PRODUCT CATALOG 2019

WHEEL BALancers - TIRE CHANGERS - WHEEL ALIGNMENT
Since 1946 the headquarters have always been located in Italy, at Mandello del Lario, on the eastern shore of Lake Como.

CEMB is located in Mandello del Lario, not far from Milan’s main airports. The company’s management offices as well as the technical, commercial and administrative departments are all located here. This also includes show rooms, meeting and training rooms.

In 1946 Luigi Buzzi designed the first balancing machine with a revolutionary solution, covered by patent. From 1946 to 1949 he built up the production of mechanical resonance type balancing machines followed by stroboscopic types particularly distinguished for their sensitivity and robust manufacture.

Today CEMB is led by Luigi’s son Carlo. Carlo continues to lead the company forward with continuous research and technical innovation, which means CEMB will continue to be a leader in both wheel service equipment and the industrial fields of balancing.

Ever since its establishment in 1946 thanks to the initiative of Luigi Buzzi, CEMB has exhibited the signs and characteristics which have enabled it to achieve a principal role in the manufacturing and production of balancing machines. CEMB is also the only company in the world manufacturing balancing equipment for three different divisions.
Since 1978 CEMB USA has been located near Atlanta Georgia. Headquarters are now in Gainesville, Georgia near Lake Lanier.

CEMB USA’s full range of products comes to you fully assembled, including standard, performance, and diagnostic levels. All machines come in a shop neutral color (steel gray) that will match well with existing shop equipment.

We finalize assembly, calibrate, and test all of our machines before they leave our warehouse so that they are ready to use as soon as they get to your facility. Once in your facility we have a complete sales force of representatives and service centers throughout all of the US to help support our wheel service equipment, along with one of the best warranties in the industry. Don’t be shy! Give us a call today to find out how we can help (678) 717-1050.

CEMB is an Engineering company – we are the Innovators – we will continue to develop new & exclusive features and products which others will copy in time as demand grows – we are ahead of the market curve, not reacting to it!

So, Exactly How Do You Pronounce Our Name?

CEMB  =  \{ CH - EM \}
CEMB® IN THE WORLD

CEMB has evolved over the last 75 years into a trusted business partner in specialized balancing industries, but also specializing in Automotive Wheel Service Equipment.

CEMB has grown from its original location in Northern Italy, to a presence in strategic marketplaces worldwide, including a location in the greater Atlanta, Georgia area, which opened in the late 1970s.

Today, CEMB actively sells equipment in over 75 countries worldwide, with full support services. Those who choose CEMB are assured of top-tier, professional support for lifetime.

CEMB offers a level of technical support to our Clients - before, during, and after the sale - that is perhaps unrivalled in the Wheel Service industry. From local assistance by our network of local Sales Representatives with model selection, local product demonstrations, as well as on-site, complimentary operational training on our equipment, to Service & technical support after the sale, including offering a live Tech Support Hotline.

CEMB offers Technical Training services to our Clients in either our own facilities, or on-site, as needed, in all aspects of balancing theory, vibration analysis, and equipment Maintenance and Support.
CEMB is the only company in the world manufacturing balancing equipment for 3 different divisions, with technical advantages coming from the synergy of all those sectors.

CEMB offers innovative, patented solutions and the widest range of garage equipment in the world. High performance, superior accuracy, reliability and operational simplicity are the features which distinguish the CEMB line of garage professional machines. Since 1952 CEMB has offered the most diverse and complete range of balancing machines available on the market, in addition to wheel alignment and tire changers for cars, trucks, buses and motorcycles.

CEMB manufactures and markets a wide range of industrial balancing machines. Vertical balancers with balancing on one or two correction planes, for rotors weighing a few ounces up to 5.5 lbs. Horizontal balancers with joint drive or belt drive for rotors from 0.4 ounces to 220,500 lbs. The mechanical structure and electronic control modules are designed to work under the most severe operating conditions and they are also suitable for large batch production.

