

# SmartWeight® Pro

*Intuitive balancer with professional features*

**NEW**



# Key features at a glance

PATENT PENDING

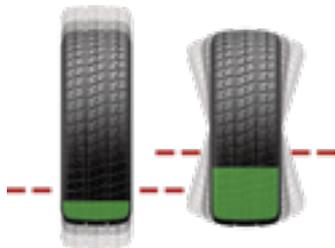
## No touch wheel measurement



- ✓ Ergonomic design
- ✓ More durable than Dataset® arms
- ✓ Full wheel measurement without contact

PATENTED

## SmartWeight® technology



- ✓ Improves balance
- ✓ Minimizes weight usage
- ✓ Maximizes productivity

STANDARD

## Intuitive interface



- ✓ Single-knob navigation simplifies experience
- ✓ 3D graphics



*SWP70BMWE shown with optional BullsEye® collet kit, HammerHead® top-dead-center laser, and wheel lift*



*STANDARD, PATENT PENDING*

### **ExactPosition™**



- ✓ Laser exactly identifies weight location
- ✓ Improves balance accuracy
- ✓ More durable than Dataset® arms

*OPTIONAL*

### **HammerHead® option**



- ✓ Speeds clip-weight placement
- ✓ Improves balance
- ✓ Illuminates work area

*PATENTED*

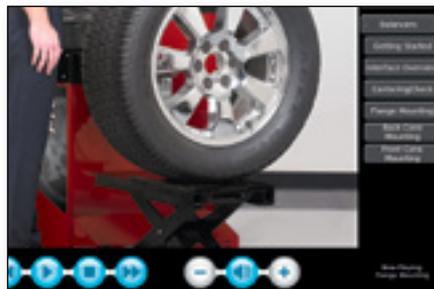
### **CenteringCheck®**



- ✓ Ensures proper centering
- ✓ Eliminates setup errors and most common cause of comebacks

*EXCLUSIVE*

### **On-demand videos**



- ✓ Simplifies training
- ✓ Improves results

✓ Multiple languages



*EXCLUSIVE*

### **Space-saving design**

- ✓ Small-format maximizes shop space
- ✓ Hood design allows machine to be installed against wall



# ***No touch measurement makes balancing easier***

*STANDARD, PATENT PENDING*

## **Easily determine weight placement using laser vision system**

- ✓ Simple dimension entry
- ✓ Automatic weight mode selection
- ✓ Indicates exact weight placement
- ✓ Eliminates most common cause of weight-chasing



*OPTIONAL*

## **Outer laser vision system**

- ✓ Automatically measure wheel width as hood is lowered
- ✓ Improves balance accuracy



# Achieve the best balance with SmartWeight®

## Save time & effort

- ✓ Single-weight solutions as much as **60% of the time**.
- ✓ Saves labor versus traditional two-weight solutions

## Accommodate many wheel types

- ✓ Flanged or flangeless
- ✓ Plastic clad
- ✓ Colored rims
- ✓ Wider widths
- ✓ Run flats



## Stop chasing weights

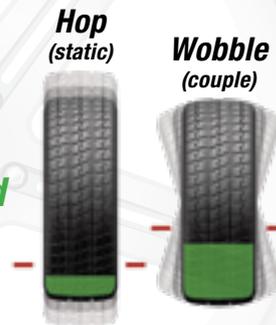


- ✓ Superior balance results in a single spin

## How does SmartWeight® deliver the best balance?

**Separates hop & wobble**  
imbalance forces

**Assigns a lower threshold**  
to hop forces, similar to  
manufacturer facilities



This provides the **best balance** as modern vehicles are far more sensitive to hop than wobble.

## Improves appearance



- ✓ Smaller weights are less visible
- ✓ Places weights on inside of wheel when possible



## Track labor & weight savings

- ✓ Labor savings shown in minutes and hours as well as dollars with every spin.

## Reduce weight usage

- ✓ **30% less weight used**
- ✓ Save money on every balance

## Did you know?

Modern vehicles are approximately 4 times more sensitive to hop forces than wobble. Conventional balancers treat both the same.



