

SmartWeight® Elite

High capacity balancer with class-leading features

NEW

AUTOMATIC DIMENSION ENTRY!



HunterNet®
Connectivity

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 PJJ	Balance Only
6/4/2021 5:49:53 PJJ	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

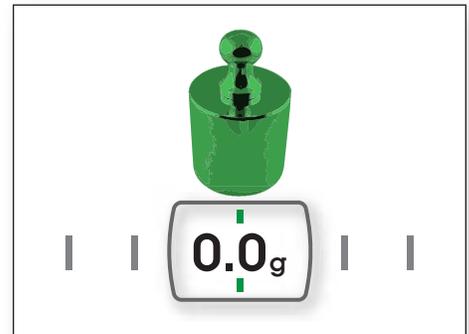
Touchscreen Interface



- ✓ 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.

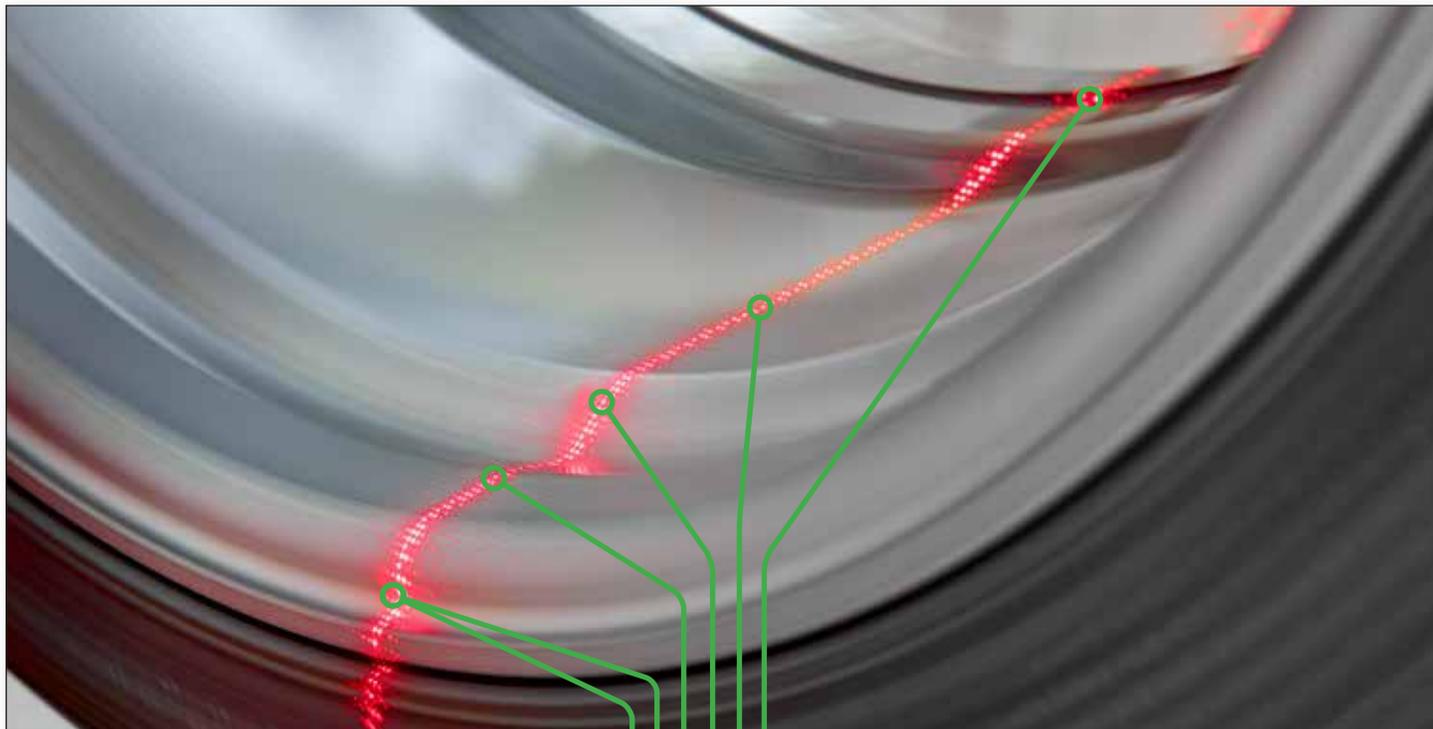


Standard Balancer

-  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



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 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.

