SmartWeight® Pro

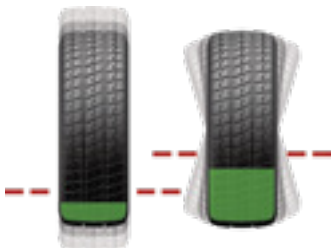## Intuitive balancer with professional features

Key features at a glance

No-touch wheel measurement

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

SmartWeight® technology

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

Intuitive interface

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

SWP70 *shown with optional BullsEye® collet kit, HammerHead® top-dead-center laser, and wheel lift*

ExactPosition™

✔ Laser exactly identifies weight location

✔ Improves balance accuracy

✔ More durable than Dataset® arms

CenteringCheck®

✔ Ensures proper centering

✔ Eliminates setup errors and most common cause of comebacks

HammerHead® option

✔ Speeds clip-weight placement

✔ Improves balance

✔ Illuminates work area

On-demand videos

✔ Simplifies training

✔ Improves results

✔ Multiple languages

Space-saving design

✔ Small-format maximizes shop space

✔ Hood design allows machine to be installed against wall

No-touch measurement makes balancing easier

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

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
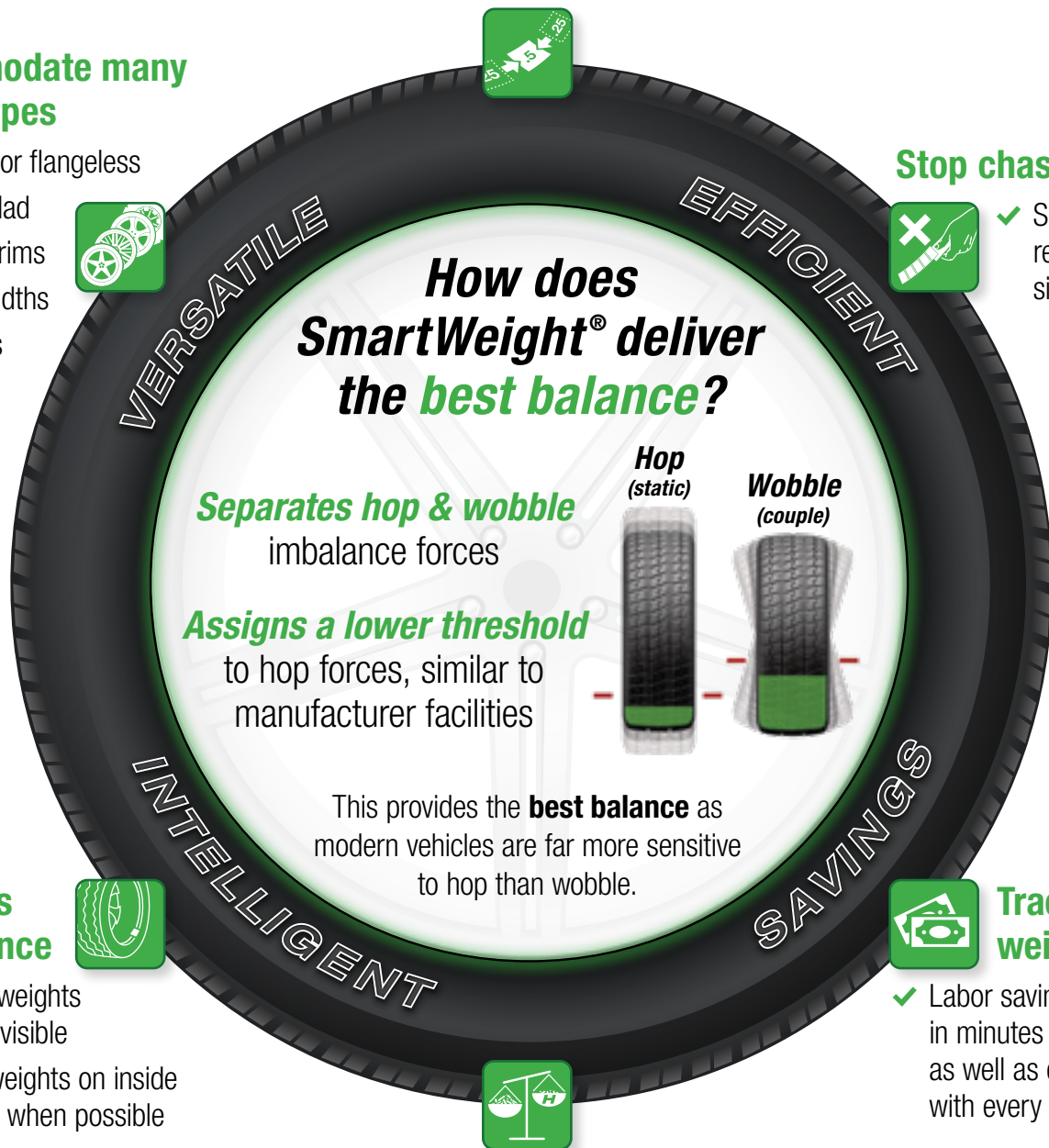
Accommodate many wheel types
- ✔ Flanged or flangeless
- ✔ Plastic clad
- ✔ Colored rims
- ✔ Wider widths
- ✔ Run flats

Stop chasing weights
- ✔ Superior balance results in a single spin

VERSATILE

EFFICIENT

INTELLIGENT

SAVINGS

How does SmartWeight® deliver the best balance?

