

SmartWeight® Pro

Intuitive balancer with professional features

NEW



Key features at a glance

PATENT PENDING

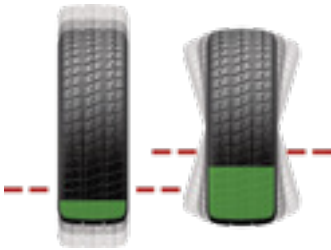
No touch wheel measurement



- ✓ 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

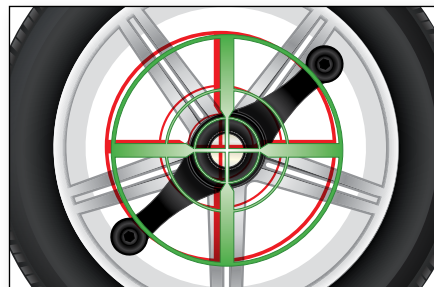
HammerHead® option



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

PATENTED

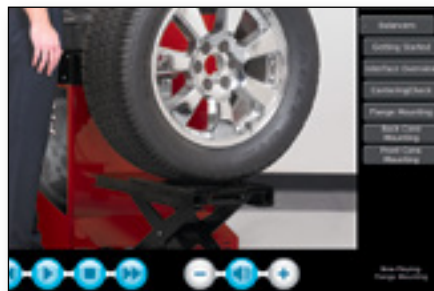
CenteringCheck®



- ✓ 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

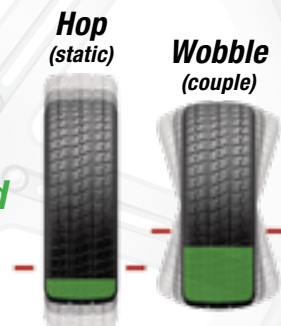


- ✓ Superior balance results in a single spin

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

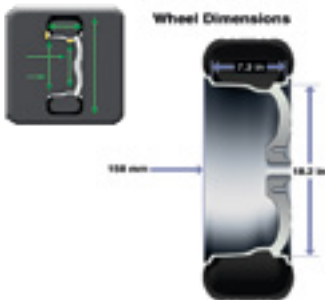


Rim cutaway displays selected
weight mode

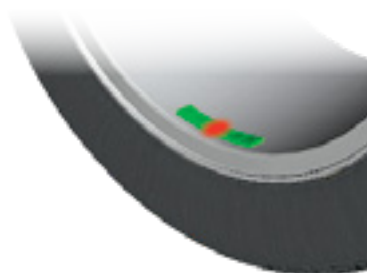


Switch text language

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

Power requirements

196-256V, 3 amp, 50/60 Hz, 1 ph
(Power cable includes: NEMA 20 amp plug, L6-20P)

Air supply requirements*

7-12 bar (100-175 psi)

Capacity

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.)

Imbalance resolution

± 1.0 g (0.05 oz)

Placement accuracy

512 positions, ± 0.35°

Balancing speed

150 rpm

Motor

Programmable drive system and DC motor

* Wheel lift models only.

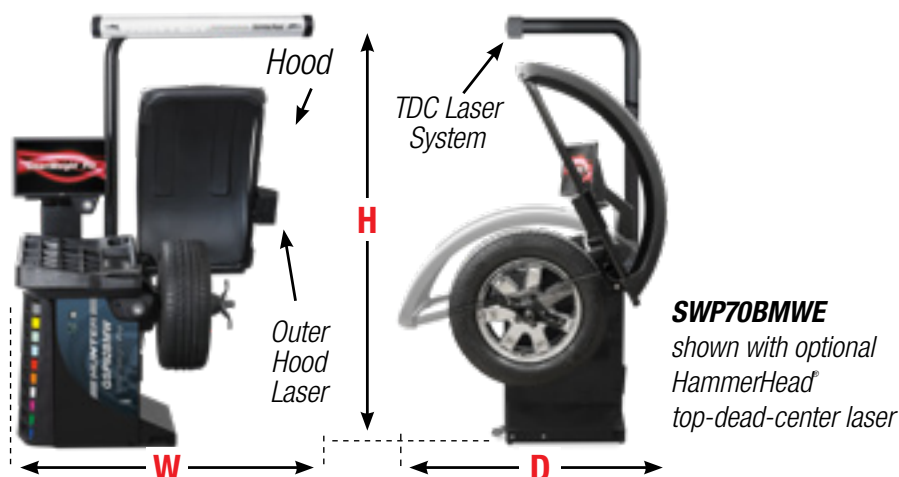
** Extreme wheel sizes may require manual data entry.



SWP70BMWE

Ordering information

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



SWP70BMWE
shown with optional
HammerHead®
top-dead-center laser

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.

SmartWeight, BullsEye, HammerHead, CenteringCheck, DataSet and TruWeight are registered trademarks of Hunter Engineering Company.

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