



# COATS®

The Coats® 1250 Series  
Legendary Reliability.  
State of the Art Capability.

The Coats® 1250 Series is the culmination of years of balancing know-how coupled with the latest technology in imbalance detection and ergonomics. We took the most popular features from past models, added increased capacity and capability, PLUS Laser Guided Operation™ to this proven balancing chassis. Why? Because you want it all in a fast-turn, front line, value-based balancer.

And with three distinct models to choose from—the 1250-2D, 1250-3D, or 1250-3DV—you can pick the right tool for your busy shop. Whether you need a straight up workhorse or data-rich, video-driven displays, look to the 1250 Series for the best value and highest repeatability in the industry. The result? Years of trouble-free balancing.

After all, it's a Coats. The world leader in wheel service technology for over 65 years.

**PANZITTA SALES & SERVICE**  
**72 George Avenue**  
**Wilkes-Barre, PA 18705**  
**570-822-6720 800-822-6720**  
**[www.panzittasales.com](http://www.panzittasales.com)**

## COATS 1250 SERIES WHEEL BALANCERS

### ZEROS EVERY TIME, IN NO TIME.

The Coats 1250 Series is a balancing system that works as hard as you do. It is designed to quickly and efficiently handle almost any passenger car or light truck assembly that rolls into the bays. Plus, it's a Coats, the world leader in volume balancing technology and ergonomics.



## All Coats 1250 Series Balancers come fully equipped with the following:

### 1.5 HP DIRECT DRIVE™ MOTOR

No belts to slip or pulleys to wear out.

### 8 BALANCING MODES

Dynamic with simultaneous static, four standard alloy options with behind the spoke (on all modes with inside weight), RV mode, and match balance.

### LASER GUIDED OPERATION™

Eliminates error by pinpointing the exact Tape-A-Weight® placement and behind the spoke weight placement locations.

### AUTO START HOOD

Five second (avg) balancing cycle begins when you lower the hood.

### WEIGHT STORAGE SYSTEM

Weight bin is laid out logically so the weights you use most are right at your fingertips.

### OPTIONAL EB™ BALANCING MODE ON 1255 MODELS

Eliminates the static imbalance, then calculates the least weight needed to bring dynamic within acceptable limits. The result is less weight consumption costs.



### Direct Drive™

Direct Drive uses the motor's main shaft, not extra pulleys or belts that wear or slip. This superior system reaches balancing speed quickly, then coasts during measurements. The result is a faster cycle time without component "noise" that can result in balancing errors.



### Laser Guided Operation™

Pinpoints accurate Tape-A-Weight placements.



### Static on Screen™ Display

Simultaneous display of static and dynamic data identifies any excess residual static imbalance.



### Model 1250-2D

*Where it all started—and quickly set the industry standard.*

The standard Coats 1250-2D is still a giant leap forward compared with other balancers in its class. Driven by our patented, ultra-fast Direct Drive motor, it boasts a five-second cycle time while others are just spinning their wheels.

- Designed for front line, high-volume balancing
- Easy to read LED readouts
- Five-second cycle time
- Handles rims up to 30" in diameter and 20" wide
- Handles tires up to 44" in diameter
- Automatic data entry for Distance and Diameter



### Model 1250-3D with AC Vector Drive System

*Loads all wheel parameters with one touch.*

The Coats 1250-3D is the best 3D LED balancer in the business. One touch and all three wheel parameters are loaded. Just drop the hood and go.

- An even faster option for shops that never stop
- Auto Data Entry for all three parameters
- Stop and Lock brings the wheel to the first weight position and holds it until the weight is installed
- Automatically indexes the wheel to the second weight position and holds again... with a push of a button



### Model 1250-3DV with AC Vector Drive System

*Wide-angle video display provides an in-depth perspective to your balancing challenges and trains new techs properly.*

The Coats 1250-3DV takes the 1250-3D to the next level. We added a video display that doesn't get in your way. Helps less experienced operators complete tricky, split-spoke placements and other specialty operations with ease.