CEMB also designs and manufactures a full range of equipment for measuring vibration and correction of the unbalances on rotating machines. The instrumentation for continuous monitoring, based on microprocessors of the latest generation, allows the users to implement powerful and flexible monitoring systems, simplifying the measuring systems. The portable instruments allow easy and accurate solving of any vibration problem on machines during operation.
WHEEL BALANCERS

WHEEL SERVICE EQUIPMENT
ER100 EVO 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.

AUTOCLAMPING) STANDARD ACCESSORIES | DIAGNOSTIC RFV WHEEL BALANCER

ER75 TD 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 are combined with HubMatch™ balancing to be sure the assembly is round when rolling on the vehicle to provide the best possible ride quality.

- 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.
- Fast 6-second cycle time, includes automatic RFV measurement.
- Made in Italy. Final assembly in USA. 110/220v, 1ph +AIR
- See comparison chart on pg. 14 for more details.

*Radial Force Vectoring

STANDARD ACCESSORIES

HUBMATCH® | DIAGNOSTIC RFV WHEEL BALANCERS

(AUTO-CLAMPING) STANDARD ACCESSORIES

(MANUAL-CLAMPING) STANDARD ACCESSORIES

DIAGNOSTIC RFV WHEEL BALANCERS
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.
- Made in Italy. Final assembly in USA. 110/220v, 50/60 Hz.

STANDARD ACCESSORIES

ER73 TD

ER72 TD

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 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.
- Made in Italy. Final assembly in USA. 110/220v, 50/60 Hz.
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 2D inner data arm features direct weight placement. Optional fully automatic 3D data entry available.
- 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.
- Handles steel and custom wheels in clip-on, tape weight and even hidden aluminum wheel split-spoke modes.
- Electro-magnetic braking easily holds the wheel to aid in placement of correction weights.
- 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. 110v, 50/60 Hz.

EZ9

A space saving motorized wheel balancer with high-end balancing capabilities; with accuracy and repeatability. Built into a proven robust and extremely reliable design. Great for small garages, mobile transport, race track use or as a backup balancer.

- Fast 5-second cycle time. Quick clamping wing nut supplied standard.
- Automatic inner data arm (2D) direct weight placement enters tape-on weight locations without keypad entry.
- Handles steel and custom wheels in clip-on, tape weight and even hidden aluminum wheel split-spoke modes.
- Foot pedal brake easily holds the wheel to aid in correct placement of wheel weights.
- 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. 110v, 50/60 Hz.
**EZ29**

A space saving portable wheel balancer with high-end balancing capabilities; built into a robust, proven reliable design. Great for small garages, mobile transport, race track use or as a backup balancer.

- Hand-spin, fast 5-second cycle time.
- Automatic inner data arm (2D) direct weight placement enters tape-on weight locations without keypad entry.
- Handles steel and custom wheels in clip-on, tape weight and even hidden aluminum wheel spoke modes.
- Foot pedal brake easily holds the wheel to aid in correct placement of wheel weights.
- Quickly balance wheels in ounces or grams; in static or dynamic modes, up to 30” rim diameter and 165 lb. wheel capacity.
- Long life 12V lithium battery powered w/ 110v, 50/60 Hz. charger.
- Made in Italy. Final assembly in USA.

**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, 50/60 Hz. charger.
- Made in Italy. Final assembly in USA.
C202 SE
A HD 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.
- Electro-magnetic wheel weight brake 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., 50/60 Hz.
- Made in Italy. Final assembly in USA.

C218
A multi-function touch screen 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.
- Electro-magnetic wheel weight brake 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 110v or 220v, 1 ph., 50/60 Hz.
- Made in Italy. Final assembly in USA.
**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.
- Electro-magnetic brake for easy 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., 50/60 Hz.
- Made in Italy. Final assembly in USA.

