

SmartWeight® Elite

High capacity balancer with class-leading features

NEW

AUTOMATIC DIMENSION ENTRY!



SmartWeight® Elite at a glance

EXCLUSIVE

Speed!



- ✓ Balance wheels faster with automatic dimension entry

PATENTED

Vision System



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

NEW EXCLUSIVE

HunterNet®



Run Size	Balance Type
6/4/2021 5:49:22 PJ	Balance Only
6/4/2021 5:49:53 PJ	balanced
	Balance Only

- ✓ View balancer usage
- ✓ Track weight usage



Shown with options



NEW PATENTED

Automatic Centering Check®



- ✓ Ensure proper centering
- ✓ Reduce comebacks

PATENTED

Enhanced SmartWeight®



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

STANDARD

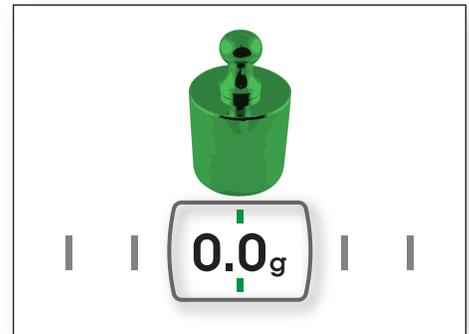
Touchscreen Interface



- ✓ Intuitive interface
- ✓ Reduces training

PATENTED

eCal Auto-Calibration



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

EXCLUSIVE

On-Demand Videos



- ✓ Simplify training
- ✓ Improve results

EXCLUSIVE

Superior alloy shaft



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



SmartWeight® Elite vision technology unlocks more



Hunter SmartWeight® Elite

VS.

