



# SMARTWEIGHT® ELITE

Class-leading wheel balancer



Reach new levels in your shop



70 seconds  
to balance



Automatic wheel  
measurements



Error-proof  
CenteringCheck®

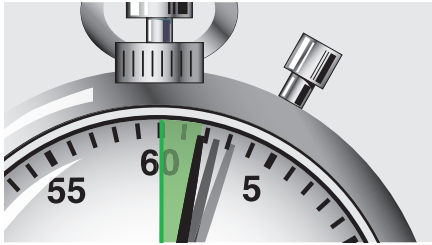


SmartWeight®  
technology



The fastest, most efficient balance

# SMARTWEIGHT® ELITE AT A GLANCE



EXCLUSIVE

## Speed

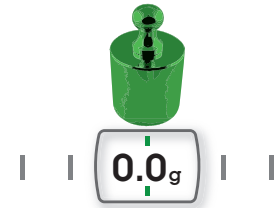
- ✓ Balance wheels faster with automatic dimension entry



PATENTED

## Automatic CenteringCheck®

- ✓ Ensures proper centering
- ✓ Reduce comebacks



PATENTED

## eCal auto-calibration

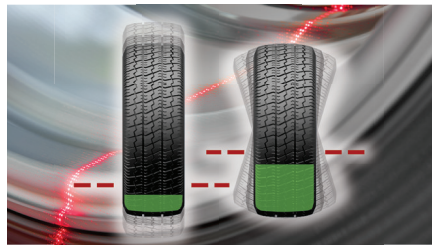
- ✓ True "self-calibration"
- ✓ No operator input required
- ✓ Ensures accurate balance



PATENTED

## Vision system

- ✓ Eliminate error opportunities
- ✓ Evaluate rim condition
- ✓ More information in less time



PATENTED

## Enhanced SmartWeight®

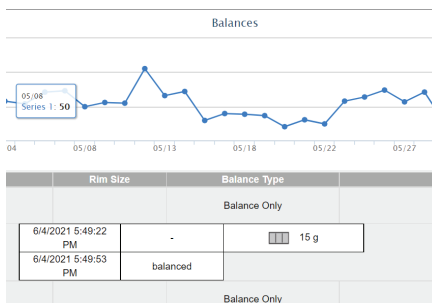
- ✓ Even better balance
- ✓ Maximum efficiency
- ✓ More single weight solutions



EXCLUSIVE

## On-demand videos

- ✓ Simplify training
- ✓ Improve results



EXCLUSIVE

## HunterNet®

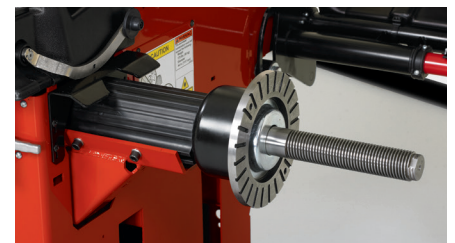
- ✓ View balancer usage
- ✓ Track weight usage



