

# **SmartWeight Touch<sup>®</sup>**

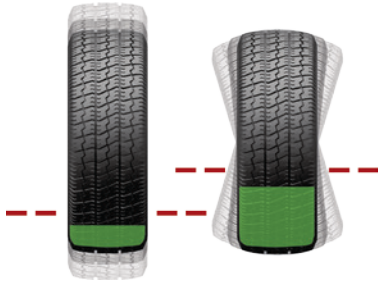
***High-capacity balancer with unmatched features***



# Key features at a glance

**PATENTED**

## SmartWeight® technology



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

**STANDARD**

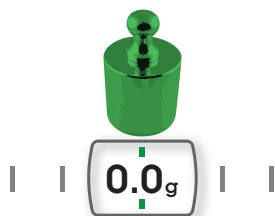
## Touchscreen interface



- ✓ Intuitive design
- ✓ Quickly trains new technicians

**PATENTED**

## eCal Auto-Calibration



- ✓ True “self-calibration”
- ✓ No operator input required







SWT00E shown with optional BullsEye® collets and Hammerhead® Top-Dead-Center Laser



#### EXCLUSIVE

### HammerHead® top-dead-center laser option

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

#### EXCLUSIVE

### On-demand videos



- ✓ Simplifies training
- ✓ Improves results

#### STANDARD

### Bottom-dead-center laser



- ✓ Speeds tape-weight placement
- ✓ Improves accuracy

#### PATENTED

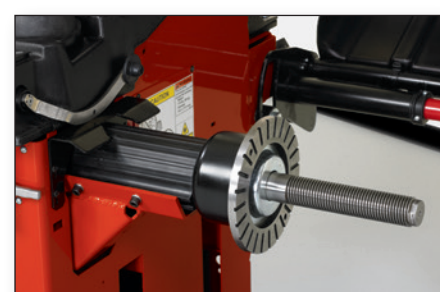
### CenteringCheck®



- ✓ Ensures proper centering
- ✓ Eliminates setup errors

#### EXCLUSIVE

### Superior alloy shaft



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

EXCLUSIVE

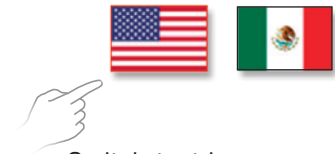
# Intuitive touchscreen simplifies experience



Touching weight value servos wheel to weight location

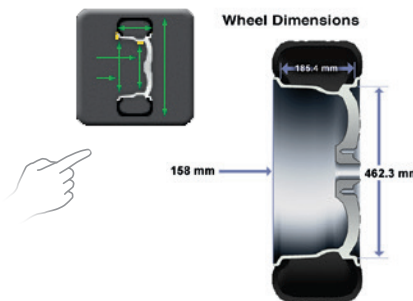


Rim cutaway displays selected weight mode

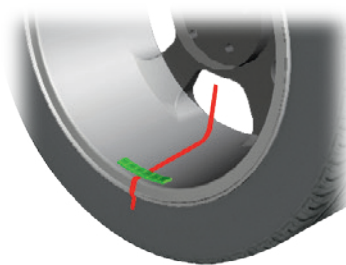


Switch text language with the push of a button

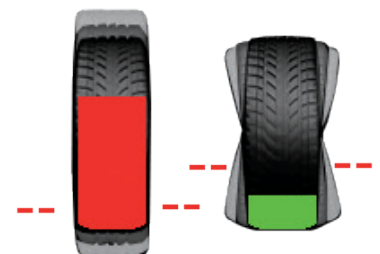
## Balancing interface at a glance



One touch to display rim dimensions



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



SmartWeight® panel displays wheel balance condition

# Revolutionary SmartWeight® by the numbers

4

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

25

SmartWeight® saves **25 labor hours** per year with efficient weight applications.\*

30

SmartWeight® can save **30%** or more in correction weights.

66

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

202.1

An average shop saves **202.1 kilograms** per year with SmartWeight®.\*\*\*

PATENTED

## SmartWeight® Balancing Technology



- ✓ Minimizes weight usage
- ✓ Maximizes productivity
- ✓ Reduces comebacks

## Watch your investment grow!

SmartWeight Savings			
Lifetime Savings			
Material Savings		Labor Savings	
Grams	123709.7	Minutes	9038.0
Kilograms	1237.7	Hours	150.6
Boxes (mixed)	1283.7		
Savings	€ 10 085.52	Savings	€ 2 044.34
Total			€ 12 123.37
Material Savings per Spin			
Grams	22.1	Seconds	8.6
Savings	€ 0.18	Savings	€ 0.03

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

\* Time-savings are calculated from comparing single- and no-weight applications when using SmartWeight® versus the typical two-weight application of standard balancers.

\*\* Comeback avoidance is calculated based on residual static imbalance left by standard balancers versus SmartWeight® balancers.