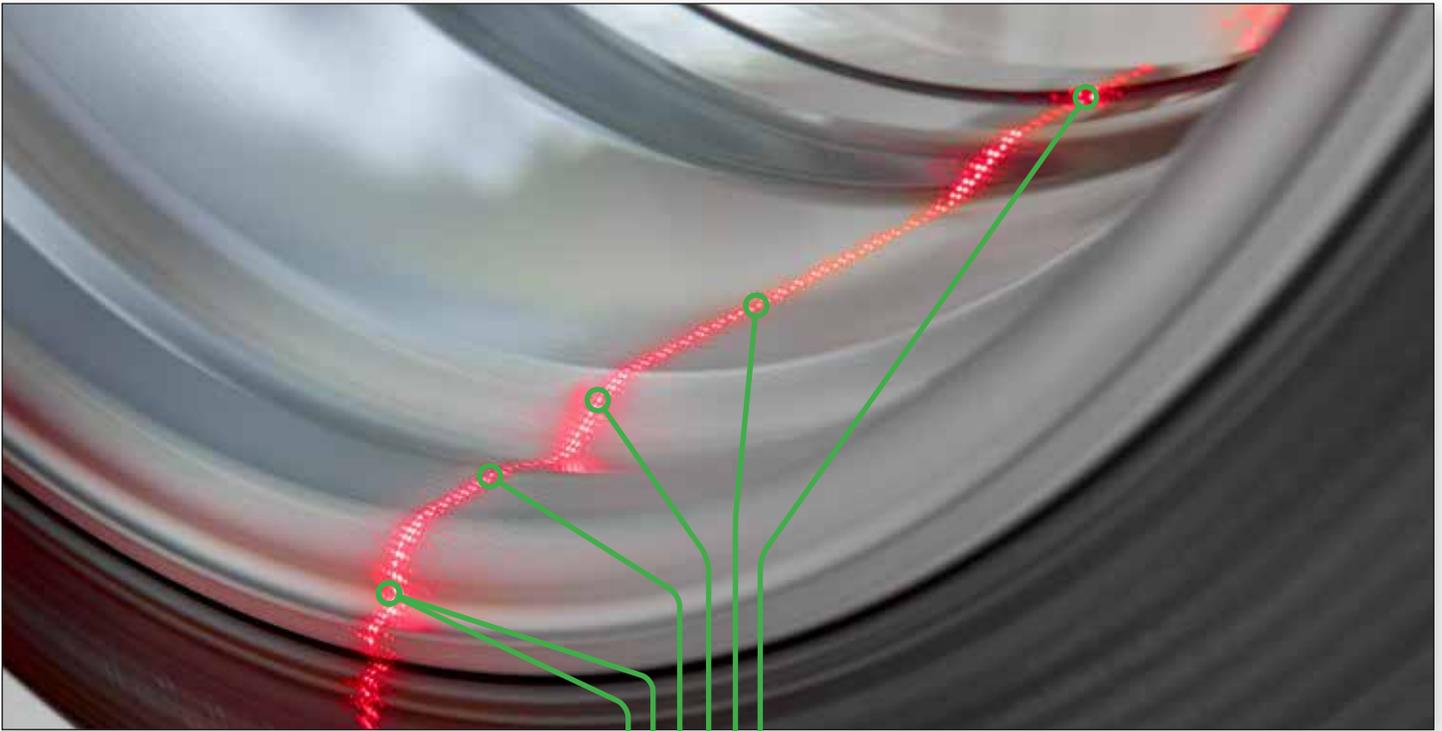


Standard Balancer

-  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**

benefits in less time!



Wheel dimensions

AUTOMATIC

Automatically determines weight plane locations



Weight mode

AUTOMATIC

Selects clip or tape weight usage



Rim runout

AUTOMATIC

Diagnose bent rims



Spoke location

AUTOMATIC

Automatically hides tape weights behind spokes



SmartWeight® optimized

AUTOMATIC

Allows more single weight solutions



Rim profiled

AUTOMATIC

Creates three-dimensional model of the rim



Reduce operator error

- ✓ Automatically measures wheel dimensions
- ✓ Automatically checks wheel centering
- ✓ Automatically selects weight mode

Automatic Centering Check[®] reduces 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.

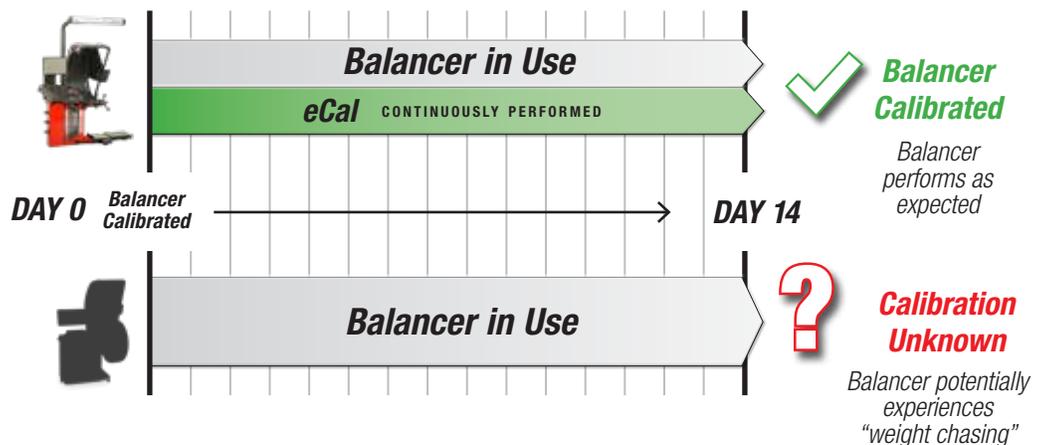
- ✓ Automatically monitors centering
- ✓ Notifies technician of setup errors
- ✓ Reduces customer comebacks



eCal Automatic Calibration

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

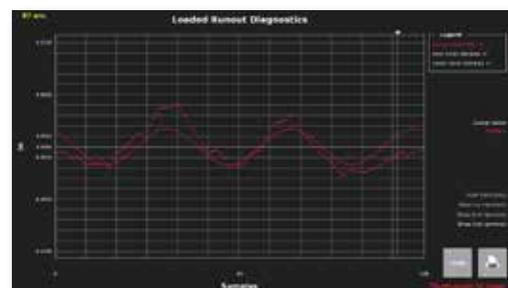
- ✓ Guarantees highest balancing accuracy
- ✓ No operator intervention required
- ✓ Ensures happy customers



Rim Condition Measurement

SmartWeight® Elite measures rim runout with every spin.