STANDARD

## Touchscreen interface

- ✓ Intuitive interface
- ✓ Reduces training



EXCLUSIVE

## Superior alloy shaft

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



Patented vision technology

# MORE FEATURES. LESS ERRORS. NO HASSLE.















Hunter SmartWeight® Elite

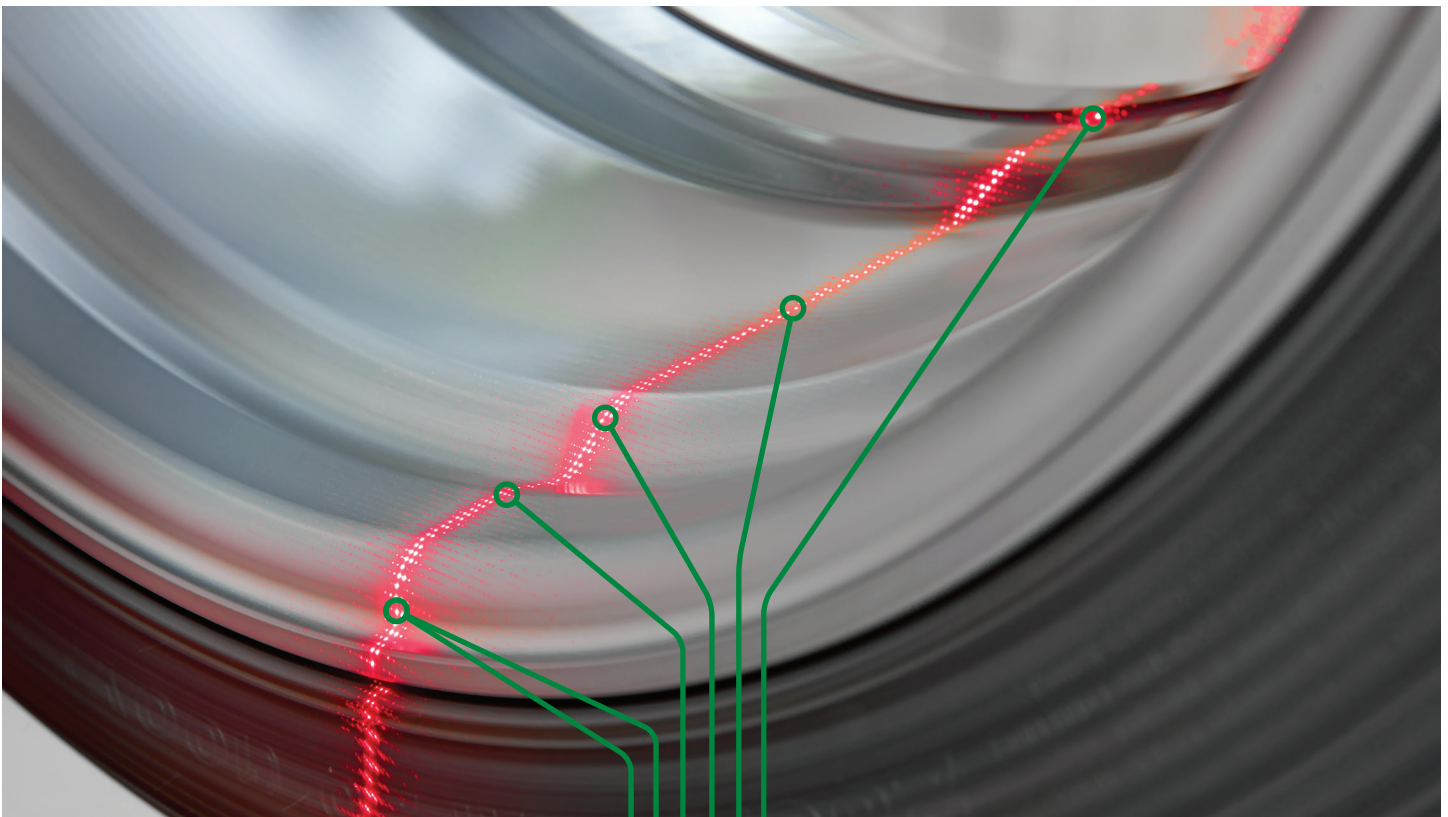
vs.



Standard Balancer

-  **Wheel dimensions**  
*AUTOMATIC*
-  **Weight mode**  
*AUTOMATIC*
-  **Spoke location**  
*AUTOMATIC*
-  **Rim profile**  
*AUTOMATIC*
-  **SmartWeight® optimized**  
*AUTOMATIC*
-  **Rim runout**  
*AUTOMATIC*
-  **Error-proof**  
*AUTOMATIC*
-  **Guided balance**

-  **Wheel dimensions**  
*MANUAL*
-  **Weight mode**  
*MANUAL*
-  **Spoke location**  
*MANUAL*
- Rim profile**
- SmartWeight®-optimized**
- Rim-runout**
- Error-proof**
-  **Unguided balance**