**C206 HD**

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, 50/60 Hz.
- Made in Italy. Final assembly in USA.
## COMPARISON
### WHEEL BALANCERS

<table>
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<tr>
<th>EZ1</th>
<th>EZ9</th>
<th>ER71</th>
<th>ER72TD</th>
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<tbody>
<tr>
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<td>HUBMATCH® AND RFV ECCENTRICITY MEASUREMENT</td>
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<td>RFV WHEEL ECCENTRICITY MEASUREMENT</td>
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- **standard**: 2D distance/diameter 3D 2D + width M manual E electrical EP electro-pneumatic DCS laser dot - contour scan
- **OPT**: optional MC manual clamping QC quick clamping AC auto clamping L laser line D laser dot

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**COMPARISON WHEEL BALANCERS**
WHEEL ALIGNERS

The touchless ARGOS InstaVision™ Wheel Alignment System instantly measures all four wheels in 5 seconds; eliminating all the drawbacks of operator set up and no need to get out of the vehicle. The ARGOS is available as a 4-Wheel Alignment System and also in a dedicated Pass/Fail Alignment Check System for instant verification of alignment.

For more information please visit: www.cemb-usa.com
**DWA4000**

Next generation 3D high definition digital camera vision technology is mated with lightweight wheel clamps and compact targets eliminating all electronics at the wheels increasing reliability and accelerating the set up and speed of the alignment process.

- Repair focused efficient software CEMB alignment software offers multi-language capability and customized configuration choices installed on Windows® based PC platform.
- Extensive 40+ year vehicle database includes vehicle specific adjustment illustrations and customization capability.
- 24” TFT LCD monitor, printer, cabinet and wheel clamp storage.
- Wheel clamps quickly attach to rims without marring surfaces. Wheel clamp extensions are included to attach to offset front dually wheels and also custom rims up to 30” diameter.
- Optional VIN barcode scanner specification entry (DWA4000+).
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 18 for more details.

**DWA1000 XL**

Robust wireless eight camera CCD sensors and lightweight wheel clamps make up this four wheel alignment system; designed with state-of-art electronics and efficient software to align the vehicle without excessive key-closures, and a flexible alignment path to quickly move onto the next vehicle.

- Wireless Bluetooth2 communication uses long lasting rechargeable Lithium Ion batteries.
- Eight camera CCD sensor design uniquely offer front and rear cross toe views to align even the lowest vehicles with ground effects packages when front cross toe beam is blocked.
- Choice of compensation modes provides rolling compensation or raised compensation to service extended wheel base vehicles unable to roll on shorter alignment racks.
- Light weight wheel clamps quickly attach to rims without damage. Extension pins included to attach clamps to offset wheels. Optional extension kit extends wheel clamp diameter to 30”.
- Extensive 40+ year vehicle database includes vehicle specific adjustment illustrations and customization capability.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 18 for more details.
DWA1000 CWAS

A perfect entry level 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 allow use on a two-post frame contact 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.

- CCD Wireless Sensor Wheel Aligner (DWA1000XL) with Wheel Stand Kit (Includes: Stands, Roller, & Plates).
- Portable wheel stands with integral turn plates on all four stands align all vehicles including independent four-wheel suspensions and long wheel base light trucks.
- Easy to learn, Easy to use software with advanced features & complete specs.
- Made in Italy. Final assembly in USA. Stands made in the USA.
- See DWA1000XL for more details on aligner.
- See comparison chart on pg. 18 for more details.

DWA1000 XLT

Robust wireless eight camera CCD sensors and lightweight wheel clamps with tire grabbers make up this heavy-duty truck and bus eight camera CCD wheel alignment system. Designed with state-of-art electronics and efficient software. The operator can quickly configure the alignment process to align heavy-duty trucks from a single steer axle to seven combined steer and drive axles.

- Wireless sensor communication uses a robust USB Bluetooth2 interface powered by long lasting rechargeable Lithium Ion rechargeable batteries.
- Multi-axle set up customization.
- Operator selected compensation modes offer rolling compensation, raised axles compensation or by-pass.
- Tire clamps quickly attach to wheels up to 50” diameter.
- 30+ year vehicle database includes heavy-duty truck alignment specifications and alignment spec customization capability.
- CEMB alignment software offers multi-language capability and customized configuration choices.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 18 for more details.
Maximize labor profits when repairing and calibrating ADAS Systems. The DWA1000ADAS represents the perfect package between mobile wheel alignment capability and ADAS calibration set up efficiency. After the alignment, the same CCD front axle sensors are placed on the ADAS support panel calibration bar by means of universal adaptors; leaving the rear axle sensors in their standard rear axle mounted location. With a single key-press, the technician is able to quickly and simply position the ADAS panel in respect to the vehicle thrust angle in both perpendicular and centering adjustment preparation.