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



TruWeight® Weight Selection

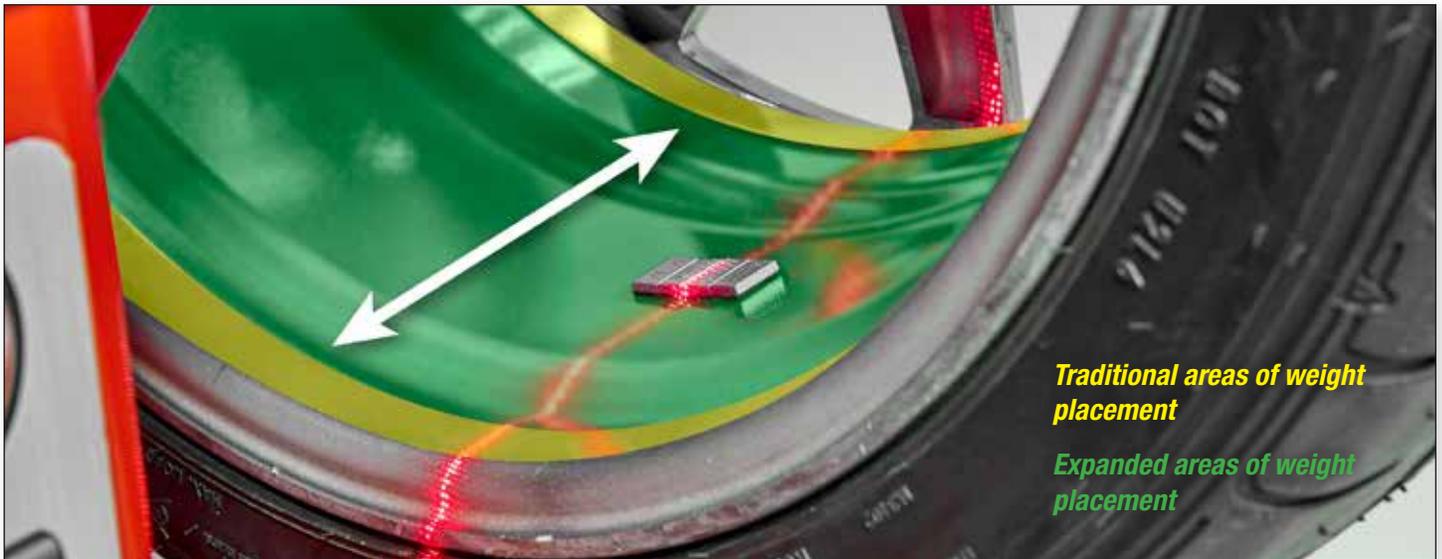
The rim is scanned and 3D modeled with every spin.

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



Enhanced SmartWeight®

Additional weight locations save time and money



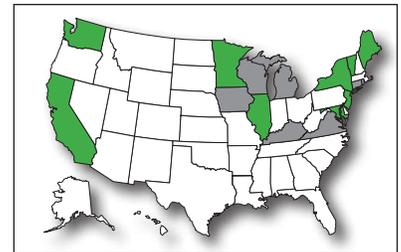
SmartWeight® Elite vision system increases balancer accuracy and single weight solutions.

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®

7,130 An average shop saves **7,130 oz** per year with SmartWeight®

Lead-Free Initiative Growing



- ▶ 9 states ban lead weights
- ▶ 7 states have previously introduced legislation to ban lead wheel weights

Watch Your Savings Grow!



