

SmartWeight[®] Pro

Intuitive balancer with professional features

NEW



Key features at a glance

PATENT PENDING

Touch-free 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





SWP70E 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

PATENTED

CenteringCheck®



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

OPTIONAL

HammerHead® option





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

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



Touch-free 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



STANDARD

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

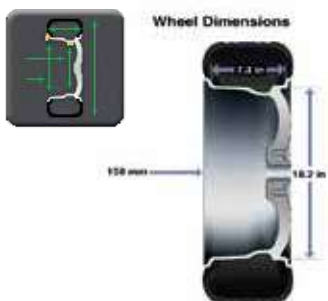


Rim cutaway displays selected weight mode

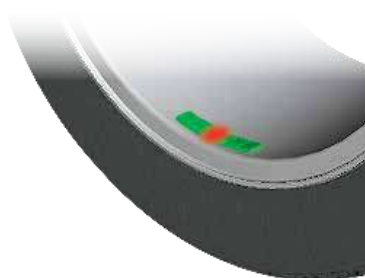


Switch text language

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



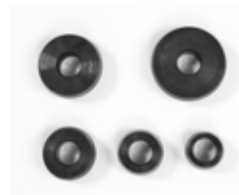
BullsEye® centering system

- ✓ 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.

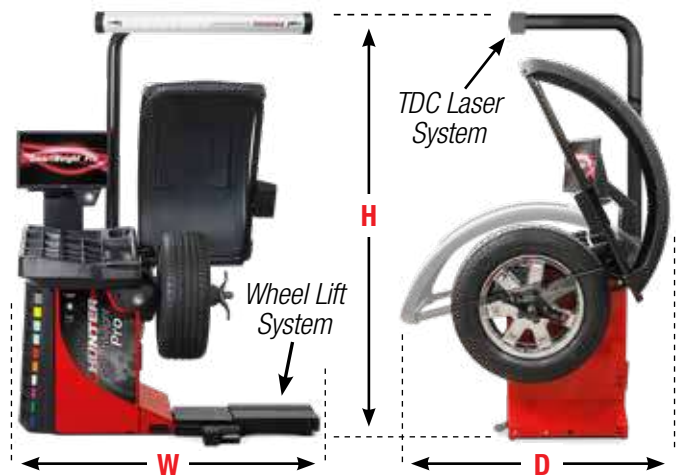


Ordering information

SWP70E SmartWeight Pro wheel balancer with outer hood 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
- 20-1839-1** Flange plate



Width (W) 1346 mm* (53 in.)

Height (H) 1816 mm** (71.5 in.)

Depth (D) 832 mm (32.75 in.)

Weight 125 kg (275 lbs.)

* 1854 mm (73 in.) with wheel lift

** 2184 mm (86 in.) with TDC Laser System



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

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