



The Fontaine® *Revolution*® Advantage

Revolutionary weight savings—Lightest in their class!

- Revolution 52 all-aluminum tandem flatbed: **8,348 lbs**
- Revolution all-aluminum stepdeck: **8,600 lbs**

Revolutionary payloads—Biggest payloads in their class!

- Revolution 60 all-aluminum tridem: concentrated load capacity **60,000 lbs in 4 ft**
- Revolution all-aluminum stepdeck: concentrated load capacity **50,000 lbs in 4 ft**

The floor is a continuous span of connected crossmembers providing superior strength, durability and structural integrity.



Patented FST™ floor and siderail made possible by advanced aerospace technology is stronger and lighter

Revolutionary design

- The Fontaine FST™ (Friction Stir Technology) floor developed by Fontaine Floor Technologies brings advanced aerospace technology down to earth. Conventional MIG welds maintain about 74% of the composite strength of the material while FST™ maintains 92%. The joints are 24% stronger, cleaner and lighter since there is no welding rod weight, mess or splatter
- The unitized construction maintains trailer geometry under load and under centrifugal force for better handling, reduced tire wear and improved fuel economy
- Simpler design assembles with about **1,500 parts** compared to **3,700 parts** for standard trailers

Revolutionary siderail

- Single-piece, RASR siderail is a routed aluminum extrusion with no welded pipe spools or rub rails
- Patented design is lighter and significantly **stronger than steel** side rails

Revolutionary tire life—Up to 30% longer tire life!

- Unitized design maintains superior straight-line tracking down the road to extend tire life
- Tandem tires lasted **240K miles** in road tests (compared to typical tire life of 140K)
- Super single tires lasted **120K miles** in road tests (compared to typical super single tire life of 80K)

Revolutionary driver convenience

- Drivers really appreciate the superior handling and comfortable ride thanks to the unitized design
- Chain tie downs and chocks can be positioned anywhere on trailer deck
- Patented retention devices make strap securement and tarping quick, easy and convenient

Revolutionary safety

- Unitized design virtually eliminates “side bow”—even in spread axle applications to help prevent rollover situations
- Patented design virtually **eliminates shifting and loosening of secured loads**

Chain tie-downs are **EASY** to use and **STRONG**. Slide them into place with ease, and then stow them away in an optional tool box rack.



Up to 30% longer tire life
Up to 3% better fuel economy



Revolutionary lighting and electrical system

- Fontaine’s patent pending signature lighting system by Grote is a simpler design with **60% fewer connections** for superior reliability
- Wiring harness positioned under center of trailer to shield it from tire spray and inclement weather
- LED lights protected by recessed design of aluminum tail skirt, harness and connections protected by bolt-on cover plates
- **Comprehensive 10 year warranty on entire lighting system**

Revolutionary Fuel Savings—Up to 3% better fuel economy!

- Lighter weight, improved aerodynamics and superior straight-line tracking reduce road friction for better fuel economy
- Real world, driver documented fuel savings (amount varies depending on application and conditions)

It’s a Revolution... only from Fontaine!

United States Patents 7,571,953; 7,568,754 (other patents pending)