Separates hop & wobble imbalance forces

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

Hop
(static)

Wobble
(couple)

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

Track labor & weight savings
- ✔ Labor savings shown in minutes and hours as well as dollars with every spin.

Improves appearance
- ✔ Smaller weights are less visible
- ✔ Places weights on inside of wheel when possible

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.

Single-knob interface simplifies experience

0.75oz

Clearly indicates
correction weight amount

Rim cutaway displays selected
weight mode
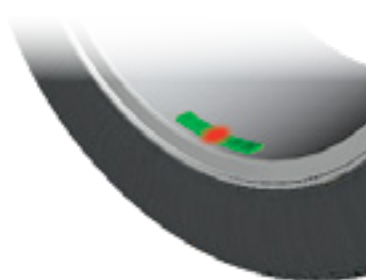
Switch text language

Balancing interface at a glance

Hunter Engineering Co.

CenteringCheck
Tools
Enter Spokes
Help

0.00oz

0.75oz

START

SmartWeight®

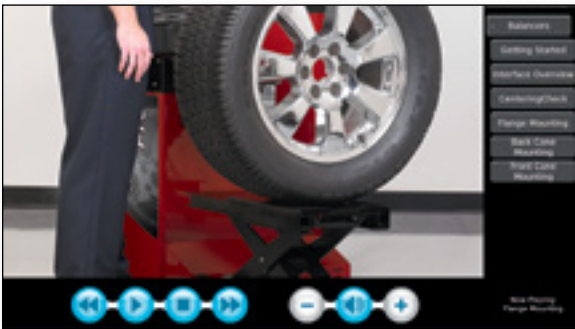HUNTER $15240·06 SmartWeight Savings

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

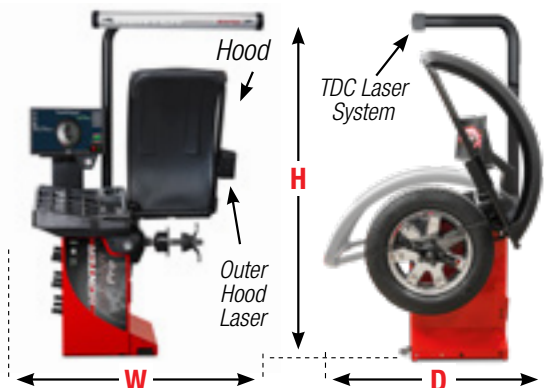|	
Power requirements	196-256V, 3 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)
Air supply requirements*	100-175 psi (7-12 bar)
Capacity	
Rim width	1.5 – 20 in. (38 – 508 mm)
Rim diameter	10 – 30 in. (254 – 762 mm)**
ALU	7.5 – 38 in. (191 – 965 mm)**
Max. tire diameter	38 in. (965 mm)
Max. tire width	20 in. (508 mm)
Max. tire weight	135 lbs. (61 kg)
Imbalance resolution	± 0.05 oz (1.0 g)
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.

SWP70 shown with optional BullsEye® collet kit

Models

	SWP78	SWP77	SWP76	SWP70	SWP68	SWP67	SWP66	SWP60	SWP08	SWP07	SWP06	SWP00
Hood	✔	✔	✔	✔	✔	✔	✔	✔				
Outer laser	✔	✔	✔	✔								
Wheel Lift	✔		✔		✔		✔		✔		✔	
TDC laser	✔	✔			✔	✔			✔	✔		
Width (W)	60.5" (1536 mm)	57" (1448 mm)	60.5" (1536 mm)	53" (1346 mm)	60.5" (1536 mm)	57" (1448 mm)	60.5" (1536 mm)	53" (1346 mm)	60.5" (1536 mm)	57" (1448 mm)	60.5" (1536 mm)	42" (1066 mm)
Height (H)	85" (2159 mm)	85" (2159 mm)	71.5" (1816 mm)	71.5" (1816 mm)	85" (2159 mm)	85" (2159 mm)	71.5" (1816 mm)	71.5" (1816 mm)	85" (2159 mm)	85" (2159 mm)	71.5" (1816 mm)	61" (1549 mm)
Depth (D)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	32.75" (832 mm)	28" (711 mm)	28" (711 mm)	32.75" (832 mm)	28" (711 mm)
Weight	465 lbs. (210 kg)	336 lbs. (166 kg)	410 lbs. (186 kg)	311 lbs. (141 kg)	465 lbs. (210 kg)	366 lbs. (166 kg)	410 lbs. (186 kg)	311 lbs. (141 kg)	406 lbs. (184 kg)	343 lbs. (156 kg)	387 lbs. (176 kg)	288 lbs. (131 kg)

Hood
TDC Laser System
Outer Hood Laser

0120CH

Optional equipment

20-3062-1	Basic collet kit
20-2747-1	BullsEye® collet kit
76-574-2	Ergonomic QuickNut
20-1839-1	Flange plate
20-3600-1	110V Power Kit

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