 Kg)

SM56T

SM56T is the universal semi-automatic tyre changer for truck, bus, agriculture and earth moving vehicles.

Features

Self-centering chuck to lock grooved and split ring rims from 14” to 46”, working capacity increaseable to 56” using the optional extensions, 2-speed rotation in both directions of the self-centering chuck, automatic translational movement of tool-holder carriage.

Automatic translation of the tool-holder carriage controlled by the on-purpose control unit. Automatic lifting and traversing of tool-holder arm in two different working positions.
Tool-holder arm lifting and tool rotation are manually achieved through the onpurpose unlocking device. The special conical shape of the bead breaker disc allows to obtain an easy dismounting of split ring rims.
Bronze bearings: the chuck rotation housings are made in bronze. This device increases considerably the duration and reduces substantially any eventual mechanical play.
The tool-holder carriage stoke has been **increased** in order to easily operate on wheels up to 41” width.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 56”	90.5” (2300 mm)	42” (1065 mm)	4,5 - 9 rpm	220V, 3ph	1798 lbs (816 Kg)

CM27T

CM27T is the semi-automatic universal electro-hydraulic tyre changer for truck and bus wheels with a maximum diameter of 62” and a maximum width of 30”.

Features

Semi-automatic, with single rotation speed hydraulic shaft and mobile control unit with anti-crush cable. For truck and bus wheels 13” to 27”.

Single rotation speed hydraulic chuck with 5 different rim locking positions. **Manual lifting and traversing** of the tool-holder arm. **Manual translational movement of the tool-holder carriage** with three different working positions, that allow a greater speed in operations.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
13” - 27”	63” (1600 mm)	30,5” (780 mm)	4,5 - 9 rpm	220V, 1ph	1388 lbs (630 Kg)

DYNAMO SERIES

The new DYNAMO SERIES sets a new standard in tire-changing technology for trucks, buses, agricultural, and earthmoving equipment. Built for power, reliability, and maximum efficiency, this range features three electro-hydraulic tire changers designed to meet the needs of professional heavy-duty workshops.

DUAL MATIC: the flagship model equipped with a dual carriage system, designed to handle the heaviest and most demanding tires (up to 2200 kg) with speed and safety. SMT56: the versatile truck tire changer, combining adaptability, rugged construction, and advanced automation to deliver high performance in daily operations. SMT30: the semi-automatic option for workshops seeking efficiency and practicality while maintaining excellent clamping capacity and ease of use.

With the DYNAMO SERIES, CEMB provides the ideal combination of strength, precision, and innovation, ensuring every heavy-duty tire service is faster, safer, and more reliable.

DUAL MATIC

NEW

DUAL MATIC is the new superautomatic electro-hydraulic tyre changer with dual carriage system, designed for truck, bus, agricultural, and earthmoving wheels.

HEAVY DUTY

The DUAL MATIC structure is designed to achieve maximum rigidity even under the most demanding stress conditions. Conceived to simplify the service job on extremely heavy tyres (up to 5070 lbs. weight).

Fully automatic double carriage movement: the automatic translational movement simplifies the positioning of the wheel on the spindle and speeds up the operations on all types of wheels. The two independent translations allow to precisely handle every working situation. Both movements are equipped with double speed.
Fully automatic hydraulically controlled lifting and rotation of the tool-holder arm to always maintain the same level of fluidity and reliability. The robotic arm system enhances the ease of operation, and the leverless working system ensures efficiency with minimal effort.
New self-centering chuck: the extended arms and the special shape of the 4 jaws secure rims from 11“ to 46”, which can be extended to 60” with the appropriate extensions.
Low voltage **portable control unit**, easily movable inside the working area. Wired connection with self-centering chuck dual speed switch on the electrical panel (standard version). Complete with an emergency stop button for immediate halt.
Other available versions: with radio controlled commands or with air command box for maximum ergonomy.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14”- 46” (60” ext.)	100” (2550 mm)	59” (1500 mm)	4,5 - 9 rpm	230V, 3ph, 60Hz	3196 lbs. (1450 kg)

SMT56

NEW

SMT56 is the universal electro-hydraulic truck tire changer designed for tubeless or inner tube tires of trucks, buses, tractors and earth moving machines with a maximum diameter of 91” and a maximum width of 45”.

