



**STERLING**  
TRUCKS

## Sterling TufTrac<sup>®</sup> Vocational Suspensions

**TufTrac:** proven off-road performance

TufTrac—Sterling's job-proven high-performance vocational suspension—was designed specifically for on/off road **high articulation operations** where it's important to traverse bumps, ridges and washboard without "bottoming out," even during "crisscross" articulation.

**TufTrac 2-Stage:** improved unladen ride

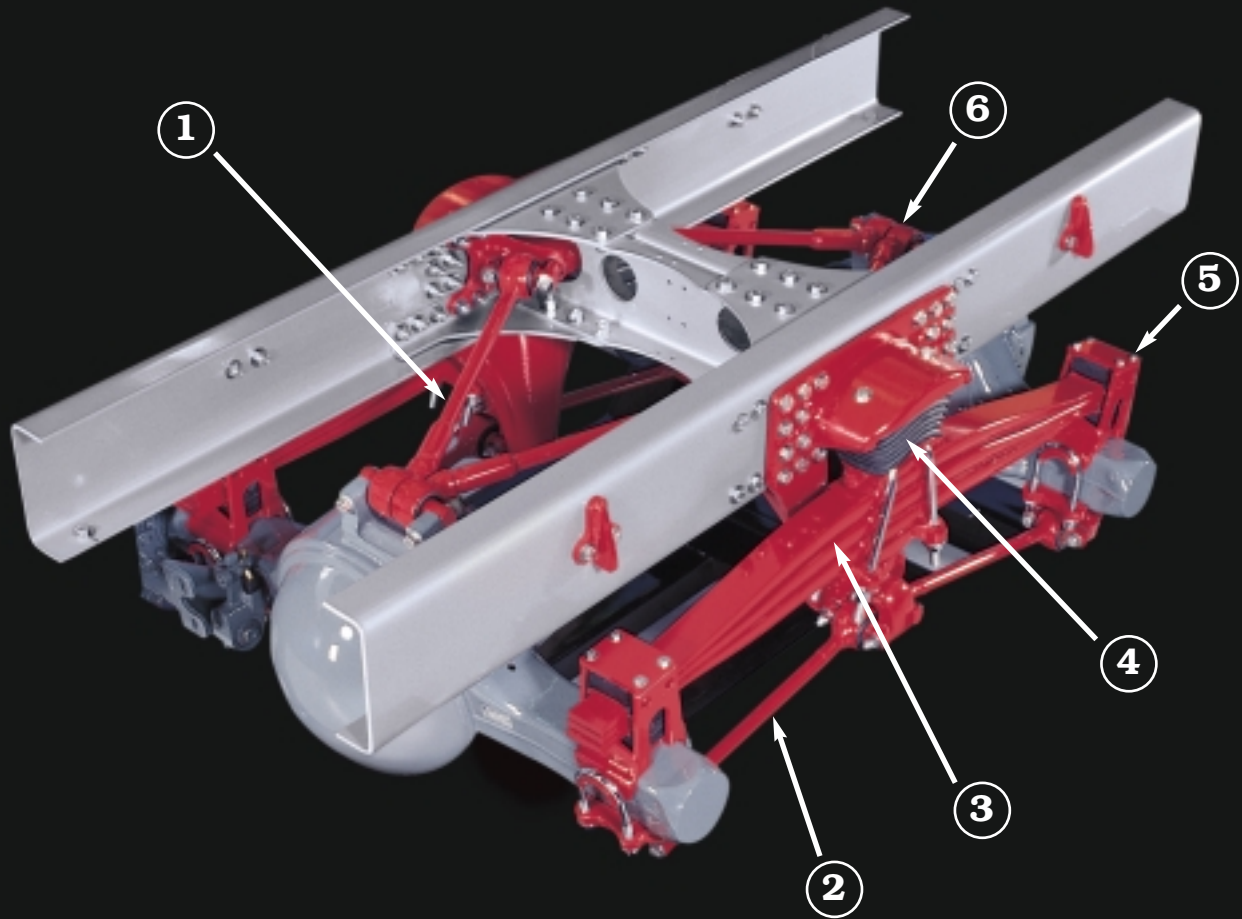
The new Sterling TufTrac 2-Stage provides all of the high-performance features of the standard TufTrac, but also provides **an improved unladen ride** (by up to 30%)—via the use of a 2-stage center bearing with a soft spring rate.