- Bright and durable Flat Screen Display
- Provides on-screen training and reinforces proper balancing techniques
- Stop and Lock brings the wheel to the first weight position and holds it until the weight is installed
- A new perspective to help with split weight, behind the spoke, and other advanced modes
- Automatically indexes the wheel to the second weight position and holds again... with a push of a button



# COATS 1250 SERIES WHEEL BALANCERS

## 1250 SERIES SPECIFICATIONS

	2D	3D	3DV
<b>Balancing Modes</b>	8	8	8
<b>Wheel Diameter Range</b>	8" to 30"	8" to 30"	8" to 30"
<b>Wheel Width Range</b>	2" to 20"	2" to 20"	2" to 20"
<b>Maximum Tire Diameter</b>	Up to 44"	Up to 44"	Up to 44"
<b>Maximum Tire Weight</b>	160 lbs.	160 lbs.	160 lbs.
<b>Shaft Diameter</b>	28mm/40mm	40mm	40mm
<b>Resolution (Round Off Mode)</b>	0.25 oz, position .70	0.25 oz, position .35	0.25 oz, position .35
<b>Footprint</b>	57" w x 50" d	57" w x 50" d	57" w x 50" d
<b>Shipping Weight</b>	680 lbs.	680 lbs.	680 lbs.
<b>Interface</b>	LED	LED	Video
<b>Auto Parameters</b>	Distance/Diameter	Distance/Diameter/Width	Distance/Diameter/Width
<b>Width Sonar</b>	No	Yes	Yes
<b>Stop &amp; Lock</b>	No	Yes	Yes
<b>Auto Indexing</b>	No	Yes	Yes
<b>1250 28mm 220v, 1ph @ 50/60Hz</b>	8121250	n/a	n/a
<b>1250 28mm 220v, 3ph @ 50/60Hz</b>	812125002	n/a	n/a
<b>1250 40mm 220v, 1ph @ 50/60Hz</b>	85606431	85009979	85010016
<b>1250 40mm 220v, 3ph @ 50/60Hz</b>	8560643101	8500997901	8501001601
<b>1255 40mm 220v, 1ph @ 50/60Hz</b>	n/a	85606437	85606441
<b>1255 40mm 220v, 3ph @ 50/60Hz</b>	n/a	8560643701	8560644101

## 1250 SERIES AVAILABLE ADAPTER KITS

Coverage Required	Most OE Cars Some OE Light Trucks (Basic Kit)	Most OE Cars/Light Trucks (Extended Kit)	Most OE & Aftermarket Cars/Light Trucks (Premium Kit)
<b>All Kits Include:</b>			
Small Cone (1-3/4" to 2-1/4")	●	●	●
Medium Cone (2-1/4" to 3")	●	●	●
Large Cone (3" to 3-3/8")	●	●	●
Light Truck Back Cone	●	●	●
Premium Wheel Weight Hammer	●	●	●
Small Pressure Cup & Rubber Lip	●	●	●
Spring	●	●	●
Calipers	●	●	●
Hub Nut	●	●	●
Stub Shaft	●	●	●
Storage Pegs	●	●	●
Short Cone		●	●
Light Truck Cone Kit 4.8" - 6.8"		●	●
Faceplate Extension		●	●
Pin Plates with Balancer Mate			●
<b>Adapter Kit Part Number for:</b>			
<b>28mm (1250-2D only)</b>	8114335	8114337	8114338
<b>40mm (All)</b>	8500997401	85009976	85009977

### 1250 PREMIUM KIT



### 1250 EXTENDED KIT



### 1250 BASIC KIT



## OPTIONAL ACCESSORIES



**Balancer Chuck**  
40mm  
8113330



**Deep Offset Kit**  
40mm  
8113042

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Coats, We're Changing More Than Tires!

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