Automatic Tool-Holder Arm with Dual Working Positions

Semi-automatic lifting and rotation of the tool-holder arm which can be secured in **2 different working positions.** The special semi-spherical shape of the bead breaker disc allows to obtain a better penetration between rim and tire bead in order to avoid damaging the wheel and with less operator effort. Possibility of operating with the disk unlocked to speed up work execution.

The hydraulic chuck has working capacity from 14” to 42” and its clamping capacity can be also extended till 56” using the optional extensions. It performs a 2-speed rotation in both directions. The special clamp profile with 5 clamping points allows also several clamping solutions.
Automatic translational movement left-right of the tool-holder carriage.
Manual tool-holder arm lifting and tool rotation with quick unloocking device.
The SMT56 tire changer is equipped with safety features designed to ensure maximum operator safety, including a magnetothermal switch to protect the electric motor.
The machine is equipped with a **low voltage portable control unit, easily movable inside the working area.**

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 42” (56” with extensions)	91” (2300 mm)	45” (1150 mm)	4,5 - 9 rpm	230V, 3ph, 60Hz	1884 lbs. (855 kg)

SMT30

NEW

SMT30 is the semi-automatic truck tire changer designed for tubeless or inner tube tires of trucks and buses with a maximum diameter of 64.5” and a maximum width of 34”.

UNIVERSAL ELECTRO-HYDRAULIC TIRE CHANGER

The SMT30 for trucks and buses is built for heavy-duty use with a self-centering chuck and automatic tool-holder carriage for safe and efficient work on rims from 14” to 30” in diameter.

The hydraulic chuck has **working capacity from 14” to 30”** and it performs a **1-speed rotation in both directions**. The 4 self-centering clamps with adjustable pressure have been studied to allow several clamping solutions in order to assure a perfect locking of any rim’s shapes and profiles.
Automatic translational movement of the tool-holder carriage controlled by the on-purpose control unit. **Manual tool arm movement (translational)** with quick unlocking system. **Manual tool-holder arm lifting and tool rotation.**

The hydraulic distribution is equipped with a valve, which regulates the operating pressure of the chuck, allowing to safely operate on all types of aluminum and alloy rims, particularly thin or fragile.
The machine is equipped with a **low voltage portable control unit**, easily movable inside the working area. The rational lay-out of control levers, buttons and pedals prevents the operator from making accidental and dangerous operational errors.

CLAMPING CAPACITY	MAX. WHEEL DIAMETER	MAX. WHEEL WIDTH	ROTATION SPEED	POWER SUPPLY	NET WEIGHT
14” - 30”	64.5” (1640 mm)	34” (850 mm)	7 rpm	230V, 3ph, 60Hz	1333 lbs. (605 kg)

LIMITED WARRANTY

BL Systems Inc dba CEMB USA. (hereinafter “CEMB USA”) warrants products manufactured and sold by it to be free from defects in material and workmanship for a period of:

Wheel Balancers: 2 years (24 months) parts, (5 years 60 months) motors, & 1 year (12 months) labor*.

Tire Changers: 2 years (24 months) parts & 1 year (12 months) labor*

Wheel Aligners: 2 years (24 months) parts & 1 year (12 months) labor*

* Valid in the USA only - Labor not included in export markets

Warranty periods begin from the invoice date (wheel balancers and tire changers) and from the activation date (wheel aligners).

Stocking partners are granted an additional six (6) months when equipment is pulled from their own inventory, upon presenting installation certification (CEMB USA’s Installation & Setup Form signed by the end user) and in any case no more than thirty (30) months on parts and eighteen (18) months on labor from invoice date.