EXCLUSIVE

# Single-knob interface simplifies experience

50g

Clearly indicates correction weight amount

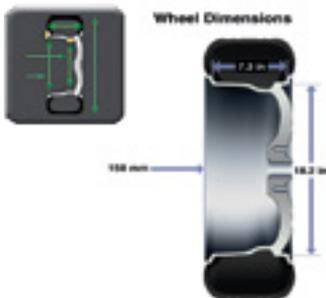


Rim cutaway displays selected weight mode

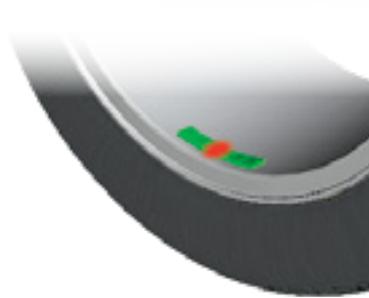


Switch text language

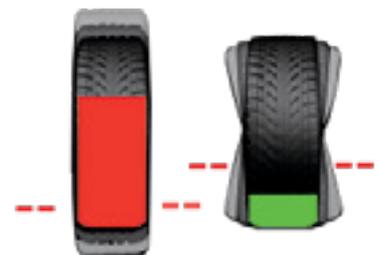
## Balancing interface at a glance



Display rim dimensions

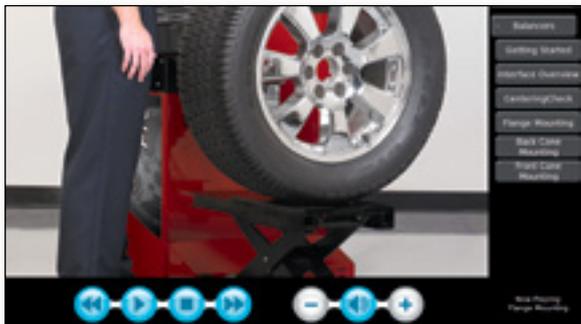


TruWeight® provides lifelike representations of actual correction weights



SmartWeight® panel displays wheel balance condition

# Exclusive software features make balancing easier



## On-screen instruction

- ✓ High-definition videos provide instruction on a variety of balancing topics
- ✓ Covers basic techniques and advanced procedures
- ✓ On-site training for your technicians
- ✓ Multiple languages



## 3D graphics

- ✓ Interactive display guides technicians through balancing procedures.
- ✓ Decreases training time

# Popular equipment upgrades

PATENTED

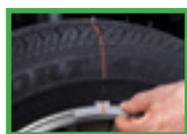
## HammerHead® top-dead-center laser



- ✓ Greater weight placement accuracy
- ✓ More single-spin balances improve productivity
- ✓ Overhead light illuminates work area



✗ Incorrect



✓ Correct



## Ergonomic QuickNut

- ✓ Fast clamping with collapsing jaws
- ✓ Comfort-grip handles



## BullsEye® centering system

- ✓ Optimize centering
- ✓ Prevent wheel damage



## Wheel lift

- ✓ Avoid strain
- ✓ Safely service heavy, oversized wheels
- ✓ Aids wheel centering



## Basic collet kit

- ✓ Handles most common wheel sizes
- ✓ Prevent wheel damage

# Specifications

<b>Power requirements</b>	196-256V, 3 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)
<b>Air supply requirements*</b>	7-12 bar (100-175 psi)
<b>Capacity</b>	
Rim width	38 – 508 mm (1.5 – 20 in.)
Rim diameter	254 – 762 mm (10 – 30 in.)**
ALU	191 – 965 mm (7.5 – 38 in.)**
Max. tire diameter	965 mm (38 in.)
Max. tire width	508 mm (20 in.)
Max. tire weight	61 kg (135 lbs.)
<b>Imbalance resolution</b>	± 1.0 g (0.05 oz)
<b>Placement accuracy</b>	512 positions, ± 0.35°
<b>Balancing speed</b>	150 rpm
<b>Motor</b>	Programmable drive system and DC motor

\* Wheel lift models only.

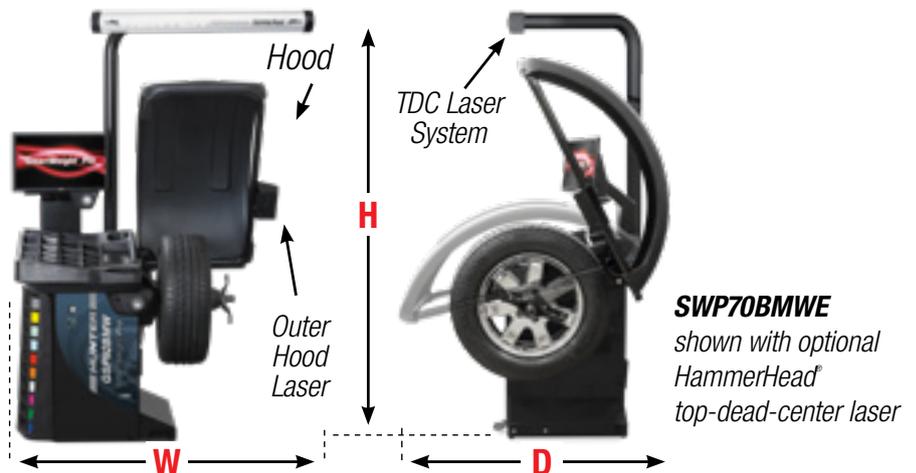
\*\* Extreme wheel sizes may require manual data entry.



**SWP70BMWE**

## Ordering information

	<b>SWP70BMWE</b>
<b>Hood</b>	✓
<b>Outer laser</b>	✓
<b>Width (W)</b>	53" (1346 mm)
<b>Height (H)</b>	71.5" (1816 mm)
<b>Depth (D)</b>	32.75" (832 mm)
<b>Weight</b>	311 lbs. (141 kg)



## Optional equipment

- 20-3062-1** Basic collet kit
- 20-3495-1** HammerHead® top-dead-center laser
- 20-3101-1** Wheel lift
- 20-2747-1** BullsEye® collet kit
- 76-574-2** Ergonomic QuickNut
- 76-432-1** Forged Wingnut



Because of continuing technological advancements, specifications, models and options are subject to change without notice.

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