**Wheel dimensions**

**AUTOMATIC**

Automatically determines weight plane locations



**Spoke location**

**AUTOMATIC**

Automatically hides tape weights behind spokes



**Weight mode**

**AUTOMATIC**

Selects clip or tape weight usage



**SmartWeight® optimized**

**AUTOMATIC**

Allows more single weight solutions



**Rim runout**

**AUTOMATIC**

Diagnose bent rims



**Rim profiled**

**AUTOMATIC**

Creates three-dimensional model of the rim



**Reduce operator error**

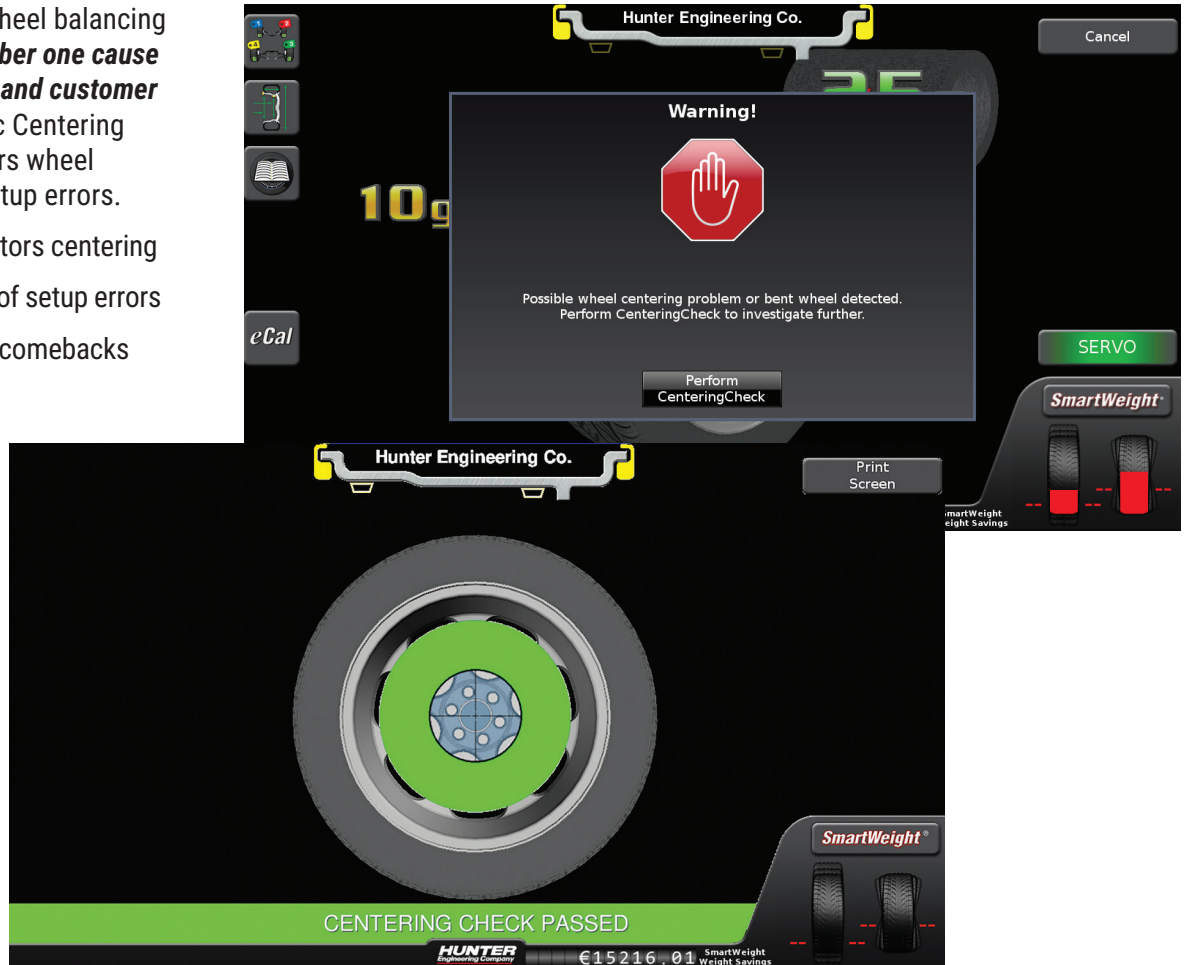
- ✓ Automatically measures wheel dimensions
- ✓ Automatically selects weight mode
- ✓ Automatically measures rim runout

## Automatic CenteringCheck®

# PREVENT SETUP ERRORS

Miscentering during wheel balancing procedures is the **number one cause of improper balancing and customer comebacks**. Automatic Centering Check® always monitors wheel centering to reduce setup errors.

