



# COATS®

## Heavy-Duty Balancing Performance with the Push of a Button.

Take control of your toughest jobs with Coats® heavy duty wheel balancers. Our full line of heavy duty balancers are proven performers, and are some of the most robust wheel balancers you can buy. They also come standard with loads of features that make your job faster and easier.

From the first push of a button, you're in complete control. Load wheel parameters and automatically index the wheel to the weight positions. And with the Stop and Lock feature, you can lock the spindle firmly in place at the weight location for easier, more accurate weight installation. Coats heavy duty balancers also come standard with an AC Vector Drive motor, which shaves 20 seconds off a typical 22.5" wheel spin. And with the laser Tape-A-Weight™ weight placement capability, you'll achieve more one-spin balances than ever before.

It all adds up to making your toughest balancing jobs faster and easier, for years to come.

The Coats 6450 Series is a huge step forward.



(shown with optional 575 Lift)

**BAR NONE, THE BEST HEAVY-DUTY BALANCERS IN THE BUSINESS**

All 6450 Series Balancers, (2D and 3D) come with these great features:

- Powerful 1.5 HP direct drive motor shaves 20 seconds off a typical 22.5" spin.
- Static on screen provides simultaneous display of static and dynamic data and identifies any excess residual static imbalance.
- DCS ensures the 6450 is the most accurate heavy duty balancer in car/light truck mode on the market, like two balancers in one
- Laser weight placement for 3 parameter auto data entry in tape modes
- 500 lbs. Met Lab / UL approved.

- Designed for front line, high-volume balancing.
- Easy-to-read LED readouts.

**The 6450-3D also includes:**

- Auto Data Entry for all three parameters with one touch. Just drop the hood and go.
- Auto indexing automatically moves the wheel to the required weight positions.
- Stop and Lock feature locks the spindle firmly in place for easier, more accurate weight placement.



**Static on Screen™ Display**

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



**Laser Guided Operation™**

Pinpoints accurate Tape-A-Weight placements.



**Direct Drive™**

Coats direct drive wheel balancers feature a uniquely designed dynamic section (the system that senses and reports vibration to the balancer). Our direct drive system integrates the balancer's robust motor and spindle into a single, factory pre-balanced assembly with ZERO noise that can result in balancing errors.

### DCS™ Functionality - Exclusively from Coats!

*Accurate balancing for passenger cars, too!*

DCS™ – Dual Calibration Software – is a NEW feature available exclusively on Coats 6450 heavy-duty wheel balancers. Unlike other heavy-duty balancers which simply change the round-off when switching between heavy-duty and passenger car work, the Coats 6450 series stores and runs two INDEPENDENT SETS of calibrations. So in addition to changing round-offs, these machines dynamically adjust balancing parameters based on the job at hand. It's like having two machines in one without any trade-offs inherent to other heavy-duty offerings.



### The Coats 6275 Heavy-Duty, Mobile Hand Spin Balancer

*Your mobile solution to accurate, precise balancing*

With a reduced overall size, the Coats 6275 hand spin balancer is perfect for the shop that needs a portable, easy-to-move balancer. No lift is required – simply roll the balancer into position and crank it up with the lift handle. You'll effortlessly lift even the heaviest super single wheel.

Once mounted, a handle-operated mechanical reduction gear makes hand spinning a breeze. And with an intuitive menu featuring self-diagnosis and self-calibration, the Coats 6275 allows you to quickly and easily balance almost any type of rim. The 6275 is also flexible. It operates on 115v outlet or on any 12v or 24v vehicle battery, not included.

Get the mobility, speed, and convenience you need – without the effort required of traditional hand spin balancers.



### Heavy-Duty Wheel Lift Options

*New 575 Heavy Duty Wheel Lift (85607960)*

Coats new 575 Wheel Lift handles a wide array of heavy wheel assemblies up to 500 lbs because it's built on an ultra-wide, "fully-boxed" frame which provides superior stability. The 575 is easy to use too – the controls and adapter storage are right up front where you need them. Best yet, the Coats 575 bolts directly and seamlessly to our 6450 Heavy Duty Balancer.

