

COATS

Wheel balancers



VERSATILITY



SPEED



SPECIALTY

The Advantage of a Total Balancing Solution

Coats provides more than balancing equipment. We provide total balancing solutions. Our balancers are built to minimize downtime, maximize shop productivity, and deliver years of dependable service. They are complemented with a complete collection of accessories and a full line of BADA® wheel weights.

Speed: Our fast balancing and diagnostic modes, complete accessory and adapter lines, and ergonomic storage systems give you faster floor-to-floor times.

Accuracy: Our drive systems are self-calibrating and accurate to within hundredths of an ounce. Combined with precision accessories, we dramatically reduce comeback rates for many shops.

Durability: The durability of Coats' drive systems and electronics is legendary. Our equipment requires minimal service and provides accurate balancing for years.

Ease of Use: Many balancing models have self-training modes, and features like our automatic data entry make the operators job simpler – and faster.

Coats® wheel balancers are used in applications ranging from small one-bay shops to high-volume garages. They're fast, accurate, and profitable to own.



XR 1850

The Ultimate in Balancing Performance

The Coats XR 1850 Ride Management System is the ultimate balancing solution. It offers both radial and lateral runout diagnostics, plus a printer. It extends the performance of our award-winning XR 1800.

- Complete diagnostic suite for radial runout, lateral runout and other key issues to solve difficult vibration problems. Adding just 2-3 seconds to cycle time, it's fast enough to use with every balance.
- Real-time 3-D animated graphics and visual cues provide a simple user interface that promotes proper balancing techniques and faster floor-to-floor times. Static on Screen™, a simultaneous display of static and dynamic data, identifies any excess residual imbalance.
- 3-D Auto data entry, directTape-A-Weight locator, and behind the spoke mode simplify balancing today's wider, low profile aftermarket tires. Most Tape-A-Weight balances are done in one spin.
- 12 balancing modes with several alloy options, plus patch balance and PAX.
- Printer allows technician to show customer full readout of data.
- Highly accurate sensor system replaces an outer arm, increasing productivity and reducing machine wear.
- Onboard air supply for quicker rotation and balance jobs.
- Adapter storage tree, high volume weight tray, and side storage pegs mean accessories are easily reachable.
- Multiple operator feature allows up to four technicians to work at once.

COATS®



BADA®

A Complete Selection of Wheel Weights

Our BADA brand wheel weights have been the professional's choice for more than 50 years. We provide one of the most comprehensive lines of weights in the business, including dry polymer-coated and non-coated clip-on styles, non-coated and chrome Tape-A-Weights, and even new non-lead weight options now being adopted by OEMs.

Our weights are available for virtually any wheel balancing application, and are a perfect complement to our balancers.

From motorcycles, to passenger cars, to trucks of all classifications – even aircraft tires – BADA, the wheel weight supplier to many OEMs, provides more solutions and carries more weight within the wheel-balancing industry.



The Total Ride Management System.

The Coats XR 1800 Ride Management System is sensitive enough to solve the most complex balancing challenge, and tough enough to use all day long.

- Complete diagnostic suite for radial runout and other key issues to solve difficult vibration problems. Adds just 2-3 seconds to cycle time. Fast enough to use with every balance.
- Real-time 3-D animated graphics and visual cues provide a simple user interface that promotes proper balancing techniques and faster floor-to-floor times.
- Auto data entry, direct Tape-A-Weight locator, and behind-the-spoke mode simplify balancing today's wider, low profile aftermarket tires.
- Highly accurate sensor system replaces an outer arm, increasing productivity and reducing machine wear.
- Onboard air supply for quicker rotation and balance jobs.
- Adapter carousel, high volume weight tray, and side storage pegs mean accessories are readily available.
- Positioning pedal holds location at 12 o'clock for proper weight placement.
- Multiple operator feature allows up to four technicians to work at once.



