

SMARTWEIGHT® HN

High-capacity balancer with a simple interface



Save weights in your shop



SmartWeight® savings
technology



Error-proof
CenteringCheck®



Easy-to-use
interface

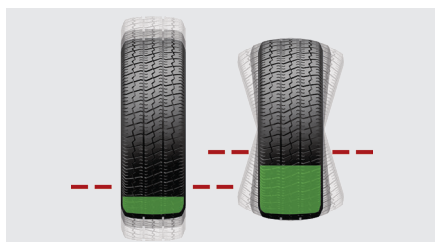


Installation and
training included



Be the industry leader in your area

SMARTWEIGHT® HYBRID AT A GLANCE



PATENTED

SmartWeight® technology

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



EXCLUSIVE

HammerHead® option

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



STANDARD

Bottom-dead-center laser

- ✓ Speeds tape weight placement
- ✓ Improves accuracy



STANDARD

Intuitive interface

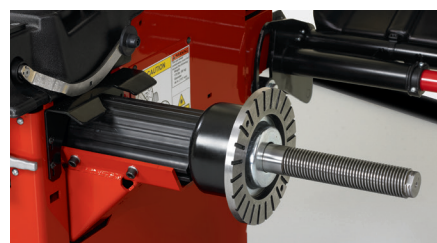
- ✓ Single-knob navigation simplifies experience
- ✓ 3D graphics



PATENTED

CenteringCheck®

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



EXCLUSIVE

Superior alloy shaft

- ✓ Most durable in industry
- ✓ Ensures accurate balancing for years to come



EXCLUSIVE

On-demand videos

- ✓ Simplifies training
- ✓ Improves results
- ✓ Multiple languages



EXCLUSIVE

HunterNet®

- ✓ View balancer usage
- ✓ Track weight usage



Bullseye® collets

- ✓ View balancer usage
- ✓ Track weight usage



SWHN12 shown
with optional
BullsEye® collets
and Hammerhead
TDC assist

EXCLUSIVE

SINGLE-KNOB INTERFACE SIMPLIFIES EXPERIENCE

0.75oz

Clearly indicates
correction weight amount

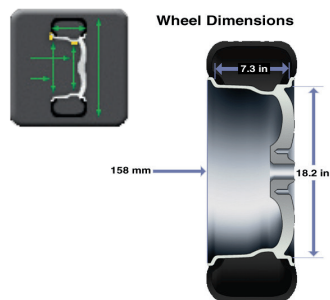


Rim cutaway displays
selected weight mode

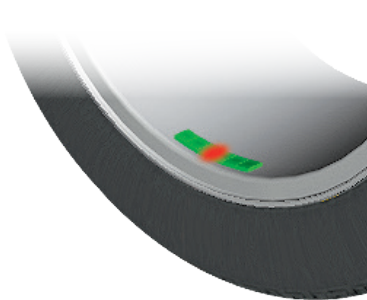


Switch text language

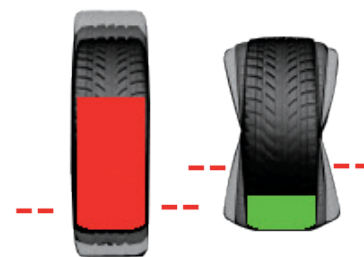
Balancing interface at a glance



Display rim dimensions



TruWeight® provides lifelike
representations of actual
correction weights



SmartWeight® panel displays
wheel balance condition

SmartWeight® Balancing Technology

SAVE TIME, WEIGHTS, AND MONEY

Save time & effort

- ✓ Use 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

Hop
(static)



Wobble
(couple)



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

Improve 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 four times more sensitive to hop forces than wobble. Conventional balancers treat both the same.

EXCLUSIVE FEATURES MAKE BALANCING FASTER AND 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



PATENTED

Automatic mode detection

- ✓ Eliminate the need to select the balance mode
- ✓ Reduce service time and possible mode entry errors
- ✓ No need to push buttons

Enhance your equipment

POPULAR EQUIPMENT UPGRADES



PATENTED

HammerHead® top-dead-center laser

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



✗ Incorrect



✓ Correct



BullsEye® centering system

- ✓ Optimize centering
- ✓ Prevent wheel damage



Ergonomic QuickNut

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



Wheel lift

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



OPTIONAL

SpeedClamp®

- ✓ Clamp wheels automatically
- ✓ Save time and effort
- ✓ Improves clamping consistency

SMARTWEIGHT® HYBRID SPECIFICATIONS



SWHN12 shown

Power requirements	208-240V, 3 amp, 50/60 Hz, 1 ph NEMA L6-20 plug included
Air supply requirements	100-175 psi (7-12 bar)
Capacity	
Rim width	1.5 in to 20.5 in (38 mm to 521 mm)
Rim diameter	10 in to 30 in (254 mm to 762 mm)**
ALU	14 – 40 in. (356 - 1016 mm)**
Max. tire diameter	40 in (1016 mm)
Max. tire width	20 in (508 mm)
Max. tire weight	175 lbs (79 kg)
Imbalance resolution	± 0.01 oz (0.28 g)
Placement accuracy	512 positions, ± 0.35°
Balancing speed	300 rpm
Motor	Programmable drive system and DC motor

* Wheel lift models only. ** Extreme wheel sizes may require manual data entry.



For a complete listing of SmartWeight® Hybrid model numbers with dimensions and included features and accessories, please see Form 7714-T.

Your local Hunter team is ready to help

- ✂ Receive same- or next-day service
- 📞 Get a free quote or on-site demo
- 📅 Register for ASE-accredited training courses
- 📖 General information and questions



Contact your local team

hunter.com/contact

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