Misuse, freight damage, and calibration are **NOT** warrantable items, except those parts sold for the repair or replacement of existing equipment and such parts will only be warranted for a period of ninety (90) days from the invoice date. Wear elements are **NOT** covered by warranty.

Warranty extensions will be revoked should the distributor become past due on payments or fall below the minimum stocking threshold as set by CEMB USA’s stocking program.

If upon inspection by CEMB USA, any warranted product should prove defective, in terms of materials or workmanship, during the warranty period, that product shall be repaired or replaced at the sole discretion of CEMB USA. CEMB USA must receive the damaged part in return for full credit unless deemed otherwise by a member of the CEMB USA's service team. Such repair or replacement shall be CEMB USA's sole obligation and the buyer's exclusive remedy under this warranty. This warranty supersedes all prior oral or written agreements, promises, advertising or representations.

This warranty is exclusive and in lieu of all other representations and warranties, express or implied, and CEMB USA expressly disclaims and excludes any implied warranty of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description of the face hereof.

CEMB USA's liability in contract, in tort (negligence, strict liability, or any other theory) under any warranty, or under any other legal or equitable theory of whatever type, shall not exceed the purchase price paid by buyer, and under no circumstances shall CEMB USA be liable of special, indirect, incidental, or consequential damages. The amount of the purchase price of the equipment is determined in part by the fact that the buyer has agreed to limit the seller's liability.

No action arising out of any transaction under this agreement may be brought by the purchaser more than three (3) months after the cause of action has occurred. Some states do not allow an exclusion or limitation of consequential or incidental damages, so the above limitation of liability may not apply to you.

STATEMENT OF POLICY

Terms: Net thirty (30) days after invoice date. In-terest at the maximum rate permitted by law will be charged on delinquent accounts. Terms of payment are not based on receipt of shipment. Transportation delays are beyond our control after shipment is picked up from our dock. For loss or damage, a claim should be submitted to the freight agent/carrier.

Minimum Part Orders: $50.00. A 25$ fee will be applied to any invoice where the minimum is not met.

Shortage Claims: Any claims for shortages or loss must be reported within ten (10) days of receipt of shipment. Claims for in transit loss or damage should be handled directly with the freight agent/carrier.

Dispute of Invoice: Any dispute over an invoice must be made within thirty (30) days of receipt of invoice.

State Law: State law issues concerning construc-tion, interpretation, enforcement, and the perfor-mance of this contract shall be governed by laws of the State of Georgia. Purchaser hereby consents and agrees to venue and jurisdiction for any dispute arising under this contract in the State of Georgia.

Condition of Acceptance: All orders are subject to acceptance at our office in Gainesville, Georgia, and our ability to ship. Product prices, discounts, and terms are subject to change without notice or within the obligations set forth within the vendor contract, whichever is applicable.

RETURN OF GOODS

1. Good may not be returned to CEMB USA with-out written approval.
2. Service Technician or repairman MUST contact CEMB USA's Order Desk for authorization prior to performing any repairs or returning any products.
3. Service Technician or repairmen MUST receive a Return Goods Authorization (RGA) from CEMB USA's Order Desk prior to returning any product.
4. The RGA must be enclosed as a packing slip, or the RGA number must be written on the box or both.
5. Shipments must contain only the authorized returns listed on the RGA. Mixed shipments containing non-requested items will cause a delay in the issuing of credits.
6. Merchandise must be received within thirty (30) days of the date of the RGA or the RGA will be cancelled.
7. Non-current merchandise is not subject to return.
8. Non-warranty returns are subject to a 30% restocking fee.
9. The issuance of an RGA **does not guarantee** credit; it is only authorization for the return.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CEMB® USA
BALANCING MACHINES

BL Systems Inc. dba CEMB USA
2873 Ramsey Rd
Gainesville, GA 30501
www.cemb-usa.com

Garage equipment division
CEMB USA - USA (GA)
Plant and Training Center
Office +1 (678) 717-1050 Fax
+1 (678) 717-1056
garage@cemb-usa.com
service@cemb-usa.com