Road Force Touch® GSP9700

The World's #1 Diagnostic Balancer

HUNTER Engineering Company

Road Force Touch® at a glance

EXCLUSIVE

Now With More Speed!

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

STANDARD

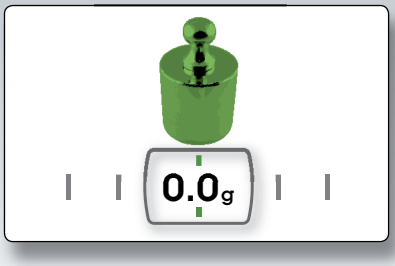
Touchscreen Interface

✓ Intuitive interface

✓ Quickly train new technicians

PATENTED

eCal Auto-Calibration



✓ True “self-calibration”

✓ No operator input required

Shown with options

PATENTED

Diagnostic Load Roller

- ✓ Solves vibration problems
- ✓ Identifies vehicle pulls
- ✓ Provides “new car ride”

PATENTED

SmartWeight®

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

STANDARD

Auto-Up Hood*

- ✓ Saves time
- ✓ Speeds operations

EXCLUSIVE

On-Demand Videos

- ✓ Simplify training
- ✓ Improve results

PATENTED

CenteringCheck®

- ✓ Ensures proper centering
- ✓ Eliminates setup errors

STANDARD

BullsEye® Centering System

- ✓ Optimize centering
- ✓ Prevent wheel damage

** Patent pending*

Road Force® test and balance FASTER than a traditio

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

nal balancer

Road Force Test and Balance

Hood raises automatically for technician to install weights and perform check-spin

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

Balance

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

- ✓ Wheel is balanced

EXCLUSIVE

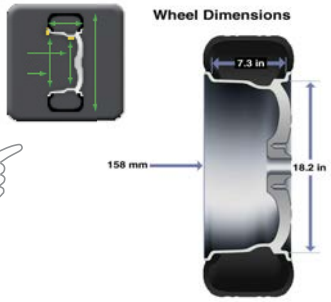
Intuitive touchscreen simplifies balance experience

Touching weight value servos wheel to weight location

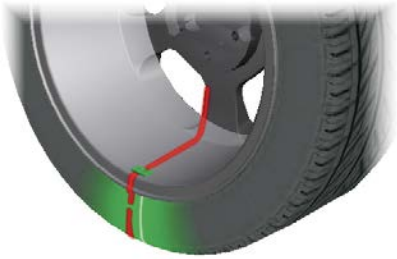
Rim cutaway displays selected weight mode

Switch text language with the push of a button

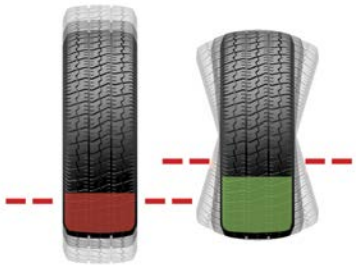
Balancing interface at a glance



One touch to display rim dimensions

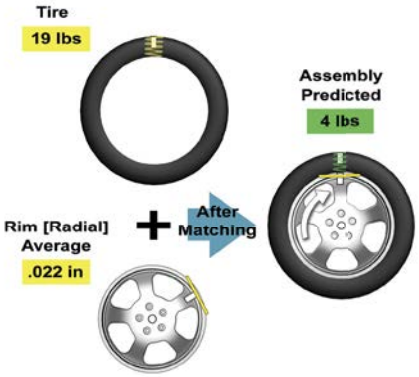


TruWeight™ provides live navigation through selection and placement of wheel weights

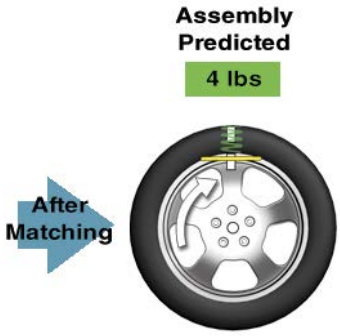


SmartWeight® panel displays wheel balance condition

Low spot on rim is identified

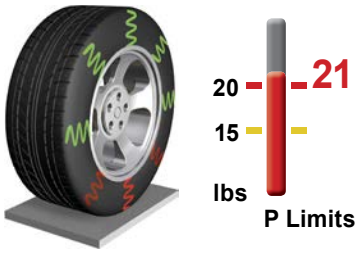


Simple graphics illustrate how to optimize assembly



See predicted improvement in one glance and how to do it

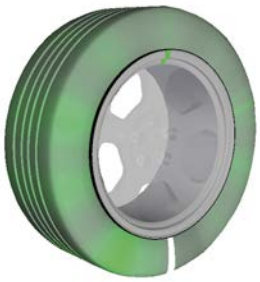
Road Force Measurement® interface at a glance