XR 1750

Direct Tape-A-Weight and Behind the Spoke Modes

The Coats XR 1750 offers many of the advantages of our XR 1850 and XR 1800 in an affordable package. If you don't need diagnostics but want operator convenience and speed, the XR 1750 is an excellent choice. All XR1750 modes feature:

- Real-time 3-D animated graphics and visual cues. Static on Screen™, a simultaneous display of static and dynamic data, identifies any excess residual imbalance.
- 3-D Auto data entry. Direct Tape-A-Weight locator, and the best in class behind the spoke mode eliminate guesswork.
- 12 balancing modes with several alloy options, plus patch balance and PAX.
- Highly accurate sensor system.
- Adapter storage tree and high volume weight tray.
- Multiple operator feature allows up to four technicians to work at once.
- Position-locking petal for more accurate weight placement.

New! Three Configuration Options.

Pick the XR 1750 configuration that best fits your shop needs.

- XR 1750 3Di: 3-D auto data entry, onboard air supply, and all standard features.
- XR 1750 3D: 3-D auto data entry, and all standard features.
- XR 1750 2D: 2-D auto data entry, and all standard features. Value priced.

Choose The Accessory Package That Fits Your Business

Coats provides complete balancing solutions, including accessory packages that match perfectly to XR Series balancer capabilities. Select the package that best fits the wheels you service.



Package 1:

Adapters for Passenger Cars

Includes captive backspring and speed nut; 8113428 standard cone kit, wheel weight hammer, and calipers.



Package 2:

Adapters for Passenger Cars through Light Trucks

Includes captive backspring and speed nut; 8113593 standard cone kit, weight hammer, calipers, 40mm pin plate system, application chart, hole gauge, and Balancer Mate storage system.



Package 3:

Adapters for Passenger Cars through Medium Duty Trucks

Includes captive backspring and speed nut; 8113594 standard cone kit, weight hammer, calipers, 40mm pin plate system, application chart, hole gauge, Balancer Mate storage system, light cone truck kit, and balancer chuck.

ACCESSORIES

A Critical Part of Proper Wheel Service

An industry study shows that sixty percent of balancing problems could be attributed to improper wheel mounting on the balancer, or a clamping error. This means accessories are as critical as the balancer itself.

This becomes particularly true as more styles and types of wheels and tires enter the marketplace. Even the most advanced balancer won't perform properly if the tire/wheel assembly can't be properly mounted to it.

So, our engineers have completely updated our accessory line to accommodate (and anticipate) new products in the marketplace. We now provide compact, effective accessory packages that cover the majority of vehicles on the road.

It's part of our role in providing total balancing solutions. And it's our job to ensure the balancer you buy today will continue to perform well for years to come into the future.



Model 1055

Fast, Solid High Volume Performance

The Model 1055 Balancer has the mechanical and electronic power to be a key tool in high volume shops.



- 1 1/2 horsepower direct-drive motor and 16-bit microprocessor provide super-fast five second cycle times.
- Eight separate balancing modes (static and dynamic modes, RV and four different alloy modes, plus match mount).
- Automatic distance and diameter parameter entry.
- Auto hood start.
- Ounce/gram selectable readings with roundoff.
- Simple automatic self calibration.
- Ergonomic weight and adapter storage.

Model 950

A High Volume Solution

The Model 950 is recognized as the workhorse of the wheel service industry.



- 1 1/2 horsepower direct-drive motor and 16-bit microprocessor provide super-fast five second cycle times.
- Eight separate balancing modes (static and dynamic modes, RV and four different alloy modes, plus match mount).
- Convenient keypad entry.
- Keyboard activated "hood start" saves time.
- Ounce/gram conversion and a roundoff feature eliminates complicated calculations.
- 25-pocket weight tray provides abundant storage.
- Self calibration.

Model 850

Medium Volume

The 850 is designed for full-service, high-quality shops and/or any shop that needs a quality back up balancer for busy days. The 850 has many of the features of our premium balancers, including:



- Patented direct drive motor for fast cycle times.
- Keypad entry.
- LED display.
- Self-calibration.
- Ounce/gram selectable readings with roundoff.
- Dynamic, alloy, and static balancing modes.

Model 700

Low Volume

The Coats Model 700 balancer is ideal for cost-conscious shops, or shops that occasionally balance wheels.



- Patented direct drive motor provides single-spin convenience and accuracy of higher-priced machines.
- Priced comparable to hand spin machines.
- Three balancing modes (dynamic, static, and alloy).
- Optional hood.
- Digital readouts.
- Self calibration.
- Motorcycle kit #111864 available.

