Road Force Touch® GSP9700
The world’s #1 diagnostic balancer
Road Force Touch® at a glance

**Now With More Speed!**

- Perform a Road Force® test and balance faster than a traditional balancer!

**Touchscreen Interface**

- Intuitive interface
- Quickly train new technicians

**Patented eCal Auto-Calibration**

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

Shown with options
<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Road Force Touch</strong></td>
<td></td>
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</tbody>
</table>
| Diagnostic Load Roller  | - Solves vibration problems  
                        | - Identifies vehicle pulls  
                        | - Provides “new car ride” |
| SmartWeight®            | - Improve balance  
                        | - Minimizes weight usage  
                        | - Maximizes productivity |
| SmartWeight®            |                                                                             |
| Auto-Up Hood*           | - Saves time  
                        | - Speeds operations |
| On-Demand Videos        | - Simplify training  
                        | - Improve results |
| CenteringCheck®         | - Ensures proper centering  
                        | - Eliminates setup errors |
| BullsEye® Centering System | - Optimize centering  
                        | - Prevent wheel damage |

* Patent pending
Road Force® test and balance FASTER than a traditional balance

Measure Road Force® on every customer wheel WITHOUT A TIME PENALTY!

Road Force Touch® Balance

Road Force Touch® balance starts when hood is lowered

Load roller measures Road Force® while technician prepares correction weights

Traditional Balance

Balance starts when hood is lowered

Technician prepares correction weights
Hood raises automatically for technician to install weights and perform check-spin.

Technician manually raises hood, installs weights and performs check-spin.

Road Force Test and Balance

- Wheel is balanced
- Wheel is also verified to roll smooth

Balance

- Wheel is balanced
Intuitive touchscreen simplifies balance 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
Road Force Measurement® interface at a glance

Low spot on rim is identified
Simple graphics illustrate how to optimize assembly
See predicted improvement in one glance and how to do it

Road Force panel displays assembly value and limits
Helpful animation explains conditions

Live rim and tire conditions shown on-screen

Color-coding allows operator to visualize Road Force variations
Road Force Measurement® solves common vibration

**Problem / Solution**

**What It Does**

- OE technical service bulletins recommend the Road Force Touch® balancer as the vibration solution
- The Road Force Touch® balancer identifies the tire and rim contributions to radial-force vibration problems

**How It Works**

**Your customer complains about a vibration...**

- An unknown force vibrates the spindle
- Vibration is transferred from the wheel, through the spindle to the customer

**A simulated road test pinpoints the problem**

- Specialized sensors detect the vibration
- The Road Force Touch® balancer detects radial forces with sensitive instruments

**Up to 1,250 lbs. of force**

**SIMULATED ROAD TEST LOCATES STIFFEST POINT ON TIRE**

**DATASET ARMS LOCATE LOW SPOT ON RIM**
Hold the tire and rotate the rim
Match-mounting the stiffest point on a tire to the low spot on a rim makes the assembly roll as round as possible

Your customer leaves with a “new car ride”!
✔ Your customer experiences a smooth ride on the same tires and wheels

Match-mounting cancels the vibration
The Road Force Touch® balancer duplicates tire and rim matching methods used by OE manufacturers

Your customer leaves with a “new car ride”!
✔ Radial force variation is minimized, ensuring your customer a smooth ride
**StraightTrak® corrects tire pull**

**Tires Just Rotated?**

Customer complains about vehicle pulling to the left.

**Measure Lateral Force to Identify Pull**

Tire conicity can ONLY be measured accurately when the tire is under load.

**StraightTrak® Delivers the Ultimate in Customer Satisfaction**

Hunter suggests optimal wheel placement just like OE manufacturers.

**Mysterious Left Pull**

12 lbs.

**Pull Identified**

8 lbs.

2 lbs.

3 lbs.

**Pull Eliminated**

12 lbs.

8 lbs.

2 lbs.

3 lbs.

* Patent pending
Revolutionary SmartWeight® by the numbers

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

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

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.***

* Timesavings 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.

✔ Minimizes weight usage
✔ Maximizes productivity
✔ Reduces comebacks

✔ See weight and labor savings based on your shop’s numbers

SmartWeight Balancing Technology

Lead-Free Initiative Growing

✔ 9 states ban lead weights
✔ 3 states pending legislation
✔ 3 states with governmental actions underway

Watch Your Savings Grow!

✔ Minimizes weight usage
✔ Maximizes productivity
✔ Reduces comebacks

✔ Minimizes weight usage
✔ Maximizes productivity
✔ Reduces comebacks
Bring concise information to your business!

