Road Force® Elite
The world's fastest diagnostic balancer

NOW AVAILABLE WITH PUSH REPORTS
Road Force® Elite at a glance

**EXCLUSIVE**

Unmatched Speed!

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

**PATENTED**

Vision System

- Eliminate error opportunities
- More information in less time

**PATENTED**

Diagnostic Load Roller

- Solve vibration problems
- Identify vehicle pulls
- Provide “new car ride”
NEW PATENTED

Automatic CenteringCheck®

- Ensure proper centering
- Eliminate setup errors

PATENTED

Enhanced SmartWeight®

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

EXCLUSIVE

On-Demand Videos

- Simplify training
- Improve results

EXCLUSIVE

HunterNet®

- View balancer usage
- Track weight usage

PATENTED

eCal Auto-Calibration

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

STANDARD

Touchscreen Interface

- Intuitive interface
- Quickly train new technicians
Road Force® Elite vision technology unlocks more benefits in less time!

**Standard Balancer**

- Wheel dimensions: MANUAL
- Weight mode: MANUAL
- Spoke location
- Rim profile
- SmartWeight® optimized
- Rim runout
- Road force
- Tire pull
- Error-proof
- Forcematch prediction
- Unguided balance

**Hunter Road Force® Elite**

- Wheel dimensions: AUTOMATIC
- Weight mode: AUTOMATIC
- Spoke location: AUTOMATIC
- Rim profile: AUTOMATIC
- SmartWeight® optimized: AUTOMATIC
- Rim runout: AUTOMATIC
- Road force: AUTOMATIC
- Tire pull: AUTOMATIC
- Error-proof: AUTOMATIC
- Forcematch prediction: AUTOMATIC
- Guided 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
- Calculates force-match solution

Rim profiled
AUTOMATIC
- Creates three-dimensional model of the rim

Reduce operator error
✓ Automatically measures wheel dimensions
✓ Automatically selects weight mode
✓ Automatically measures rim runout
Road Force® Elite performs up to 47% faster than previous models

GSP9712
(Generations 1 and 2)
Up to 22 years old

GSP9722
(Generation 3)
Up to 14 years old

Road Force Touch
(Generation 4)
Up to 8 years old

Road Force® Elite
(Generation 5)
Up to 4 years old

Balance and measure road force

3:31
3:31
1:40
1:40
1:15
1:51

Balance and repair road force

47% improvement!

19% improvement!
Improving technician performance

Automatic CenteringCheck® reduces setup errors
Miscentering during wheel balancing procedures is the number one cause of improper balancing and customer comebacks. Automatic CenteringCheck® always monitors wheel centering to reduce setup errors.
- Automatically monitors centering
- Notifies technician of setup errors
- Reduces customer comebacks

Balancer Report Card optimizes weight placement
Balancer Report Card scans the wheel and determines where the technician placed the wheel weights. The balancer then scores the accuracy of placement.
- Illustrates placement errors to the technician
- Provides report to technician to enhance accuracy
- Improves balance results
A tale of two shops

OTHER shops

Tire is balanced with standard non-diagnostic balancer or older generation Road Force with the roller turned off.

QUALITY CONTROL DEPARTMENT

Since customers are performing quality control for the shop, no additional time is required.

Road Force® Elite shops

Tire is balanced in less time with Hunter’s Road Force® Elite premium diagnostic balancer.

QUALITY CONTROL DEPARTMENT

A few tires need to repositioned on the rim to guarantee a round assembly and a smooth ride. This only adds a few minutes when handled at installation.
Customers that return unhappy will require over 45 minutes of additional work that technicians are often unequipped to handle.

Majority of customers leave happy, but a small portion leave unhappy. Some return unhappy, others never return.

Because the technician tested every assembly, all customers leave happy.

Superior service differentiates Road Force® Elite shops from all other shops.
Enhanced SmartWeight®

Additional weight locations save time and money

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.

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
**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.
**Intuitive interface simplifies operation**

**Balance operation**
- Switch text language with the push of a button
- TruWeight™ provides live navigation through selection and placement of wheel weights
- One touch to display rim dimensions

**Road Force operation**
- Road Force panel displays assembly value and limits
- Live rim and tire conditions shown on-screen
- Color-coding allows operator to visualize Road Force variations

Rim cutaway displays selected weight mode

Simple graphics illustrate how to optimize assembly
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.

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

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

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
## Additional features make balancing faster and easier

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### EXCLUSIVE

- **Most durable shaft in the industry**
- **TranzSaver™**
  - Compares tire circumferences as specified by OEs to prevent damage to AWD vehicles.
  - **EXCLUSIVE TO ROAD FORCE® ELITE**
  - Balancing Push Reports
  - Allows you to view balancer usage online
  - See trends like Road Force values and wheel types being serviced
  - Track wheel weight usage and savings

### Bottom laser and wheel light

### FASTER

- **Integrated Inflation Station**
Popular equipment upgrades

Wheel lift
✓ Safely service heavy, oversized wheels
✓ Precisely center all wheels

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

Incorrect
Correct

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.
### 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**:
  - **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)
  - **Max. tire diameter**: 40 in (1016 mm)
  - **Max. tire width**: 20 in (508 mm)
  - **Max. tire weight**: 175 lbs (79 kg)
- **Radial runout accuracy**: 0.002 in (0.051 mm)
- **Displaced imbalance resolution**: ±0.05 oz (1.4 g)
- **Placement accuracy**: 512 positions, ± 0.35°
- **Balancing speed**: 300 rpm
- **Motor**: Programmable drive system and DC motor

### Models

<table>
<thead>
<tr>
<th>Model</th>
<th>RFE33</th>
<th>RFE32</th>
<th>RFE31</th>
<th>RFE30</th>
<th>RFE23</th>
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<tbody>
<tr>
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<td>SpeedClamp® System</td>
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<td>TDC Laser System</td>
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<td><strong>Dimensions</strong></td>
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<tr>
<td><strong>Width (W)</strong></td>
<td>72 in (1829 mm)</td>
<td>64 in (1626 mm)</td>
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<td><strong>Height (H)</strong></td>
<td>89 in (2261 mm)</td>
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<td><strong>Depth (D)</strong></td>
<td>63 in (1600 mm)</td>
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<tr>
<td><strong>Weight</strong></td>
<td>974 lb (442 kg)</td>
<td>921 lb (418 kg)</td>
<td>924 lb (419 kg)</td>
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*Road Force Touch® model numbers are trademarks of Hunter Engineering Company.*

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