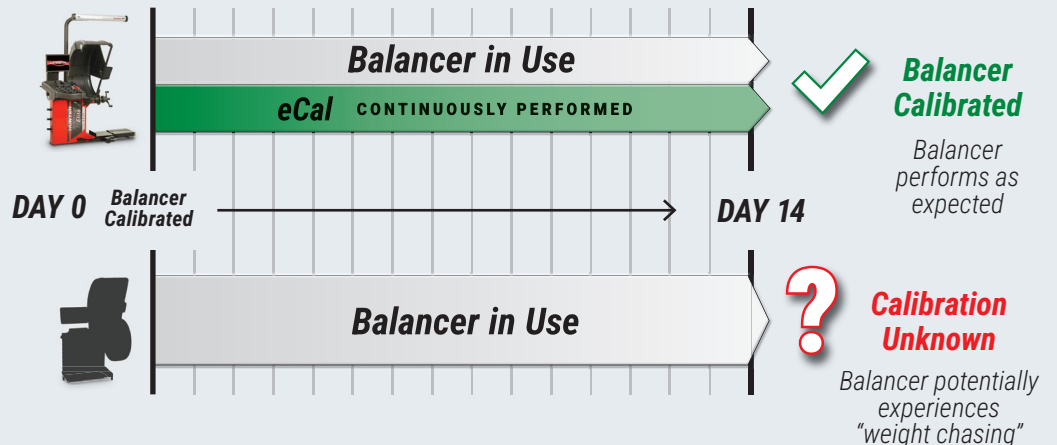
- ✓ Automatically monitors centering
- ✓ Notifies technician of setup errors
- ✓ Reduces customer comebacks



## ECAL AUTOMATIC CALIBRATION

eCal automatically monitors and adjusts balancer calibration **without** operator intervention.

