SmartWeight Touch®
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
EXCLUSIVE
HammerHead® option

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

EXCLUSIVE
TPMSpecs®

- View reset procedures
- Updateable database
- Produce hardcopy pages with optional printer

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

**SWT02** shown with optional BullsEye® collets and barcode scanner
**Intuitive touchscreen simplifies experience**

- **0.75oz**
  - 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

PATENTED
SmartWeight® Balancing Technology

- Minimizes weight usage
- Maximizes productivity
- Reduces comebacks

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

9 states have banned lead correction weights, other states will follow.

What this means for you at 10 vehicles per day...

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

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

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

* 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 vs. a traditional wheel balancer.
Exclusive features make balancing faster and easier

EXCLUSIVE

Vehicle database with TPMSpecs®
- Displays proper mounting adaptors
- Presents 100+ TPMS reset procedures in a simple comprehensive, user-friendly way
- Present TPMS info through any internet-connected shop computer

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

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

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

BullsEye® centering system
- Optimize centering
- Prevent wheel damage

SpeedClamp®
- Clamp wheels automatically
- Save time and effort
- Eliminate wingnut

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 TPMSpecs® procedures
- Print SmartWeight® results
- Show your customers their results

*Printer model may vary.
### Specifications

**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)

**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

---

### Models

<table>
<thead>
<tr>
<th>Models</th>
<th>SWT33</th>
<th>SWT32</th>
<th>SWT31</th>
<th>SWT30</th>
<th>SWT23</th>
<th>SWT22</th>
<th>SWT20</th>
<th>SWT13</th>
<th>SWT12</th>
<th>SWT11</th>
<th>SWT10</th>
<th>SWT03</th>
<th>SWT02</th>
<th>SWT01</th>
<th>SWT00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Lift System</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SpeedClamp® System</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>TDC Laser System</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ink Jet Printer w/ Storage</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Width (W)</td>
<td>73 in 1854 mm</td>
<td>67 in 1702 mm</td>
<td>73 in 1854 mm</td>
<td>67 in 1702 mm</td>
<td>65 in 1651 mm</td>
<td>58 in 1473 mm</td>
<td>65 in 1651 mm</td>
<td>56.5 in 1435 mm</td>
<td>73 in 1854 mm</td>
<td>67 in 1702 mm</td>
<td>67 in 1702 mm</td>
<td>65 in 1651 mm</td>
<td>65 in 1651 mm</td>
<td>56.5 in 1435 mm</td>
<td>65 in 1651 mm</td>
</tr>
<tr>
<td>Height (H)</td>
<td>89 in 2261 mm</td>
<td>89 in 2261 mm</td>
<td>73 in 1854 mm</td>
<td>67 in 1702 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
</tr>
<tr>
<td>Depth (D)</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
<td>62 in 1575 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>761 lb 345 kg</td>
<td>706 lb 321 kg</td>
<td>711 lb 323 kg</td>
<td>711 lb 323 kg</td>
<td>658 lb 299 kg</td>
<td>585 lb 265 kg</td>
<td>532 lb 241 kg</td>
<td>535 lb 243 kg</td>
<td>482 lb 219 kg</td>
<td>683 lb 319 kg</td>
<td>630 lb 286 kg</td>
<td>633 lb 287 kg</td>
<td>580 lb 264 kg</td>
<td>582 lb 264 kg</td>
<td>529 lb 241 kg</td>
</tr>
</tbody>
</table>

*Wheel lift and SpeedClamp® models only.

**Extreme wheel sizes may require manual data entry.

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.