What Is ADAS? Advanced Driver Assistance Systems (ADAS) is changing the landscape of the automotive world. Lane departure warning, collision braking systems, auto adaptive cruise control and fully autonomous driving systems are all using ADAS derivatives. ADAS uses numerous cameras, sensors and inputs and can take over the vehicle to correct the steering, braking or accelerator to stay safe on the road.

ADAS CCD Kit includes:
- Two Universal Adaptors for the ADAS Support Panel Calibration Bar
- Software Update and Activation USB Key.

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<th>ACCESSORIES</th>
<th>CODE</th>
<th>DWA1000CWAS</th>
<th>DWA1000XL</th>
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• standard  ○ optional  X not available

COMPARISON

WHEEL ALIGNMENT
TIRE CHANGERS

WHEEL SERVICE EQUIPMENT
SM1100

The SM1100 combines the best of multiple tire changer technologies; offering speed and efficiency throughout a wide range of applications. Easily adapts to ultra-low-profile, run-flat tires, special custom rims, every day wheels and even commercial light truck and industrial wheels.

- Center-post twist lock clamping system safely secures virtually all wheels without damage. Easy access to the rim and tire from the bottom side without obscuring the work area. Reverse wheel-clamping kit included.
- Leverless mount head provides simple fingertip activated demounting of high-performance low profile, stiff sidewall run flats and commercial use multi-ply tires up to 40” diameter and 12.5” wide.
- A bead roller loosening system combines fingertip operated power using finesse for protective service of difficult, expensive wheels.
- Side shovel adds speed, efficiency and power to every day applications.
- Heavy duty 220v high torque 2-speed (8-15 rpm)
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 24 for more details.

SM675

Professional grade articulating swing arm tire changer with leverless mount head and high-performance BPS (Bead Press System) is the perfect choice for all OEM automotive and light truck wheels including difficult to mount stiff side wall low-profile high-performance tires, deep drop center rims and multi-ply commercial and industrial wheel applications. The unique design takes considerably less floor space compared to traditional tilt-back designs and utilizes an extremely rigid column and vertical arm with pneumatic locking and high-quality locking roller guides for long lasting, smooth movement.

- Leverless mount head provides simple fingertip activated demounting of high-performance low profile, stiff sidewall run flats and commercial use multi-ply tires up to 36” diameter and 15” wide.
- The standard Bead Press System provides simple servicing of stiff sidewall tires and deep drop center rims. Dual bead press aids with drop-center tool saves time and offers flexibility in multiple mounting methods.
- Heavy duty, high torque, 2-speed (8-15 rpm) 220v motor.
- A safety limited, two stage inflation system with bead sealing jets with placement at the clamping jaws.
- Made in Italy. Final assembly in USA.
- See comparison chart on pg. 24 for more details.
Professional quality automatic locking tilt-column tire changer features HPA high performance press arm, additional drop center press arm and tire lift helper, highly recommended to easily aid in the servicing of high performance and run flat tires with stiff sidewalls and difficult wheels with deep drop centers. Features dual table clamping cylinders with Space-Saver under table adjustable clamping range.

- Traditional 2 arm set up: Press arm and help arm
- Self-centering plate with 12-26” outside locking capacity.
- Tilt-back mount-demount arm automatically rotates and lowers into position. Utilizes pneumatic control and high quality locking system with roller guides.
- Bead loosening system: Adjustable to the correct angle to fit diameter and width improving control accuracy.
- Two stage tire bead sealing inflation jets optimally located and built into clamping jaws. The tire inflator includes safety limiter.
- Heavy duty 110v, 1 ph. 50/60 Hz high torque motor.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.