TufTrac 2-Stage is well suited for **trucks that often operate in an unloaded state**...such as refuse, construction, logging and mining.

### **Uniform wheel loading during articulation**

Whether your truck is loaded or unloaded, the unique design of TufTrac and TufTrac 2-Stage allows them to maintain a **uniform load over each wheel** as the suspension articulates.

By maintaining an even load over each wheel, both TufTrac models retain maximum traction, giving you the confidence to **cross even the roughest job site**.



### *TufTrac 2-Stage*

1. V-Rods
2. Fore-Aft Torque Rods
3. Parabolic Taper-Leaf Springs
4. Rubber Elastomer Center Pivot
5. Rubber Elastomer Spring Isolators
6. Rubber Elastomer Control Rod Joints



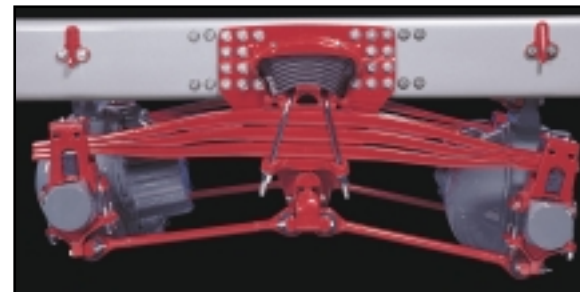
TufTrac 2-Stage Center Pivot (unladen). The hollows in the rubber pivot provide a smoother unladen ride.

# TufTrac® Suspension Specifications

Model	Static Rating (lbs.)	Site Travel Rating (lbs.)	Axle Spacing (inches)	Spring Leaves (number of)	Ride Height (inches)	Articulation (inches)	
						Axle to Axle	Across
TufTrac 40,000	40,000	46,000	54 Std.	2	7.8 Low	5.8	13
					8.8 Std.	7.8	13
					9.8 High	9.8	13
TufTrac 2-Stage 40,000	40,000	46,000	54 Std.	2	8.8 Std.	7.8	13
					9.8 High	9.8	13
TufTrac 46,000	46,000	60,000	56 Std.	3	9.9 Low	9.8	13
			60 Opt.		10.9 Std.	11.8	13
TufTrac 2-Stage 46,000	46,000	60,000	56 Std.	3	10.9 Std.	11.8	13
			60 Opt.				
TufTrac 52,000	52,000	65,000	56 Std. 60 Opt.	4	12.3 Std.	14.7	13

Versatile TufTrac and TufTrac 2-Stage suspensions are designed to serve a number of vocations including refuse, construction, asphalt spreader, heavy haul, mining, logging, oil field service and line haul. The inherent stability of the design provides an excellent platform for high center of gravity applications. Additionally, they also feature:

- **Maintenance-free design**—all moving joints are contained in rubber elastomer bushings that require no periodic adjustments or lubrication.
- **Maximum ground clearance**—both models are designed with minimal protrusions below the axles to avoid hanging-up on rocks and ruts. Even the center pivot is raised out of the way.
- **Exceptionally quiet operation**—by isolating the moving joints in rubber elastomer bushings, TufTrac and TufTrac 2-Stage also provide one of the quietest rides among vocational suspensions.
- **Spectacular ride**—most vocational spring suspensions use springs designed to carry heavy loads that have an extremely harsh ride when the vehicle is unloaded. The same is true of suspensions using rubber load cushions. TufTrac's combination of rubber-isolated pivot points and parabolic taper-leaf springs ensures a smooth ride, whether loaded or unloaded, minimizing wear and tear on both truck and driver. TufTrac 2-Stage provides an even better unladed ride (up to 30%) via the use of a 2-stage center bearing with a soft spring rate.
- **Protected brake chambers**—on many trucks, the brake chambers are positioned in an exposed area behind the axles, leaving them vulnerable to damage from impacts with piled-up materials or machinery such as asphalt spreaders. Both TufTrac models allow the brake chambers to be mounted ahead of the axles, out of harm's way.



*You'll like the way we work.™*



For the Sterling Dealer nearest you, call 1-800-STL-HELP

[www.sterlingtrucks.com](http://www.sterlingtrucks.com)

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