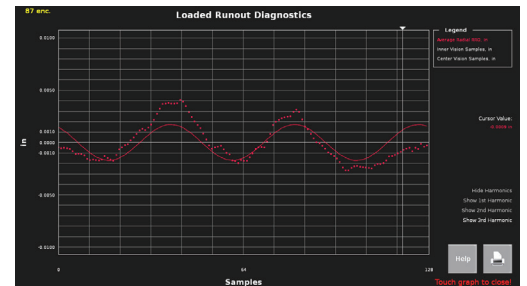
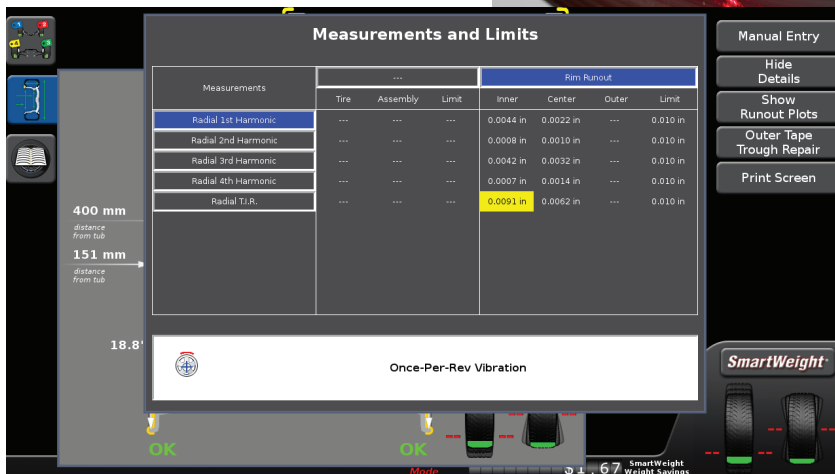
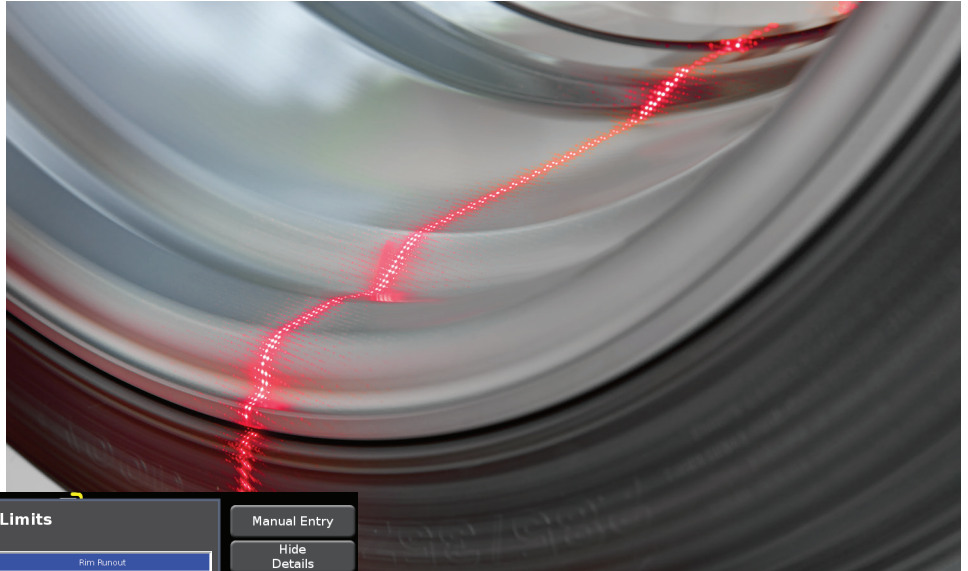
- ✓ Guarantees highest balancing accuracy
- ✓ No operator intervention required
- ✓ Ensures happy customers



# RIM CONDITION MEASUREMENT

SmartWeight® Elite measures rim runout with every spin.

- ✓ Finds bent and damaged rims
- ✓ Show customers rim conditions



# TRUWEIGHT® WEIGHT SELECTION

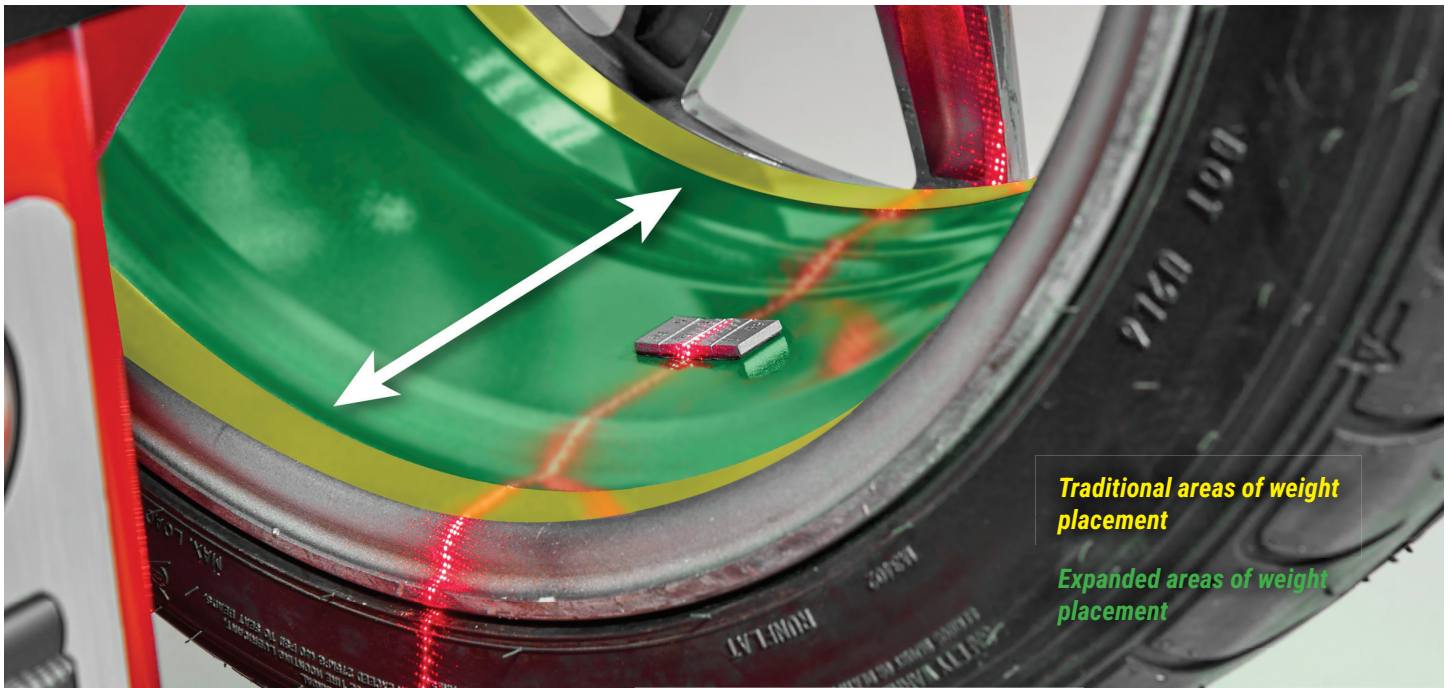
The rim is scanned and 3D modeled with every spin.