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

Your customer complains about a vibration…

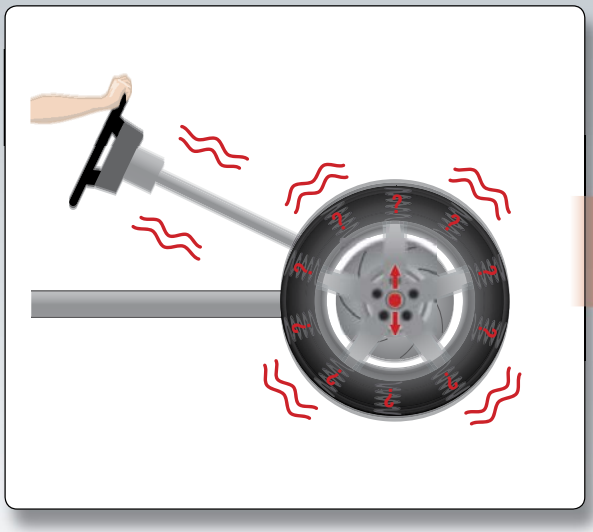
OE technical service bulletins recommend the Road Force Touch® balancer as the vibration solution

A simulated road test pinpoints the problem

The Road Force Touch balancer identifies the tire and rim contributions to radial-force vibration problems

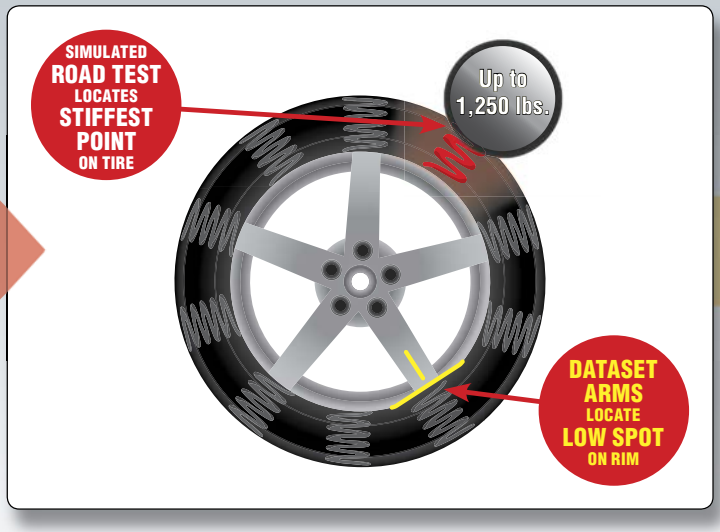
How It Works

An unknown force vibrates the spindle



Vibration is transferred from the wheel, through the spindle to the customer

Specialized sensors detect the vibration



The Road Force Touch balancer detects radial forces with sensitive instruments

problems

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

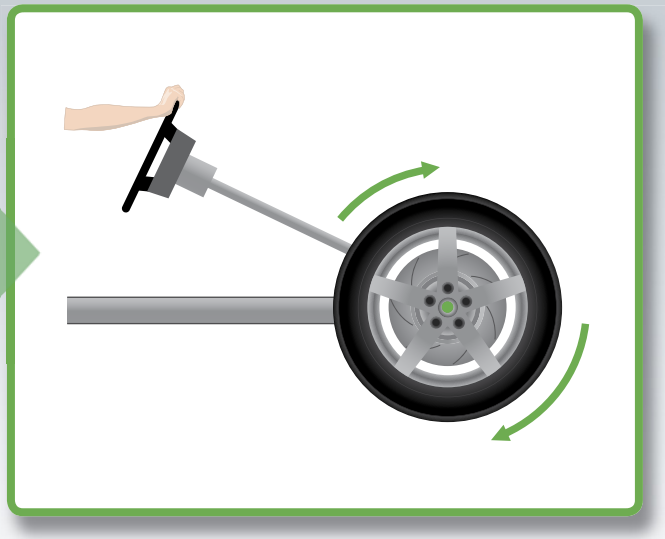
Your customer leaves with a “new car ride”!

