

How much money you actually lose.

Current Challenges

Face the truth!

How much money do you lose, because you don't have accurate information about the weight of the truck, the trailer, and the cargo?

Most trailers lack load control technology, and existing scales offer limited data. Without smart software, users lack quality load control information.

We prepared a table that shows estimated savings that any truck driver can get from usage of phone app and onboard computers:

Category	Savings/Revenue	Annual Impact (USD)
Logistics & Revenue	Not enough paid miles & overincreased deadhead miles	\$10,000
	Weak associated transportation & lots of driving with half-empty trailers	\$1,500 – \$3,000
Fuel & Performance	Unimproved aerodynamics	\$4,000
	No APU (Auxiliary Power Unit)	\$1,000
	Increased rolling resistance	\$500
	No fuel stop planning (and not weight-based)	\$500
	Significant truck-trailer gap	\$160

Maintenance & Compliance	Unneeded trips to certified scales	\$900
	Inopportune detection of excess cargo weight	\$600
	Reduced tire life without TPMS	\$500 – \$1,000
	No detection of improper loading	\$100
Safety & Risk	Unsafe load distribution (increases accident risk)	Life is priceless
TOTAL MONEY LOSS	Total Estimated Value Per Truck	\$19,760 – \$21,760

Below you will find a list of successful measurements that our app can make:

1. Front axle weight(lbs)
2. Drive axle weight(lbs)
3. Trailer tandem weights(lbs)
4. Cargo weight in trailer
5. Total truck and trailer weight in cargo
6. Distance from trailer kingpin to cargo center of mass when tandems are in forward position.
7. Distance from cargo center of mass to center of tandems in forward position.
8. Additional load capacity without moving the fifth wheel.
9. Total truck weight when drive axles and trailer tandems are maximally loaded to 34,000 lbs without moving the fifth wheel.
10. Portion of fuel weight on drive axles.
11. Portion of fuel on front axles.
12. From axle weight when refuelling to full tanks.
13. Drive axle weight when refuelling to full tanks.
14. Trailer tandems weight when refueling to full tanks.
15. Total truck and trailer weight when refueling to full tanks.
16. Approximate gallons of diesel to fill tanks.
17. Axle weight change when moving fifth wheel to next position at current readings.

- 18.Distance for moving the fifth wheel to next position.
- 19.Truck wheelbase length.
- 20.Minimum trailer wheelbase(kingpin to tandem center during empty calibration).
- 21.Axle weight change when moving fifth wheel to next position with full tanks.
- 22.Boobtail truck weight.
- 23.Boobtail truck weight with full tanks.
- 24.Trailer weight with cargo.
- 25.Empty trailer weight.
- 26.Front portion of trailer weight resting on fifth wheel.
- 27.Maximum front trailer weight for fifth wheel without exceeding 34,000 lbs limit on drive axles.