- ✓ Shows weights on 3D model of actual rim
- ✓ Helps techs place weights correctly
- ✓ Ensures the job is done right



SmartWeight® Balancing Technology

# SAVE TIME, WEIGHTS, AND MONEY



SmartWeight® Elite vision system increases balancer accuracy and single weight solutions.

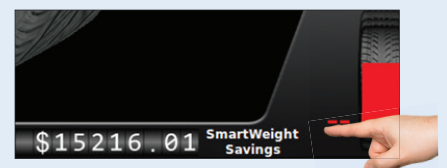
**4** Modern vehicles are **4x** more sensitive to static vibration forces than couple or dynamic forces

**66** Avoid an average of **66 comebacks** per year by using SmartWeight®

**202.1** An average shop saves **202.1 kg** per year with SmartWeight®



Watch Your Savings Grow!



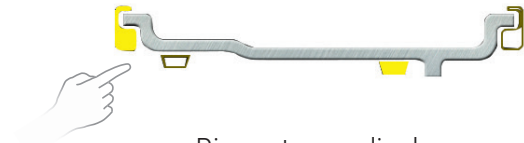
✓ See weight and labor savings based on your shop's numbers

Touchscreen interface

# SIMPLE, INTUITIVE OPERATION



Touching weight value servos wheel to weight location

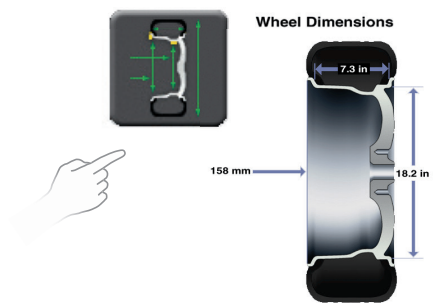


Rim cutaway displays selected weight mode

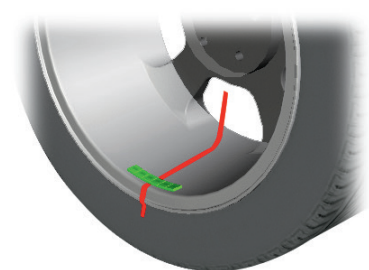


Switch text language with the push of a button

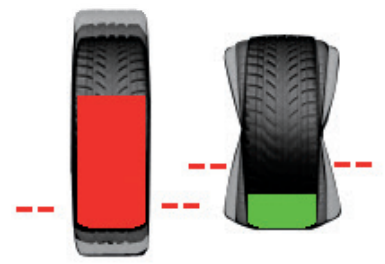
## Balancing interface at a glance



One touch to display rim dimensions



TruWeight® provides live navigation through selection and placement of wheel weights



