

# COATS®

# Model 1250-3DV Wheel Balancer



VERSATILITY



SPEED

- 1 Embedded LCD Flat-Screen with Keypad**  
Total Technician Training with life-like animation. Allows technician to watch, then follow steps for accuracy. Multi-operator feature holds two pre-sets across eight balancing modes.
- 2 Direct Drive™**  
Extremely fast and durable 1.5 HP Direct Drive Motor. No belts to slip, no pulleys to wear out.
- 3 3-D Auto Data Entry**  
Automatic offset and diameter measurement with manual control backups. The hood Sonar calculates third data parameter (width) automatically.
- 4 Static on Screen™**  
Static and dynamic data identifies excess residual static imbalance.
- 5 EB™ Balancing Mode**  
Eliminates the static imbalance, then calculates the least weight needed to bring dynamic within acceptable limits. The result is less weight consumption costs.
- 6 Laser Guided Operation™**  
Eliminates error by displaying exact Tape-A-Weight placement and behind the spoke weight placement locations.
- 7 Auto Start Hood**  
Five second (avg) balancing cycle begins when you lower the hood.
- 8 8 Balancing Modes**  
Static, dynamic, four alloy options, behind the spoke (on all modes with inside weight), plus patch balance.
- 9 Removable Shaft**  
Can be ordered in 28mm or 40mm configurations.
- 10 Weight Storage System**  
Weight bin is laid out logically so the weights you use most are right at your fingertips.

## Our Top-of-the-Line Direct Drive Workhorse.

Built with your productivity and profitability in mind.

### LCD Flat-Screen and On-Board Training

The Model 1250-3DV adds a new video dimension to our proven, direct drive balancer technology. The commercial grade LCD flat-screen walks technicians through the balancing process with life-like animation. It's like having a live demo every step of the way.

### Direct Drive™

Coats' patented Direct Drive system improves balancing speed, accuracy, and dependability. And when you see zeros, you know the wheel is balanced—unlike belt-drive systems. Plus, the 1.5 HP Direct Drive Motor gives you the speed and long-term performance you've come to trust from Coats.

### 3-D Auto Data Entry

No more punching in data manually. With the swipe of an arm, sensors automatically measure all three parameters for analyzing the balance. A real time-saver, with manual control backup.

### Laser Guided Operation™

The beam of a laser saves time and takes the guesswork out of where to place Tape-A-Weights. The onboard Laser Guidance System pinpoints the proper weight position. Plus, it just as easily handles those tricky balances that are often most time consuming.

### Total Balancing Solutions

Coats provides more than balancing equipment. We offer total balancing solutions that give you minimum downtime, maximum productivity, and years of dependable service. Plus a complete collection of accessories to make sure the balancer you purchase today is still your primary shop tool years down the road.



L A S E R   G U I D E D   O P E R A T I O N ™ 



**DIRECT DRIVE** 



# MODEL 1250-3DV WHEEL BALANCER

## Specifications

**Balancing Modes**  
8

**Wheel Diameter Range**  
8" to 30"

**Wheel Width Range**  
2" to 20"

**Maximum Tire Diameter**  
Up to 44"

**Maximum Tire Weight**  
160 lbs.

**Shaft Diameter**  
28mm or 40mm

**Resolution (Round Off Mode)**  
0.25oz, position .70

**Power Requirement**  
220v AC, 1 Ph, 60 Hz (85000330)  
220v AC, 3 Ph, 60 Hz (850003302)  
440v AC, 3 Ph, 60 Hz (850003305)

**Footprint**  
57" w x 50" d

**Shipping Weight**  
680 lbs.

## Accessory Kits

### Basic Kit

28mm 8114335, 40mm 8114339

Coverage for **most** OE passenger cars and **some** light truck wheels.

Small Cone, Medium Cone, Large Cone, Light Truck Back Cone, Calipers, Premium Wheel Weight Hammer, Hub Nut, Small Pressure Cup & Rubber Lip, Spring, Stub Shaft.

### Extended Kit

28mm 8114337, 40mm 8114341

Coverage for **most** OE passenger cars and **most** light truck wheels.

Basic Kit **plus**: Short Cone, Light Truck Cone Kit, Faceplate Extension.

### Premium Kit

28mm 8114338, 40mm 8114342

Coverage for **most** OE and after-market car and light truck wheels.

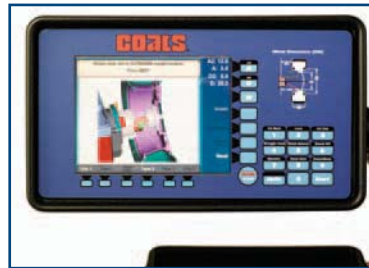
Extended Kit **plus**: Pin Plates with Balancer Mate.

### Optional Accessory

Peg Kit 8111480

**The Coats 1250-3DV is an extremely fast, exceptionally accurate, flat-screen video balancer.**

Designed for front line, high volume shop duty, the 1250-3DV is packed with features to save you time at every turn. From the LCD flat-screen with keypad and on-board training to the dual operator feature and integrated behind the spoke capability, now it's easier than ever to handle all your balancing needs.



### Commercial Grade LCD Flat-Screen w/Keypad

User-friendly, life-like animation guides technicians step by step.



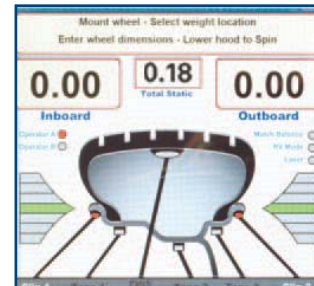
### Laser Guided Operation™

Pinpoints accurate Tape-A-Weight placements.



### Hood Sonar

Calculates tire width measurement automatically.



### Static on Screen™ Display

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



### 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.



### EB™ Balancing Mode

Coats' exclusive EB Mode results in the use of less corrective weight. Also, there is a productivity savings by reducing the number of "re-spins" required to achieve an acceptable balance.

### HENNESSY INDUSTRIES, INC.

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

1601 J.P. Hennessy Drive  
LaVergne, TN 37086-3565

## PANZITTA SALES & SERVICE

72 George Avenue

Wilkes-Barre, PA 18705

570-822-6720 800-822-6720

www.panzittasales.com