



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
Drive System	Direct	Direct	Hand Spin
Tire Diameter	52"	52"	50.5"
Rim Width	20"	20"	1.5" to 20"
Maximum Tire Weight	500 lbs. (UL)	500 lbs. (UL)	500 lbs.
Self Calibrating	Yes	Yes	Yes
On Screen Calibration Directions	Yes	Yes	No
Auto Data Entry	3 Parameter	2 Parameter	No
Stop On Top	Stop & Lock	No	No
Auto Indexing	Yes	No	No
Operator A & B	Yes	Yes	No
Match Mount	Yes	Yes	No
Motor Size	1.5 hp Direct	1.5 hp Direct	n/a
Cycle Time	R11 22.5 (200 lb.) 18 sec.	R11 22.5 (200 lb.) 18 sec.	8 to 20 sec., depending on tire size
Cones	2 Auto, 2 Light Truck	2 Auto, 2 Light Truck	3 Truck
Ounce/Gram Selectable	Yes	Yes	Yes
Adapter Storage	Side Pegs	Side Pegs	On Tray
Direct Weight Placement	Yes	Yes	Yes
Monitor / Display	LED w/Text Instruction Box	LED w/Text Instruction Box	LED
Balancing Modes	11	11	2
Shaft Diameter	2" (51 mm)	2" (51 mm)	40 mm
Resolution Displayed	.01 oz.	.01 oz.	.01 oz.
Accuracy	.01 oz.	.01 oz.	
Round Off	1/4 - 1/2 - 2 oz.	1/4 - 1/2 - 2 oz.	1/4 oz.
Footprint	72" w x 62" d	72" w x 62" d	72" w x 62" d
Shipping Weight	1,100 lbs.	1,100 lbs.	321 lbs.
220v/1ph @ 60hz	8506450	850645002	n/a
220v/3ph @ 60hz	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 811853C	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 811850	10"
HD Balancer Chuck w/Plate	O 85009086	O 85009088	8" - 12"
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



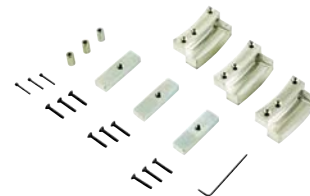
STUD PILOTED BUDD ADAPTER



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 1-800-688-6496 for the dealer nearest you.

COATS®

Coats, We're Changing More Than Tires!

www.ammcoats.com

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