✓ 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

PATENTED

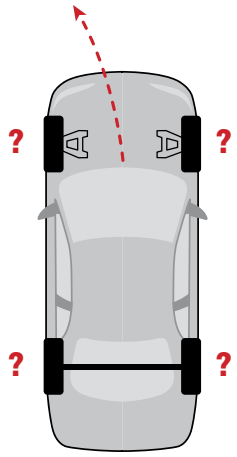
StraightTrak® corrects tire pull

NEW! Now perform individual tire pull measurements*

Tires Just Rotated?

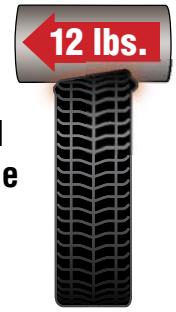
Customer complains about vehicle pulling to the left.

Mysterious Left Pull

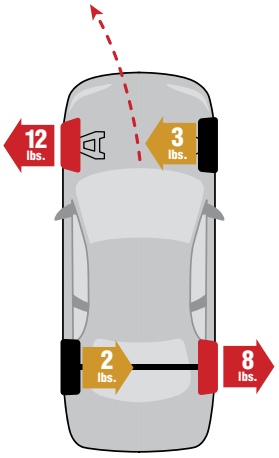


Measure Lateral Force to Identify Pull

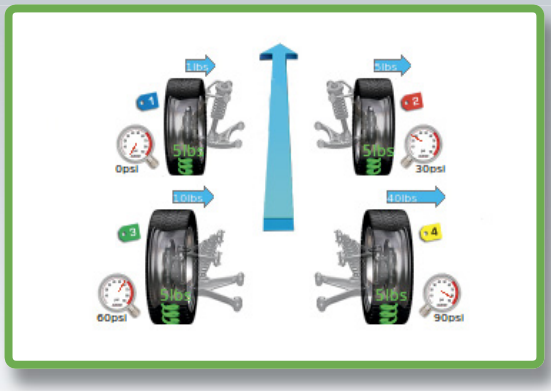
Tire conicity can <u>ONLY</u> be measured accurately when the tire is under load.



Pull Identified

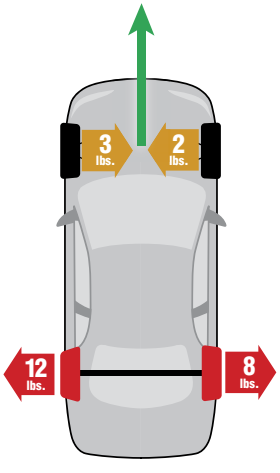


StraightTrak Delivers the Ultimate in Customer Satisfaction



Hunter suggests optimal wheel placement just like OE manufacturers.

Pull Eliminated



** Patent pending*

Revolutionary SmartWeight® by the numbers

PATENTED

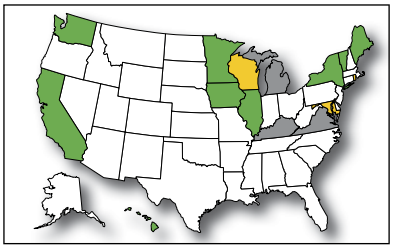
SmartWeight
Balancing Technology

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

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

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

Lead-Free Initiative Growing



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

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

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

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

Watch Your Savings Grow!

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

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

* 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.

EXCLUSIVE

Bring concise information to your business!

TPMSpecs

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)

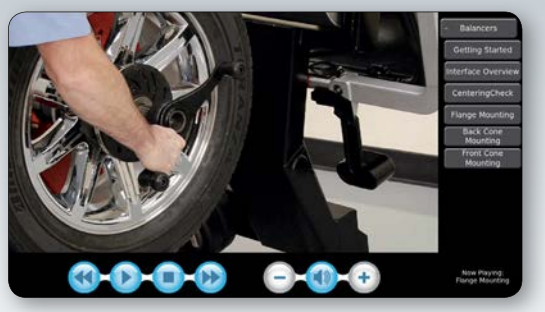
TPMS info can be presented through any internet-connected shop computer!