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

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

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

On-screen instruction makes everyone an expert!
High-definition videos instruct 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 timesaving procedures.
Additional features make balancing faster and easier

- **Live 3D graphics**
- **Bottom-dead-center laser and wheel light**
- **Most durable shaft in the industry**
- **Integrated Inflation Station**
- **Servo Stop drive control**
  Automatically rotates and holds wheel at top-dead-center or bottom-dead-center weight locations.
- **TranzSaver™**
  Compares tire circumferences as specified by OEs to prevent damage to AWD vehicles.

* Patent pending
**Popular equipment upgrades**

**Wheel lift**
- ✔ Safely service heavy, oversized wheels
- ✔ Precisely center all wheels

**AutoClamp**
- ✔ Clamp wheels automatically
- ✔ Save time and effort
- ✔ Eliminate wingnut

**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
- ✔ Sell and perform TPMS work properly and efficiently
- ✔ Win more approvals with clear and informative printouts

*Printer model may vary.*
**Additional accessories available**

<table>
<thead>
<tr>
<th>Adjustable Flange Plate</th>
<th>QuickNut</th>
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<tbody>
<tr>
<td><img src="image" alt="Adjustable Flange Plate" /></td>
<td><img src="image" alt="QuickNut" /></td>
</tr>
<tr>
<td>Optional flange plate kit provides quick setup for maximum coverage (20-1839-1)</td>
<td>Optional wingnut allows fast clamping to standard threaded 40mm shafts. (76-438-2)</td>
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</table>

**Small sample of popular accessories**

Hunter offers hundreds of accessories to customize your balancer to your service needs.

See Form 3203-T for more information.

Be sure to check out other Hunter literature for more quality products from Hunter Engineering.

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**GSP9700.com complimentary listing...**

- Free listing on www.GSP9700.com
- Tens of thousands of hits each year
- Customers find you

**Locate a GSP9700 Road Force® Balancer**

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**Let us advertise FOR YOU!**

**Your Shop Name**
Street Address
City, State Zip Code
Phone number

Approx. X miles from your location

[Map] [Route] [StraightTrak® Tire Pull Correction]
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)

**Roller force**
Variable up to 1,250 lbs (567 kg)

**Capacity**

<table>
<thead>
<tr>
<th>Rim width</th>
<th>1.5 in to 20.5 in (38 mm to 521 mm)</th>
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<tbody>
<tr>
<td>Rim diameter</td>
<td>10 in to 30 in (254 mm to 762 mm)*</td>
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<tr>
<td>ALU</td>
<td>14 in to 44 in (356 mm to 1118 mm)*</td>
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<tr>
<th>Max. tire diameter</th>
<th>40 in (1016 mm)</th>
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<tr>
<td>Max. tire width</td>
<td>20 in (508 mm)</td>
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<tr>
<td>Max. tire weight</td>
<td>175 lbs (79 kg)</td>
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</tbody>
</table>

**Radial and lateral 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

Models

<table>
<thead>
<tr>
<th>RFT33</th>
<th>RFT32</th>
<th>RFT31</th>
<th>RFT30</th>
<th>RFT23</th>
<th>RFT22</th>
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<th>RFT12</th>
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<th>RFT02</th>
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<tbody>
<tr>
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<td>AutoClamp® System</td>
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<td>TDC Laser System</td>
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<tr>
<td>Ink Jet Print w/Storage</td>
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| Width (W) | 73 in 1854 mm | 67 in 1702 mm | 73 in 1854 mm | 67 in 1702 mm | 65 in 1651 mm | 58 in 1473 mm | 65 in 1651 mm | 56.5 in 1435 mm | 73 in 1854 mm | 67 in 1702 mm | 65 in 1651 mm | 56.5 in 1435 mm | 65 in 1651 mm | 56.5 in 1435 mm |
| Height (H) | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm | 89 in 2261 mm |
| Depth (D) | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm | 62 in 1575 mm |
| Weight     | 974 lb 442 kg | 921 lb 418 kg | 924 lb 419 kg | 871 lb 395 kg | 842 lb 382 kg | 789 lb 358 kg | 792 lb 359 kg | 739 lb 335 kg | 899 lb 408 kg | 846 lb 384 kg | 796 lb 361 kg | 792 lb 359 kg | 844 lb 383 kg | 794 lb 360 kg |

* Extensive wheel sizes may require manual data entry.

**Road Force Touch®** model numbers are trademarks of Hunter Engineering Company.

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