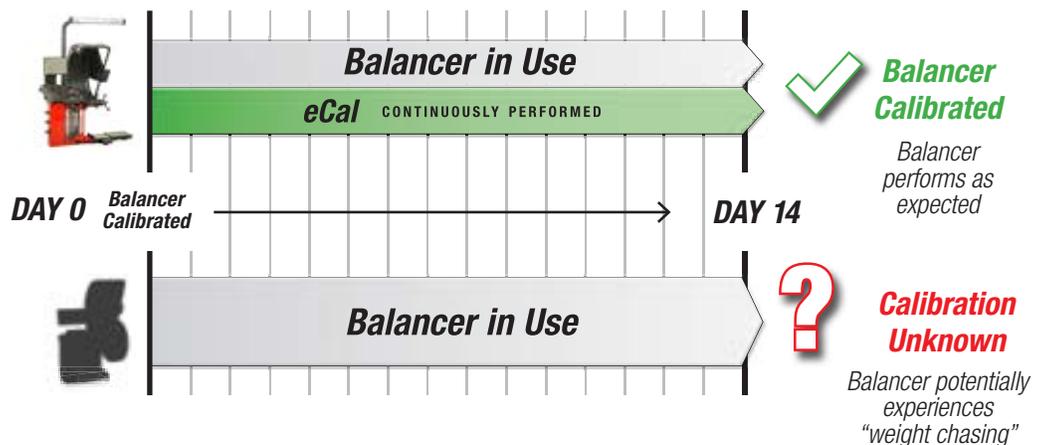
- ✓ Automatically monitors centering
- ✓ Notifies technician of setup errors
- ✓ Reduces customer comebacks



eCal Automatic Calibration

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

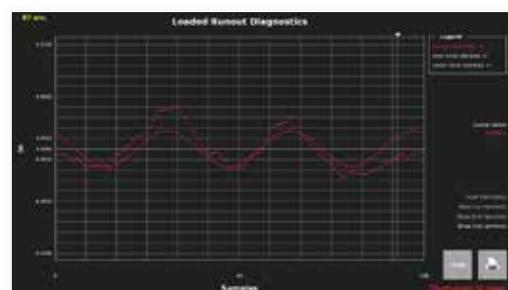
- ✓ Guarantees highest balancing accuracy
- ✓ No operator intervention required
- ✓ Ensures happy customers



Rim Condition Measurement

SmartWeight® Elite measures rim runout with every spin.