EXCLUSIVE

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



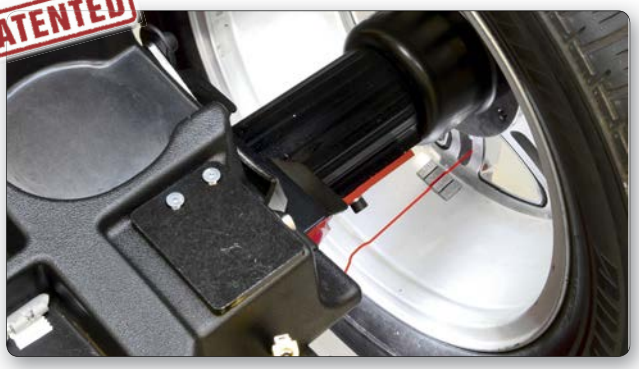
Technicians are guided with helpful tips and timesaving procedures.

Additional features make balancing faster and easier

EXCLUSIVE

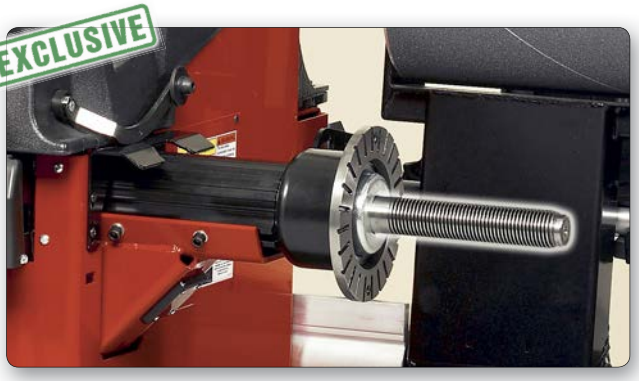
Live 3D graphics

PATENTED



Bottom-dead-center laser and wheel light

EXCLUSIVE



Most durable shaft in the industry

PATENTED

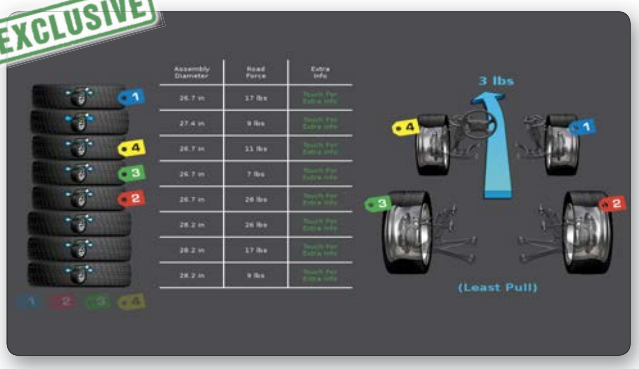
Integrated Inflation Station

PATENTED

Servo Stop drive control

Automatically rotates and holds wheel at top-dead-center or bottom-dead-center weight locations.

EXCLUSIVE



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

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

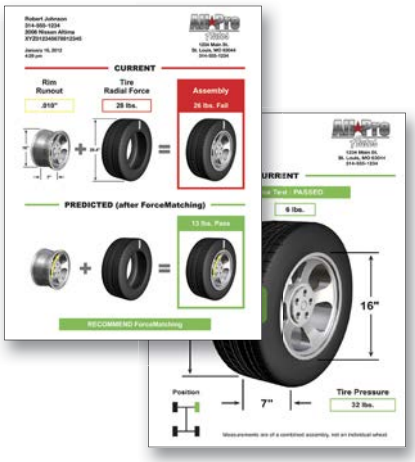
Incorrect

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.