*(requires 85608066 connector to attach to model 6401 Balancers)*



# COATS HEAVY-DUTY SERIES WHEEL BALANCERS

## HEAVY-DUTY SERIES SPECIFICATIONS

|   | 6450-3D                       | 6450-2D                       | 6275                                    |
|---|-------------------------------|-------------------------------|---|
| <b>Drive System</b>                     | Direct                        | Direct                        | Hand Spin                               |
| <b>Tire Diameter</b>                    | 52"                           | 52"                           | 50.5"                                   |
| <b>Rim Width</b>                        | 20"                           | 20"                           | 1.5" to 20"                             |
| <b>Maximum Tire Weight</b>              | 500 lbs. (UL)                 | 500 lbs. (UL)                 | 500 lbs.                                |
| <b>Self Calibrating</b>                 | Yes                           | Yes                           | Yes                                     |
| <b>On Screen Calibration Directions</b> | Yes                           | Yes                           | No                                      |
| <b>Auto Data Entry</b>                  | 3 Parameter                   | 2 Parameter                   | No                                      |
| <b>Stop On Top</b>                      | Stop & Lock                   | No                            | No                                      |
| <b>Auto Indexing</b>                    | Yes                           | No                            | No                                      |
| <b>Operator A &amp; B</b>               | Yes                           | Yes                           | No                                      |
| <b>Match Mount</b>                      | Yes                           | Yes                           | No                                      |
| <b>Motor Size</b>                       | 1.5 hp Direct                 | 1.5 hp Direct                 | n/a                                     |
| <b>Cycle Time</b>                       | R11 22.5<br>(200 lb.) 18 sec. | R11 22.5<br>(200 lb.) 18 sec. | 8 to 20 sec.,<br>depending on tire size |
| <b>Cones</b>                            | 2 Auto, 2 Light Truck         | 2 Auto, 2 Light Truck         | 3 Truck                                 |
| <b>Ounce/Gram Selectable</b>            | Yes                           | Yes                           | Yes                                     |
| <b>Adapter Storage</b>                  | Side Pegs                     | Side Pegs                     | On Tray                                 |
| <b>Direct Weight Placement</b>          | Yes                           | Yes                           | Yes                                     |
| <b>Monitor / Display</b>                | LED w/Text Instruction Box    | LED w/Text Instruction Box    | LED                                     |
| <b>Balancing Modes</b>                  | 11                            | 11                            | 2                                       |
| <b>Shaft Diameter</b>                   | 2" (51 mm)                    | 2" (51 mm)                    | 40 mm                                   |
| <b>Resolution Displayed</b>             | .01 oz.                       | .01 oz.                       | .01 oz.                                 |
| <b>Accuracy</b>                         | .01 oz.                       | .01 oz.                       | .01 oz.                                 |
| <b>Round Off</b>                        | 1/4 - 1/2 - 2 oz.             | 1/4 - 1/2 - 2 oz.             | 1/4 oz.                                 |
| <b>Footprint</b>                        | 72" w x 62" d                 | 72" w x 62" d                 | 72" w x 62" d                           |
| <b>Shipping Weight</b>                  | 1,100 lbs.                    | 1,100 lbs.                    | 321 lbs.                                |
| <b>220v/1ph @ 60hz</b>                  | 8506450                       | 850645002                     | n/a                                     |
| <b>220v/3ph @ 60hz</b>                  | 850645001                     | 850645003                     | n/a                                     |

## HEAVY-DUTY SERIES AVAILABLE ADAPTER KITS

S=Standard O=Optional n/a=Not Available

|                                     | 6450-2D / 3D | 6275       | Range                           |
|-------------------------------------|--------------|------------|---------------------------------|
| 4 Cone Set                          | S            | n/a        | 2.44" - 6.95"                   |
| Extra Large D Cone, Car/Lt. Truck   | n/a          | S 8112101  | 3.375" - 5.00"                  |
| Improved Light Truck Cone Kit       | n/a          | S 8113277  | 4.8" - 6.8"                     |
| Hub Centered Budd Cone Kit          | O 8109877    | S 8111853C | 8.52" - 8.89"                   |
| Deep Offset Plate Set (3)           | O 8113043    | O 8113042  | 4.922", 6.693", 4.561" & 4.766" |
| Std. Balancer Chuck w/Plate         | n/a          | O 8113330  | 3.13" - 7.13"                   |
| Extension Jaws for Std. Chuck       | n/a          | O 85000856 | extend to 9.125"                |
| Front Plate, Optional for Ext. Jaws | n/a          | O 8111850  | 10"                             |
| HD Balancer Chuck w/Plate           | O 85009086   | O 85009088 | 8" - 11"                        |
| Dayton Standard Center Adapter      | O 8110785    | O 8110785  | 20" - 22.5"                     |
| Extension Kit for Standard Adapter  | O 8110786    | O 8110786  | 24.5" - 26"                     |
| Stud Piloted Budd Adapter           | O 8143935    | O 8143935  | 22.5" & 24.5"                   |

### STANDARD ACCESSORY KIT



### HUB CENTERED BUDD ADAPTER



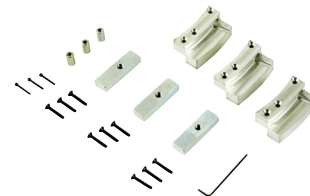
### STUD PILOTED BUDD ADAPTER



### DAYTON ADAPTER



### DAYTON EXTENSION KIT



### HD BALANCER CHUCK w/PLATE



To learn more about the Coats Heavy-Duty Series Wheel Balancers, or any of our other quality products, contact your authorized Coats distributor or call 1-855-876-3864 for the dealer nearest you.

# COATS®

Coats, We're Changing More Than Tires!

[www.coatsgarage.com](http://www.coatsgarage.com)

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