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

EXCLUSIVE

Intuitive touchscreen simplifies experience



Touching weight value servos wheel to weight location

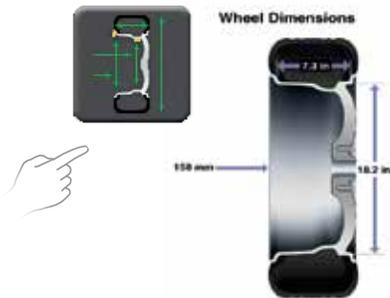


Rim cutaway displays selected weight mode

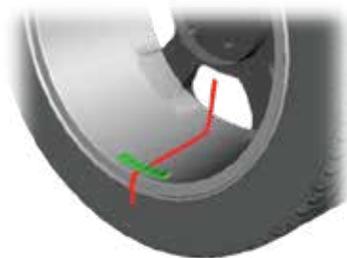


Switch text language with the push of a button

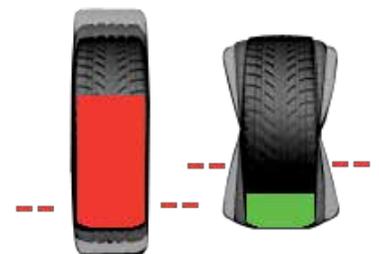
Balancing interface at a glance



One touch to display rim dimensions



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



SmartWeight® panel displays wheel balance condition

Concise information for your business!

EXCLUSIVE

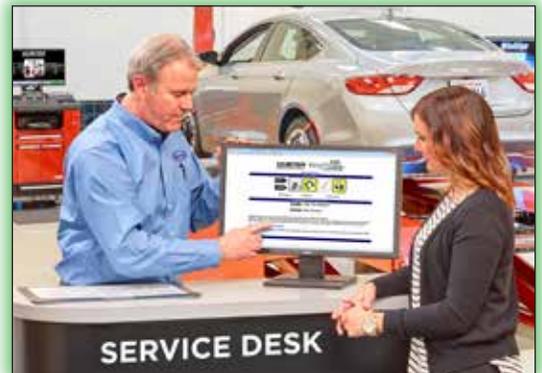
Vehicle Database with TPMSpecs®

- ✓ Displays proper mounting adaptors
- ✓ Present TPMS info through any internet-connected shop computer
- ✓ Presents 100+ TPMS reset procedures in a simple comprehensive, user-friendly way.

TPMSpecs



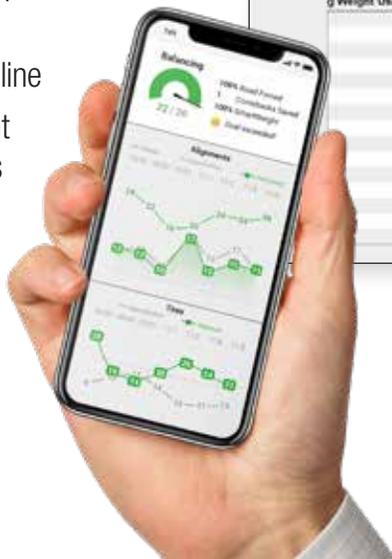
One-click TPMS access with a bar code scanner!
(Scanner sold separately)



TPMS info can be presented through any internet-connected shop computer!



- ✓ Balancing Push Reports
- ✓ Allows you to view balancer usage online
- ✓ Track wheel weight usage and savings



g Weight Usage

g weights	qty	percent	qty	percent
5.00	18	2.30%	43	2.87%
10.00	152	17.83%	194	12.96%
15.00	120	14.37%	248	16.42%
20.00	96	11.50%	208	13.79%
25.00	70	8.58%	170	11.36%
30.00	62	7.57%	137	9.19%
35.00	56	6.82%	113	7.55%
40.00	31	3.79%	132	8.82%
45.00	18	2.17%	112	7.48%
50.00	14	1.71%	87	5.81%
55.00	21	2.54%	57	3.81%
Piece Count Total		826	5857	
Weight Amount Total		14726	40065	

Date (mm/dd/yyyy)	Time	Balance Type	Wt
8/4/2021	5:40:53 PM	Balance Only	15 g
8/4/2021	5:49:22 PM	Balance Only	15 g
8/4/2021	5:48:53 PM	Balance Only	15 g
8/4/2021	5:48:13 PM	Balance Only	15 g
8/4/2021	5:47:11 PM	Balance Only	15 g
8/4/2021	5:44:47 PM	Balance Only	15 g
8/4/2021	5:40:22 PM	Balance Only	15 g

Popular equipment upgrades

Wheel lift

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



SpeedClamp®

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



Premium BullsEye® Collets

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



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

Printer kit with storage shelf*

- ✓ Print balance results
- ✓ Sell and perform TPMS work properly and efficiently
- ✓ Win more approvals with clear and informative printouts



* Printer model may vary.