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



TruWeight® Weight Selection

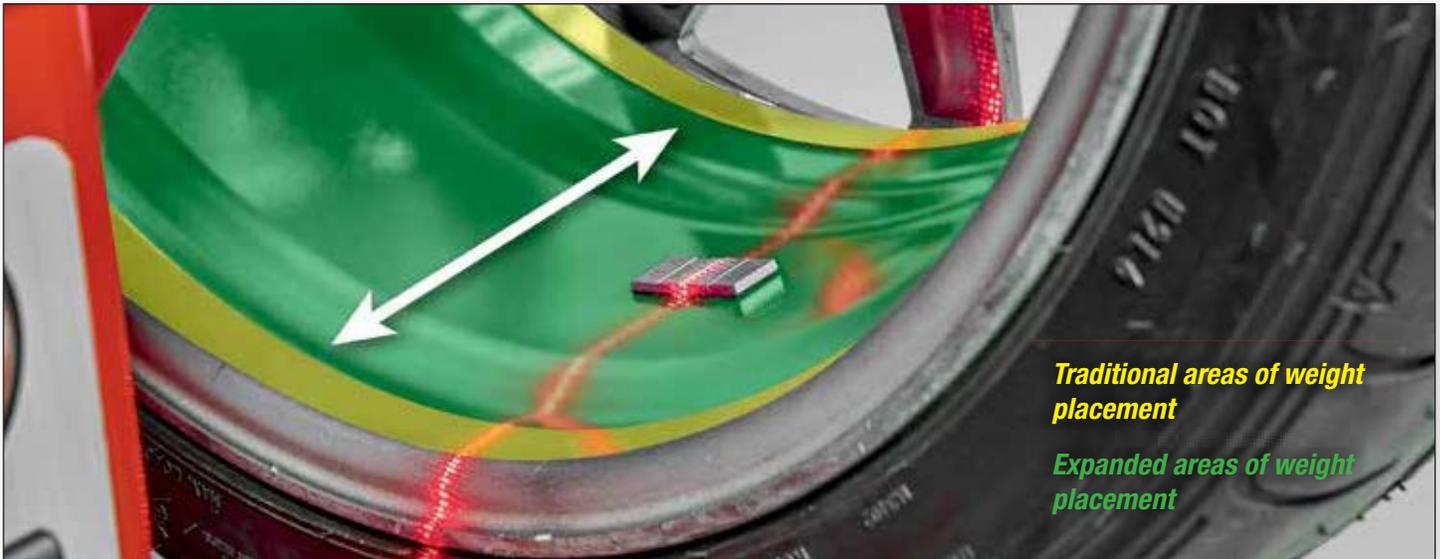
The rim is scanned and 3D modeled with every spin.

