

coats®

Introducing the 6450-3D. Heavy-Duty Performance with the Push of a Button.

Take control of heavy-duty jobs with the Coats® 6450-3D. Based on the proven 6401 model and loaded with advanced features from the shop favorite 1250-3D, the Coats 6450-3D is the new standard in truck wheel balancing.

With the push of a button, you're in complete control. Load wheel parameters and automatically index the wheel to the second weight position. And with the Stop and Lock feature, you can bring the wheel to the first weight position and hold it until the weight is installed.

The 6450-3D also comes with an inverter driven motor, which shaves 20 seconds off a typical 22.5" wheel spin. And with the laser weight placement capability, you'll never spin another truck wheel wondering where that Tape-A-Weight™ should go.

Tackle the most demanding tire and wheels at the push of a button with the Coats 6450-3D. Coats—putting balancing at your fingertips.

Now heavy duty applications
can get zeros everytime—
in no time!



The Coats 6450-3D is a huge step forward in heavy duty balancing because it takes the proven Coats 6401 drive system augmented with the time saving technology of the popular 1250-3D. The result is the industry's fastest and easiest to use heavy duty

BAR NONE, THE BEST HEAVY DUTY 3D LED BALANCER IN THE BUSINESS

- Auto Data Entry for all three parameters with one touch. Just drop the hood and go.
- 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.
- Patented Stop and Lock rotates the wheel to the first weight position and holds it until the weight is installed
- Auto indexing automatically moves the wheel to the second weight position and holds again.
- 500 lbs. Met Lab (UL) approved
- Designed for front line, high volume balancing
- Easy to read LED Readouts



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.

Heavy Duty Series Options

Need a Lift?

Coats offers two wheel lift options that to go along with the 6450-3D: our original 501 Hydraulic Roll-Around Lift and the new 550 Scissor Wheel Lift.

New 550 Scissor Wheel Lift (85607032)

Big and strong, the stable 550 Scissor Wheel Lift supports wheels up to 500 lbs. and attaches directly to the 6450. The air operated lift makes lifting the heaviest wheels onto the balancer easy and safe. It can also be adapted to the 6401 with an optional bracket.

501 Hydraulic Roll-Around Lift (7000501)

Tried and tested, the 200 lbs. capacity 501 Hydraulic Roll-Around Lift reduces operator fatigue, allowing you to tackle more jobs with faster cycle times and fresher operators.

The Coats 6401

For more than three decades, the Coats 6401 has been the mainstay of top heavy-duty shops. Designed for traditional clip weight balancing, the self-calibrating Coats 6401 is proven to handle the most demanding tire and wheels in high volume shops that require the utmost in reliability and performance.

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.

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



COATS HEAVY DUTY SERIES WHEEL BALANCERS

HEAVY DUTY SERIES SPECIFICATIONS

	6450-3D	6401	6275
Drive System	Direct	Direct	Hand Spin
Tire Diameter	52"	46"	50.5"
Rim Width	20"	4.5" to 18"	1.5" to 20"
Maximum Tire Weight	500 lbs. (UL)	200 lbs. (UL)	500 lbs.
Self Calibrating	Yes	Yes	Yes
On Screen Calibration Directions	Yes	No	No
Auto Data Entry	3 Parameter	No	No
Stop On Top	Stop & Lock	No	No
Auto Indexing	Yes	No	No
Operator A & B	Yes	No	No
Match Mount	Yes	No	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.) 31 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	No	Yes
Monitor / Display	LED w/Text Instruction Box	LED	LED
Balancing Modes	11	4	2
Shaft Diameter	2" (51 mm)	2" (51 mm)	40 mm
Resolution Displayed	.01 oz.	.01 oz.	.01 oz.
Accuracy	.01 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	8156401	n/a
220v/3ph @ 60hz	850645001	8146401	n/a
110v @ 60hz	n/a	n/a	85606275

STANDARD ACCESSORY KIT



HUB CENTERED BUDD ADAPTER



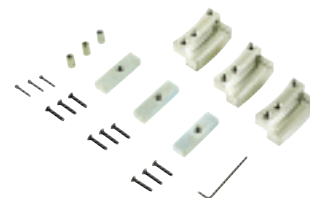
STUD PILOTED BUDD ADAPTER



DAYTON ADAPTER



DAYTON EXTENSION KIT



HD BALANCER CHUCK w/PLATE



HEAVY DUTY SERIES AVAILABLE ADAPTER KITS

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

	6450-3D / 6401	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" - 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"

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

Part No. 85607398 Rev. 1 09/10
© 2010 Hennessy Industries, Inc.

1601 J.P. Hennessy Drive, LaVergne, TN 37086 (800) 688-6496 or (615) 641-7533
Hennessy Canada: 2430 Lucknow Drive, Unit 9, Mississauga, Ontario L5S 1V3 (905) 672-9440