Specifications



SWE12 shown

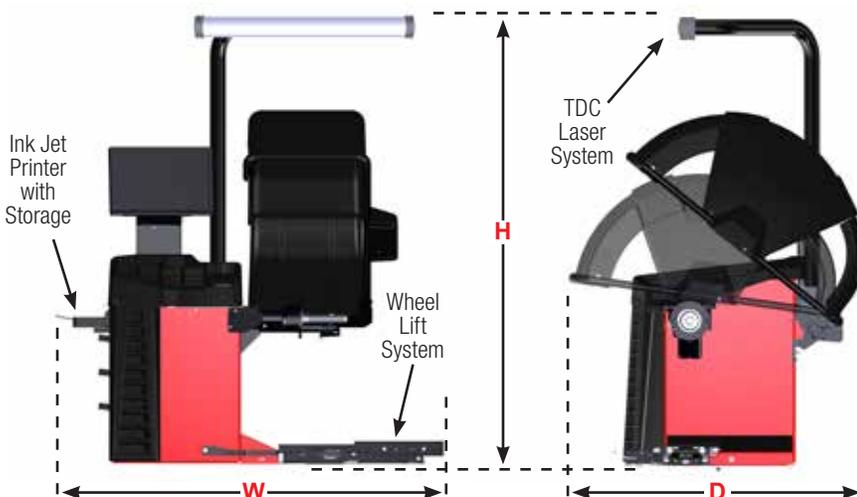
Power requirements	196-253V, 10 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)
Air supply requirements	100-175 psi (7-12 bar)**
Capacity	
Rim width	1.5 in to 20.5 in (38 mm to 521 mm)*
Rim diameter	10 in to 30 in (254 mm to 762 mm)*
ALU	14 in to 40 in (356 mm to 1016 mm)*
Max. tire diameter	44 in (1118 mm)
Max. tire width	20 in (508 mm)
Max. tire weight	175 lbs (79 kg)
Radial runout accuracy	0.002 in (0.051 mm)
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

* Extreme wheel sizes may require manual data entry.

** Only for wheel lift and SpeedClamp® models.

Models

	SWE33	SWE32	SWE31	SWE30	SWE23	SWE22	SWE21	SWE20	SWE13	SWE12	SWE11	SWE10	SWE03	SWE02	SWE01	SWE00
Wheel Lift System	✓	✓	✓	✓					✓	✓	✓	✓				
SpeedClamp® System	✓	✓	✓	✓	✓	✓	✓	✓								
TDC Laser System	✓	✓			✓	✓			✓	✓			✓	✓		
Ink Jet Printer w/ Storage	✓		✓		✓		✓		✓		✓		✓		✓	
Width (W)	72 in 1829 mm	64 in 1626 mm	72 in 1829 mm	64 in 1626 mm	65 in 1651 mm	60.5 in 1537 mm	65 in 1651 mm	57 in 1448 mm	72 in 1829 mm	64 in 1626 mm	72 in 1829 mm	64 in 1626 mm	65 in 1651 mm	60.5 in 1537 mm	65 in 1651 mm	57 in 1448 mm
Height (H)	88.5 in 2248 mm	88.5 in 2248 mm	71 in 1804 mm	71 in 1804 mm	88.5 in 2248 mm	88.5 in 2248 mm	71 in 1804 mm	71 in 1804 mm	88.5 in 2248 mm	88.5 in 2248 mm	71 in 1804 mm	71 in 1804 mm	88.5 in 2248 mm	88.5 in 2248 mm	71 in 1804 mm	71 in 1804 mm
Depth (D)	63.5 in 1613 mm															
Weight	575 lb 261 kg	522 lb 237 kg	525 lb 238 kg	472 lb 214 kg	474 lb 215 kg	421 lb 191 kg	424 lb 192 kg	371 lb 169 kg	575 lb 261 kg	522 lb 237 kg	525 lb 238 kg	472 lb 214 kg	474 lb 215 kg	421 lb 191 kg	424 lb 192 kg	371 lb 169 kg



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

HUNTER
Engineering Company

www.hunter.com