ACCESSORIES



Organizes and positions tools and accessories at the balancing station.
#8113391



Pin-Plate System adjusts to service more than 90% of vehicles.
#8113091, 28mm
#8113153, 40mm



Model 520 Wheel Lift speeds up floor-to-floor times, reduces operator fatigue and risk of injury.
#8111934

See accessory catalog or web for more choices.



FEATURES to be compared	Video Balancers					Touchpad Balancers			
	XR 1850	XR 1800	XR 1750 3Di	XR 1750 3D	XR 1750 2D	1055	950	850	700
FULL COLOR VIDEO DISPLAY	●	●	●	●	●				
TOUCHPAD/LED DISPLAY						●	●	●	●
VOLUME: High	●	●	●	●	●	●			
Medium							●		
Low								●	●
DIAGNOSTIC SUITE: Premium with lateral runout	●								
Standard with radial runout		●							
STATIC ON SCREEN™	●	●	●	●	●				
ONBOARD PRINTER	●								
MULTIPLE OPERATOR Feature	●	●	●	●	●				
HIGH CAPACITY WEIGHT STORAGE	●	●	●	●	●	●	●		
AUTOMATIC DISTANCE AND DIAMETER	●	●	●	●	●	●			
AUTOMATIC DISTANCE, DIAMETER AND WIDTH	●	●	●	●					
SELF-CALIBRATING	●	●	●	●	●	●	●	●	●
STOP ON TOP Feature	●	●	●	●	●				
ONBOARD AIR SUPPLY	●	●	●						
OUNCE/GRAM SELECTABLE	●	●	●	●	●	●	●	●	●
ACCESSORY STORAGE SYSTEM: Standard	●	●	●	●	●	●	●		
Optional								●	●
DIRECT TAPE-A-WEIGHT LOCATOR SYSTEM	●	●	●	●	●				
NO MAR RING: Standard	●	●	●	●	●	●	●	●	●
REMOVABLE STUB SHAFT	●	●	●	●	●	●	●	●	●
WEIGHT TOOL: Standard	●	●	●	●	●	●	●	●	
TOPSIDE ACCESSORY ADAPTER STORAGE	●	●	●	●	●				
ACCESSORY PACKAGE CHOICE WITH BALANCER	●	●	●	●	●				
WEIGHT POSITIONING PEDAL	●	●	●	●	●				

SPECIFICATIONS	XR 1850	XR 1800	XR 1750 (All)	1055	950	850	700
Balancing Modes	12	12	12	5	5	3	3
Tire Diameter	Up to 44"	Up to 44"	Up to 44"	Up to 40"	Up to 40"	Up to 40"	Up to 35"
Rim Width	2" to 20"	2" to 20"	2" to 20"	2" to 19.9"	2" to 19.9"	2" to 19.9"	2" to 19.9"
Max. Tire Wt.	160 lbs.	160 lbs.	160 lbs.	150 lbs.	150 lbs.	90 lbs.	56 lbs.
Shaft Diameter	40mm	40mm	40mm	28mm or 40mm	28mm	28mm	28mm
Shaft Length	8-5/8"	8-5/8"	8-5/8"	6-5/8"	6-5/8"	6-5/8"	6-5/8"
Resolution: Oz.	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Resolution: Degrees	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Accuracy: Oz.	.01	.01	.01	.01	.01	.01	.01
Power Requirement	115v AC 1 Phase	115v AC 1 Phase	115v AC 1 Phase	220v AC 1-3 Phase	220v AC 1-3 Phase	110v/220v AC 1 Phase	110v/230v A 1 Phase
Footprint	60"w x 52"d	60"w x 52"d	60"w x 52"d	57"w x 50"d	57"w x 50"d	49.5"w x 49"d	36"w x 30"d
Shipping Weight	690 lbs.	625 lbs.	680 lbs.	586 lbs.	586 lbs.	437 lbs.	225 lbs.

Specifications subject to change without notice. Units may not be exactly as pictured.

HENNESSY INDUSTRIES, INC.

Manufacturer of Ammco®, Coats® and BADA® Automobile Service Equipment, Tools and Accessories.

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