SmartWeight® panel displays wheel balance condition

# TAKE CONTROL OF YOUR EQUIPMENT, NUMBERS, AND PROFITABILITY



## Connect your equipment to your business

- ✓ Maximize your shop's performance
- ✓ Simplify customer discussions with selling tools
- ✓ View extensive undercar information
- ✓ Easily download newly released or revised vehicle alignment specifications with WebSpecs®

## BUILT FOR YOUR SHOP'S NEEDS

SWE-	20E	00E
Wheel Lift	✓	✓
SpeedClamp®	✓	
Standard wingnut	✓	✓
Width (W)	1448 mm 57 in.	1448 mm 57 in.
Height (H)	1804 mm 71 in	1804 mm 71 in
Depth (D)	1613 mm 63.5 in.	1613 mm 63.5 in.
Weight	169 mm 371 lbs.	169 mm 371 lbs.

# POPULAR EQUIPMENT UPGRADES

## Wheel lift

- ✓ Safely service heavy, oversized wheels
- ✓ Aids wheel centering
- ✓ Help retain technicians



## SpeedClamp®

- ✓ Clamp wheels automatically
- ✓ Save time and effort
- ✓ Eliminate wingnut



## Premium BullsEye® collets

- ✓ Provide comprehensive coverage for passenger-car and light-truck wheels
- ✓ Includes 1-ton capacity
- ✓ Provides improved centering and wheel protection



Shown with options

PATENTED

## HammerHead® top-dead-center laser

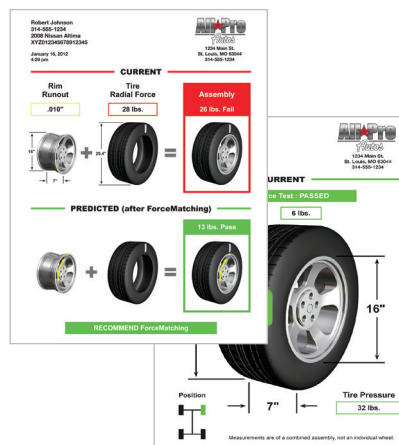
- ✓ Greater weight placement accuracy to avoid mistakes
- ✓ More single-spin balances improve productivity
- ✓ Overhead fluorescent light illuminates work area



## Printer kit with storage shelf\*

- ✓ Print road force measurement test results
- ✓ Win more approvals with clear and informative printouts

\* Printer model may vary.



# SMARTWEIGHT® ELITE SPECIFICATIONS



**SWE00E shown**

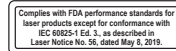
<b>Power requirements</b>	196-253V, 10 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)
<b>Air supply requirements</b>	7-12 bar (100-175 psi)**
<b>Capacity</b>	
<b>Rim width</b>	38 mm to 521 mm (1.5 in. to 20.5 in.)*
<b>Rim diameter</b>	254 mm to 762 mm (10 in. to 30 in.)*
<b>ALU</b>	356 mm to 1016 mm (14 in to 40 in)*
<b>Max. tire diameter</b>	1118 mm (44 in.)
<b>Max. tire width</b>	508 mm (21 in.)
<b>Max. tire weight</b>	79 kg (175 lbs.)
<b>Radial runout accuracy</b>	0.051 mm (0.002 in.)
<b>Imbalance resolution</b>	± 0.28 g (0.01 oz.)
<b>Placement accuracy</b>	512 positions, ± 0.35°
<b>Balancing speed</b>	300 rpm
<b>Motor</b>	Programmable drive system and DC motor

\* Extreme wheel sizes may require manual data entry.

\*\* Only for wheel lift and SpeedClamp® models.

The Smartweight® Wheel Balancer is a Class 2 laser product.

LASER RADIATION - DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. Viewing the laser output with magnifiers or related optical instruments within a distance of 100 mm from the laser aperture may pose an eye hazard.



## Your Hunter distributor is ready to help

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



Contact your local distributor

[hunter.com/en-int/contact](http://hunter.com/en-int/contact)



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

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**HUNTER**  
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