Additional accessories available

Adjustable Flange Plate

Optional flange plate kit provides quick setup for maximum coverage (20-1839-1)

QuickNut

Optional wingnut allows fast clamping to standard threaded 40mm shafts. (76-438-2)

Small sample of popular accessories

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

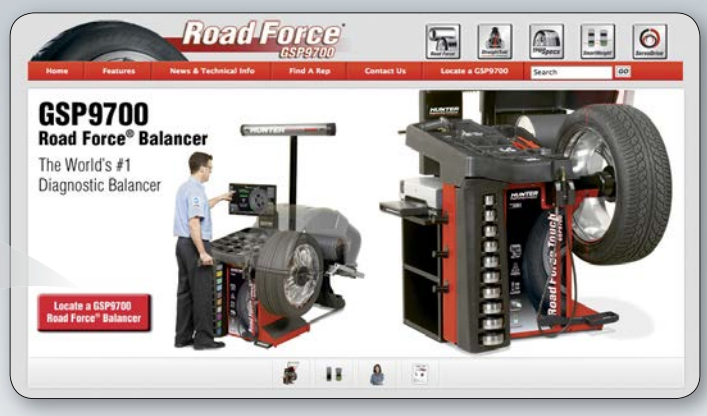
See Form 3203-T for more information.

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

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



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

RFT23™ shown

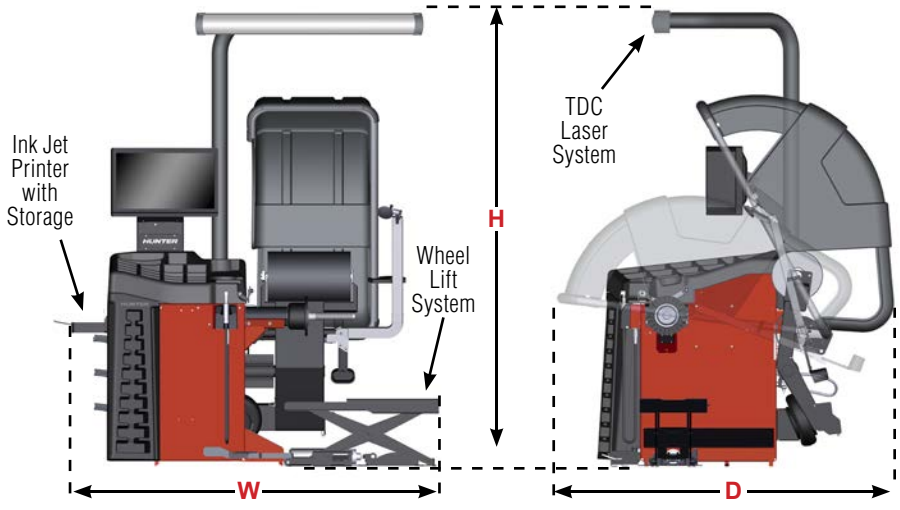
Power Requirements	196-253V, 10 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)
Air Supply Requirements	100-175 psi (7-12 bar)
Roller Force	Variable up to 1,250 lbs (567 kg)
Capacity	
Rim Width	1.5 in to 20.5 in (38 mm to 521 mm)
Rim Diameter	10 in to 30 in (254 mm to 762 mm)*
ALU	14 in to 44 in (356 mm to 1118 mm)*
Max. Tire Diameter	40 in (1016 mm)
Max. Tire Width	20 in (508 mm)
Max. Tire Weight	175 lbs (79 kg)
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

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

Models**

	RFT33	RFT32	RFT31	RFT30	RFT23	RFT22	RFT21	RFT20	RFT13	RFT12	RFT11	RFT10	RFT03	RFT02	RFT01	RFT00
Wheel Lift System	✓	✓	✓	✓					✓	✓	✓	✓				
AutoClamp® System	✓	✓	✓	✓	✓	✓	✓	✓								
TDC Laser System	✓	✓			✓	✓			✓	✓			✓	✓		
Ink Jet Print w/Storage	✓		✓		✓		✓		✓		✓		✓		✓	
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	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	73 in 1854 mm	73 in 1854 mm	89 in 2261 mm	89 in 2261 mm	73 in 1854 mm	73 in 1854 mm	89 in 2261 mm	89 in 2261 mm	73 in 1854 mm	73 in 1854 mm	89 in 2261 mm	89 in 2261 mm	73 in 1854 mm	73 in 1854 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	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	849 lb 385 kg	796 lb 361 kg	844 lb 383 kg	792 lb 359 kg	794 lb 360 kg	741 lb 336 kg

*** 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.

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Supersedes 4159-T, 04/15