Professional quality automatic locking tilt-column tire changer features HP2 high performance press arm highly recommended to easily aid in the servicing of high performance and run flat tires with stiff sidewalls and difficult wheels with deep drop centers.

- Equipped with the HP2 side presser that facilitates mounting and dismounting operations of Run-flat and UHP tires.
- Self-centering plate with 12-26” outside locking capacity.
- Tilt-back mount-demount arm automatically rotates and lowers into position. Utilizes pneumatic control and high quality locking system with roller guides.
- Bead loosening system: Adjustable to the correct angle to fit diameter and width improving control accuracy.
- Two stage tire bead sealing inflation jets optimally located and built into clamping jaws. The tire inflator includes safety limiter.
- Heavy duty 110v, 1 ph. 50/60 Hz high torque motor.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.
22

SM628 BPS

Professional grade swing arm tire changers for OEM and oversized tires and custom wheel applications. Features 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.

- North American design adapted to tall and wide tires handles virtually all wheels up to 44” and 15” in width. Outside clamps rims from 12”-26” and is self-centering with rim diameter indexing guides.
- Standard quick-change mount head kit provides steel and polymer long wearing mounting heads.
- Self-centering clamping jaws with high quality dual air cylinders; uniform clamping pressures and high clamping force reduce the possibilities of rim slippage.
- Add a high-performance BPS (Bead Press System) for simple servicing of stiff side wall tires and deep drop center rims. (shown in image)
- Heavy duty, high torque, 2-speed (8-15 rpm) 220v motor easily handles the most difficult sidewall tires and deep drop center rims.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.

SM825 EVOPA

A traditional swing arm tire changer and great place to start for general service of the majority of OEM fitments and many custom tires and wheels. These durable machines are equipped with basic features, intended for mid-volume use.

- A high-performance bead press system (BPS) to handle stiff side wall tires and custom wheels.
- Features dual table clamping cylinders with value-added specifications for protection of alloy wheels and outside clamping from 13”-24” wheels.
- Dual stage inflation system with safety limiter and bead sealing inflation jets built into the clamping jaws.
- Custom mount/demount head features replaceable plastic inserts to protect wheels.
- Powerful, multi-angle adjustable bead breaker shovel loosens the most difficult tires and wheels.
- Requires compressed air and 110v, 50/60 Hz. Full air powered version is also available.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.
CM27T

The CM27T is perfectly suited for tube and tubeless type tires used on over-the-road Class 8 commercial trucks and some off-road tractor tires and rims. The pivoting four-jaw clamping chuck aids as a wheel lift. Prevents liabilities of manual truck tire changing by allowing the machine to perform all the heavy lifting and service work.

- Self-centering wheel clamping from 13”-27” diameter and tire diameters to 63”.
- Nominal HD truck wheel service ranges from 15” to 24.5” rims.
- All operation controlled from a portable control unit to gain access to multiple areas around the tire and wheel during service. Aids in tire bead lubrication, demounting and mounting.
- Bi-directional rotation of the clamping system works with an adjustable bead loosening roller force of over 4100 Lbf. (1860 KgF)
- Heavy duty 220v, 1 ph. 50/60 Hz high torque motor.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.

SM56T

A heavy-duty off-road tractor tire changer with wheel clamping range from 14”-46”, maximum tire diameter of 90” and maximum tire width 42”. Perfectly suited for tube and tubeless tires used on heavier off-road farm and commercial use tractors.

- Utilizes a self-centering four jaw clamping jaw drive system which doubles as a wheel lift.
- All operation controlled from a portable control unit to gain access to multiple areas around the tire and wheel during service. Aids in tire bead lubrication, demounting and mounting.
- Bi-directional rotation of the clamping system works with an adjustable bead loosening arm with up to 6000 Lbf. (2720 KgF)
- Operated with a simple to use hand-held control unit.
- Heavy duty 220v, 3 ph. 50/60 Hz high torque motor.
- Final assembly and tested in the USA.
- See comparison chart on pg. 24 for more details.
### COMPARISON