- ✓ 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



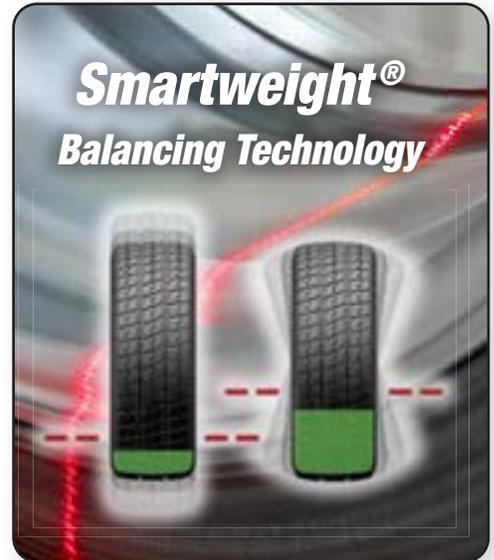
Traditional areas of weight placement

Expanded areas of weight placement

Road Force® 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

EXCLUSIVE

Intuitive touchscreen simplifies experience



Touching weight value servos
wheel to weight location

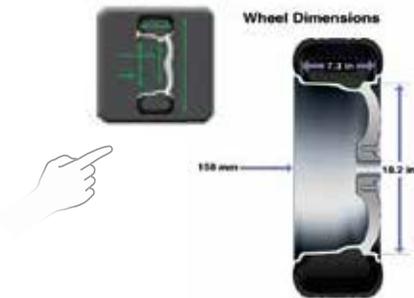


Rim cutaway displays selected
weight mode

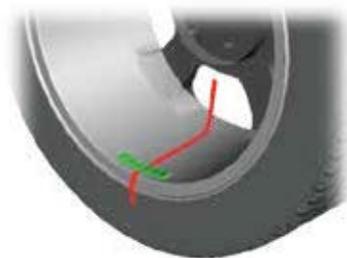


Switch text language with
the push of a button

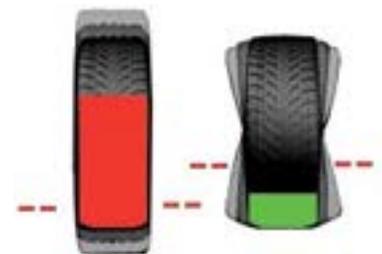
Balancing interface at a glance



One touch to display
rim dimensions



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

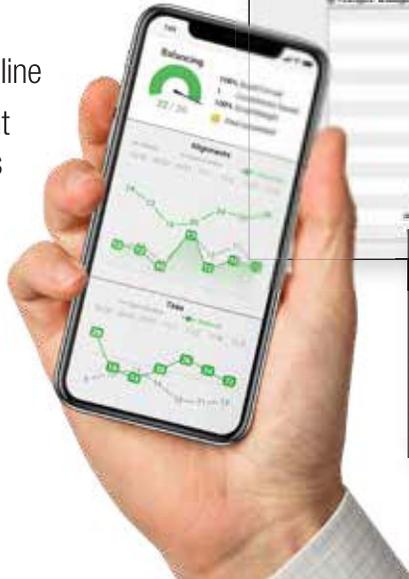


SmartWeight® panel displays
wheel balance condition

Concise information for your business!



- ✓ 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	15	2.30%	43	2.87%
10.00	152	17.83%	194	12.96%
15.00	123	15.43%	246	16.43%
20.00	96	12.26%	208	13.79%
25.00	75	9.58%	170	11.36%
30.00	82	9.87%	137	9.15%
35.00	56	6.92%	113	7.55%
40.00	31	3.92%	132	8.82%
45.00	18	2.27%	112	7.49%
50.00	14	1.75%	87	5.81%
55.00	21	2.64%	87	5.81%
Part Count Total	628		1487	
Weight Amount Total	14765		33847	

History

Date/Time	Balance Type	Qty
8/4/2021 5:46:53 PM	Balance Only	15 g
8/4/2021 5:49:22 PM	Balance Only	
8/4/2021 5:48:55 PM	Balance Only	
8/4/2021 5:49:13 PM	Balance Only	
8/4/2021 5:47:12 PM	Balance Only	
8/4/2021 5:44:47 PM	Balance Only	
8/4/2021 5:40:22 PM	Balance Only	

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



Popular equipment upgrades

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 shelf kit*

- ✓ Print balance results
- ✓ Win more approvals with clear and informative printouts



* Printer obtained locally



Specifications



SWE00E shown with optional equipment

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.

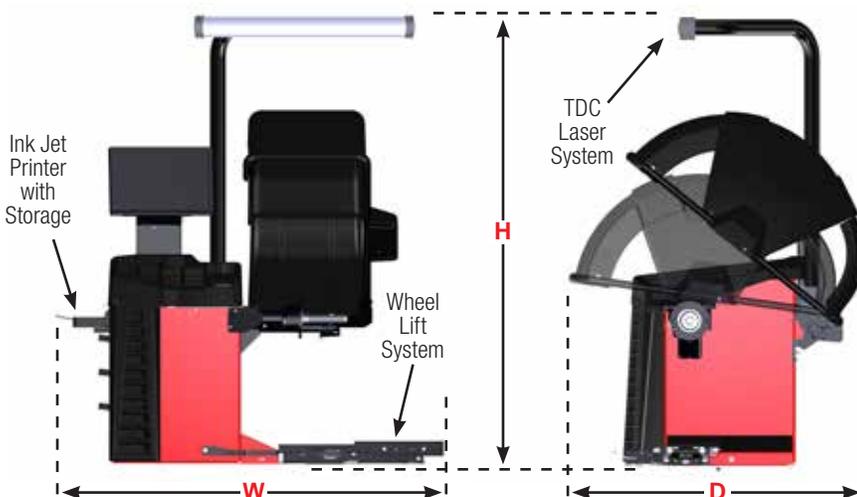
** Only for wheel lift and SpeedClamp® models.

Models

	SWE20E	SWE00E
SpeedClamp® System	✓	
Width (W)	57 in 1448 mm	57 in 1448 mm
Height (H)	71 in 1804 mm	71 in 1804 mm
Depth (D)	63.5 in 1613 mm	63.5 in 1613 mm
Weight	371 lb 169 kg	371 lb 169 kg

Optional equipment

- 20-3062-1** Basic collet kit
- 20-3765-1** HammerHead® top-dead-center laser
- 20-3101-1** Wheel lift
- 20-3159-1** BullsEye Collet Carrier
- 20-2711-1** Ten Piece Bullseye Collet kit
- 76-574-2** Ergonomic QuickNut
- 20-1839-1** Flange plate



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

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