\*\*\* Calculations based on 10 vehicles per day in a standard working year. Performance differences are those of a SmartWeight®-equipped balancer versus a traditional wheel balancer.



# Exclusive features make balancing faster and easier



Technicians are guided with helpful tips and time-saving procedures.

## EXCLUSIVE

### On-Screen Instruction

- ✓ High-definition videos provide instruction on a variety of balancing and tire changing topics.
- ✓ Covers basic techniques to more advanced procedures
- ✓ Instant access, easy navigation
- ✓ On-site training for your technicians



## PATENTED

### Automatic Mode Detection

Eliminate the need to select the balance mode and reduce service time and possible mode entry errors.

**No need to push buttons**



## EXCLUSIVE

### Live 3D graphics

Interactive display intuitively guides technicians through balancing procedures.

**Decreases training time**

# Popular equipment upgrades



## Wheel lift option

- ✓ Safely service heavy, oversized wheels
- ✓ Precisely center all wheels



## SpeedClamp® option

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



**PATENTED**

## HammerHead® top-dead-center laser option

- ✓ 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 SmartWeight® results
- ✓ Show your customers their results



## BullsEye® centering system

- ✓ Optimize centering
- ✓ Prevent wheel damage

\* Printer model may vary.

# Specifications



**SWT20E** shown with optional printer kit and storage shelf

## Power requirements

196-253V, 10 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)

## Air supply requirements

7-12 bar (100-175 psi)\*

## Capacity

Rim width	38 mm to 521 mm (1.5 in. to 20.5 in.)**
Rim diameter	254 mm to 762 mm (10 in. to 30 in.)**
ALU	356 mm to 1016 mm (14 in. to 40 in.)**
Max. tire diameter	1118 mm (44 in.)
Max. tire width	508 mm (20 in.)
Max. tire weight	79 kg (175 lbs.)
Imbalance resolution	± 0.28 g (0.01 oz)
Placement accuracy	512 positions, ± 0.35°
Balancing speed	300 rpm

## Motor

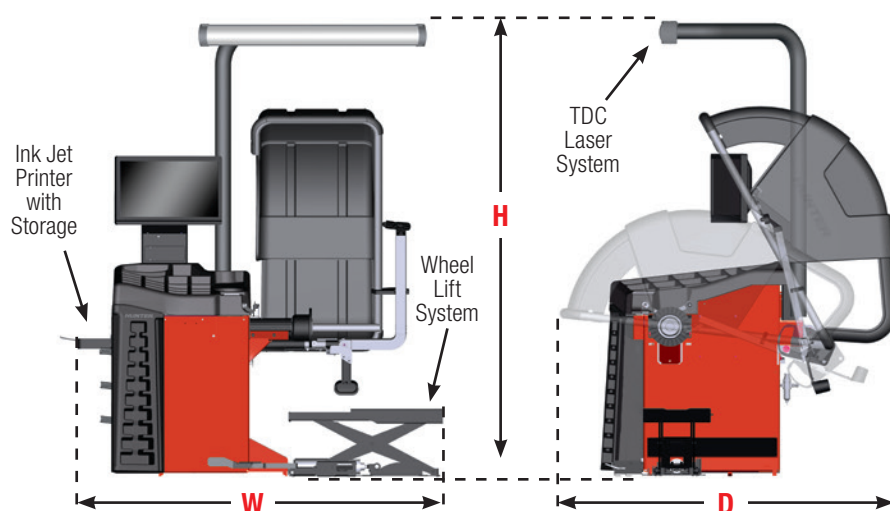
Programmable drive system and DC motor

\* Wheel lift and SpeedClamp® models only.

\*\* Extreme wheel sizes may require manual data entry.

# Models

	SWT30E	SWT20E	SWT10E	SWT00E
Wheel lift system	✓		✓	
SpeedClamp® system	✓	✓		
Threaded shaft with wing nut			✓	✓
Top-dead-center laser system	OPTIONAL			
Printer with storage shelf	OPTIONAL			
Width (W)	1702 mm (67 in.)	1435 mm (56.5 in.)	1702 mm (67 in.)	1435 mm (56.5 in.)
Height (H)	1854 mm (73 in.)	1854 mm (73 in.)	1854 mm (73 in.)	1854 mm (73 in.)
Depth (D)	1575 mm (62 in.)	1575 mm (62 in.)	1575 mm (62 in.)	1575 mm (62 in.)
Weight	299 kg (658 lbs.)	219 kg (482 lbs.)	263 kg (580 lbs.)	217 kg (479 lbs.)



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

*SmartWeight Touch, SmartWeight, BullsEye, HammerHead, SpeedClamp, CenteringCheck, TPMSpecs and TruWeight are registered trademarks of Hunter Engineering Company.*

**HUNTER**  
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