



# COATS®

## The Coats® ProRide™ Series Making Diagnostics Easy, One Spin at a Time

### **FAST, ACCURATE DIAGNOSTICS**

Cycle times short enough to run diagnostics on every spin

### **SIMPLE, INTERACTIVE USER INTERFACE**

Reduction of decision-making allows for more first-spin balances

### **TOUCH AND GO DATA ENTRY**

Simply pull the arm out to the desired weight location and lower the hood to start the balance

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

## DIAGNOSTICS MADE EASY

The ProRide™ Series from Coats® combines superior ride management with easy-to-use operation to deliver increased productivity and a better quality balance.

## Coats® ProRide™ Series Balancers come fully equipped with the following:



### 1 TOUCHLESS RADIAL RUNOUT DIAGNOSTICS

- Accurate runout measurements help quickly identify troublesome tires and wheels
- Fast enough cycle time to use on every assembly

### 2 WEIGHT LOCATION RECOGNITION

- Simply pull the distance arm to the desired weight locations to select weight mode

### 3 POSITIONING PEDAL

- Keeps assembly in place when applying weights

### 4 REDUCED FOOTPRINT

- Smaller footprint than competitive models allows for better bay space utilization

### 5 STATISTICS

- Track the number of daily and total spins
- Track the number of each weight value and type (clip or Tape-a-Weight™)



## FEATURED ITEMS

### 6 ACCURATE TAPE-A-WEIGHT™ APPLICATION OPTIONS

- Apply weights using the arm, which locks when it is in the correct plane
- Or use the Laser Guided Operation™ feature, which pinpoints application location in the 5-o'clock position

### 7 MULTIPLE OPERATOR FEATURE

- Allows for up to four operators to save their individual preferences

### 8 STATIC ON SCREEN™ DISPLAY

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

#### Standard on PL Version:

### 9 PNEUMATIC LOCKING MOUNTING SYSTEM

- Simply hold the assembly in place and press the foot pedal to activate the pneumatic shaft
- Reduces mounting time by several seconds
- Pneumatic cylinder applies a consistent pressure on each wheel, reducing mounting errors – the top cause of comebacks

### 10 STOP & LOCK

- Assembly locks in place at proper weight placement location

#### Models

#### ProRide™ Diagnostic

- Positioning pedal to keep the assembly in place when applying weights
- Standard threaded shaft for traditional mounting
- Includes slide nut for quicker mounting

#### ProRide™ Diagnostic PL

- Pneumatic locking mounting system makes mounting less cumbersome and more consistent
- Stop & Lock for easier weight placement

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**PRORIDE SERIES AVAILABLE ADAPTER KITS**

Description	Part #	Basic	Basic - PL	Extended	Extended - PL	Premium	Premium - PL
A Cone (1.75" - 2.25")	8112098	●	●	●	●	●	●
B Cone (2.25" - 3.00")	8112099	●	●	●	●	●	●
C Cone (3.00" - 3.60")	8112100	●	●	●	●	●	●
D Cone (3.375" - 5.00")	8112101	●	●	●	●	●	●
Weight Hammer	8113175	●	●	●	●	●	●
Callipers	8309011	●	●	●	●	●	●
Weight Scraper	8113390	●	●	●	●	●	●
Slide Nut Package	85009998	●		●		●	
Back Cone Spacer	8111935			●	●	●	●
Light Truck Cone Kit	8113277C			●	●	●	●
Short Cone	8112421			●	●	●	●
Pin Plate System	8113841					●	●
Balancer Mate	8114051					●	●
Part Number		8560759002	85607590	85607808	85607809	85607810	85607811

**PRORIDE SERIES SPECIFICATIONS**

Features	ProRide Diagnostic	ProRide Diagnostic PL
Balancing Modes	9	9
Interface	Video	Video
Auto Parameters	Distance/Diameter/Width	Distance/Diameter/Width
Weight Placement Assist	Positioning Pedal	Stop & Lock
Mounting	Quick Nut	Pneumatic Locking Sleeve
Part Number	85001775	85001875

**Electrical Requirements**

Power Supply Requirement	115V, 50/60 Hz, 15A, 1Ph	115V, 50/60 Hz, 15A, 1Ph
Power Consumption	0.65 kW	0.65 kW
Air Source Requirement	n/a	115-145 PSI (8-10 Bar)

**Rim/Tire Specifications**

Rim Diameter Range	10" - 30" (254-762 mm)
Rim Width Range	2" - 19" (51-483 mm)
Max. Tire Diameter	42" (1067 mm)
Max. Tire Width	19" (483 mm)
Max. Rim/Tire Assembly Weight	160 lbs. (73 Kg)

**Machine Dimensions**

Width	44.5" (1130 mm)
Depth	48.5" (1230 mm)
Height	65.5" (1664 mm)
Net/Shipping Weight - Less Accessories	275 lbs. (125 Kg)

**Drive System**

Balancing Speed	100 RPM
Cycle Time	4.7 sec.
Mounting Shaft Diameter	40 mm
Balancing Display Resolution	0.01 oz. or 1 gram
Position Resolution	+/- 1.4 degrees
Radial RO Accuracy	0.010" (0.25 mm)
Lateral RO Accuracy	0.010" (0.25 mm)



**COATS®**

Coats, We're Changing More Than Tires!