

# Fontaine invests \$Millions to give you a lock on safety and performance

The Fontaine® Fifth Wheel R&D Center is the largest, best equipped laboratory in the world focused exclusively on fifth wheel technology. Here, a talented team of engineers gathers and analyzes scientific data to develop the fifth wheels of the future. The investment has paid off big for our customers with design and engineering breakthroughs that deliver real safety and performance advantages—only available from Fontaine.

## SAFETY ADVANTAGES.

Safety innovations from Fontaine include a patented safety trigger that eliminates the dangers of high-hitching and false coupling. This proven technology protects people from injury and saves an untold amount of money in personal injury and property damage. Another important safety advantage is the patented secondary lock which can only be released by pulling the handle.

## PERFORMANCE ADVANTAGES.

One of the main causes of premature fifth wheel wear is slack between the kingpin and the lock. No-Slack® technology solves this problem by adjusting fifth wheel slack automatically. The benefits to our customers are superior durability and reduced maintenance cost. This patented innovation totally revolutionized the industry.

## LOWEST TOTAL COST.

When you compare our safety and performance advantages with anything on the market, you will quickly understand why owner operators, fleets and OEMs trust Fontaine Fifth Wheel above all other brands. We've pioneered a lot of change in the fifth wheel industry, but one thing always remains the same: Fontaine delivers the best value at the lowest total cost.

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



*Static Load Test Frame determines vertical load rating and ultimate strength of a fifth wheel to make sure it meets EC 94/20 standards.*



*Three Axis Dynamic Test Stand (vertical, fore-and-aft, left-to-right) simulates severe fifth wheel applications providing the data we need to improve quality, dependability and safety beyond industry standards.*



*Single Axis Shaker Table applies vibration profiles to fifth wheel components. Information gathered here helps us improve durability for lock components, sensors, air cylinders, and auto lube components.*



*Lock Cycle Test Stand repeatedly opens and closes a fifth wheel locking mechanism to test for component wear and fatigue.*

## TESTING CAPABILITIES

- Life Cycle
- Ultimate Strength
- Wear
- Vibration Analysis
- Environmental
- Corrosion



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