



Dual Wheel Load Scales for Commercial Fleets

Exceeding the weight capacity of an individual tire is an out-of-service violation in the United States, and these safety regulations have been essentially unmeasurable due to the absence of a scale capable of measuring individual tire loads within dual tire configurations. This may result in private industry driving inefficient and unsafe vehicles, damaging public infrastructure and their own tires.

The [LTR788™ Dual Wheel Load Scale](#) was created for direct measurement of individual tire loading within dual-tire configurations. This scale enables commercial fleets to improve vehicle safety, fuel efficiency and tire life.



The LTR788™ Dual Wheel Load Scale has a split weighing platform for direct measurement of individual tire loading within dual-tire configurations.



Ensure compliance with FMCSA Tire Pressure and Load Standards

Tire loading and tire conditions impact braking distance, and tire failure can lead to accidents and debris on roads.

Commercial vehicle fleet operators can now identify and correct unequal weight distribution within a dual tire configuration by setting the tire air pressures to properly load both tires based off the measurements from the LTR788™ scales. Using this information, operators will be able to increase road safety, avoid many common equipment failures relating to uneven tire wear, and save money through fuel economy and decreased repair costs.

The [LTR788™ Dual Wheel Load Scale](#) features a long-lasting machined aluminum frame which reduces the overall weight to just 39 lb, making these scales easier to move for rapid deployment while the platform height of just 0.86" (22 mm) is convenient for vehicle approach and positioning. The LTR788™ is battery operated and features a solar panel which enables the batteries to maintain the charge and minimizes the need for manually charging.

Proper load distribution through load balancing increases safety by reducing issues related to uneven wear, tire blow outs and accidents involving overturned trucks. Overrated tires are not only a major safety concern, but they can also cause a cascade of costly equipment failures by putting stress on the other tires. Every mile an overrated tire goes down the road damages all other inside tires, reducing tire longevity. Fuel savings are also a major benefit of proper load distribution that equates to major cost savings through increased fuel mileage.



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