#### TIRE CHANGERS

<table>
<thead>
<tr>
<th></th>
<th>SM825 EVO</th>
<th>SM628 BPS</th>
<th>SM645HPA</th>
<th>SM675</th>
<th>SM1100</th>
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<tbody>
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<td><strong>APPLICATION</strong></td>
<td>General service volume of the majority of OEM &amp; difficult custom sized tire and wheels.</td>
<td>High volume use for OEM, difficult low-profile custom wheels and oversized tire applications.</td>
<td>General service use for OEM fitments, difficult low profile custom and multi-ply commercial application.</td>
<td>High volume OEM fitments in difficult low profile custom and multi-ply commercial applications.</td>
<td>High volume use for OEM, difficult custom wheel and multi-ply commercial tire applications.</td>
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<td><strong>MOUNT DEMOUNT ARM</strong></td>
<td>Swing Arm</td>
<td>Swing Arm</td>
<td>Tilt Column</td>
<td>Articulating Swing Arm</td>
<td>Articulating Swing Arm</td>
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<td><strong>MOUNT DEMOUNT HEAD</strong></td>
<td>Steel with Polymer Inserts</td>
<td>Quick Change Kit: Polymer &amp; Steel</td>
<td>Steel with Polymer Inserts</td>
<td>Leverless</td>
<td>Leverless</td>
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<td>Table Top &amp; Clamping Jaws</td>
<td>Table Top &amp; Clamping Jaws</td>
<td>Table Top &amp; Clamping Jaws</td>
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<td>Dual (8-15 rpm)</td>
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<td>Inflation Jets at Clamping Jaws</td>
<td>Inflation Jets at Clamping Jaws</td>
<td>Inflation Jets at Clamping Jaws</td>
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*standard OPT optional

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<th>SM56T</th>
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<td><strong>APPLICATION</strong></td>
<td>Road Vehicles Up to Class 8 Trucks, Farm Tractors and Construction Equipment</td>
<td>Larger Off-Road Tractors, Farm Implements and Construction Equipment</td>
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<td><strong>MOUNTING ARM</strong></td>
<td>Moveable Combo Disc Roller &amp; Mount Head</td>
<td>Moveable Combo Disc Roller &amp; Mount Head</td>
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<td><strong>MOBILE HAND OPERATED CONTROL UNIT</strong></td>
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MOTORCYCLE

WHEEL SERVICE EQUIPMENT
K22

Exclusive design saves time and provides a superior balance by eliminating the removal of wheel bearings and ensuring the wheel is centered on the motorcycle. This saves time in set up by not removing the bearings from the wheels, eliminates setup parts on the balancer and provides a more accurate balance. Handles multiple applications including scooters, single swing arm wheels and super-wide Harley wheels.

- Non-rotating balancer shaft spins the wheel on its own bearings. No bulky tire clamps required.
- Drive roller spins the wheel and also allows operator to check eccentricity while balancing.
- 2D Distance and Diameter Automatic Data Entry
- Static/Dynamic Modes
- 110v, 50/60 Hz.
- Made in Italy. Final assembly in the USA.

SM900+ PA

The ultimate choice in specialized motorcycle tire changers also features a recommended high-performance bead press arm (BPS) to easily aid in the efficiency of servicing performance tires with stiff sidewalls and custom rims and ATV wheels with deep drop centers.

- Turn table provides powerful even clamping dual cylinders and polymer coated clamping jaws with extra clearance for sprockets on wheels with 6”-24” rim diameter clamping range.
- Custom mount/demount head features replaceable plastic inserts to protect wheels.
- Powerful multi angle adjustable contoured bead breaker shovel loosens the most difficult rusted ATV wheels with up to 5500 lbs. (2517 Kg.) force at 145 psi (10 bar).
- Requires compressed air, 110v, 50/60 Hz.
- Made in Italy. Final assembly in the USA.
Heavy Duty Balancer Accessories

Motorcycle Accessories

K22

SM900+

ACCESSORIES
HEAVY DUTY/MOTORCYCLE
ACCESSORIES
TIRE CHANGERS