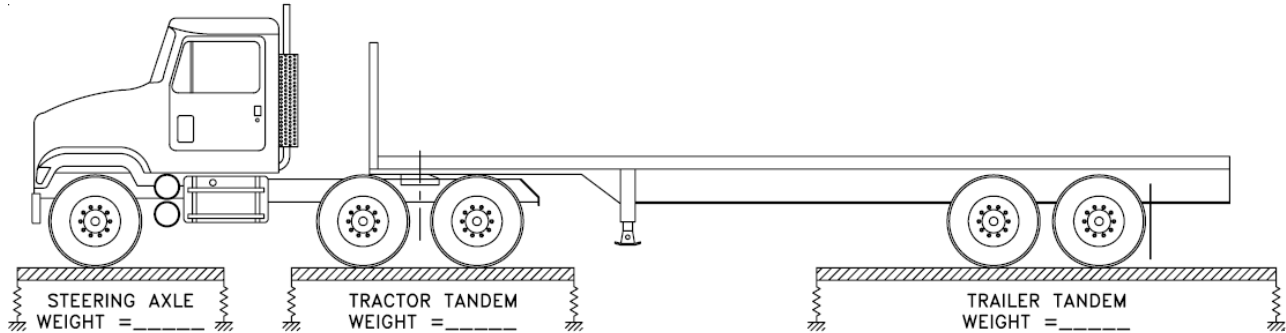


Weight Distribution

Princeton Delivery Systems can assist with the calculation of allowable payloads, and prediction of the weight distribution resulting from the installation of the Princeton Forklift. One of the most important pieces of information required for the completion of an accurate weight distribution is the curb weight of the empty trailer. Follow the steps below to determine the trailer weights.

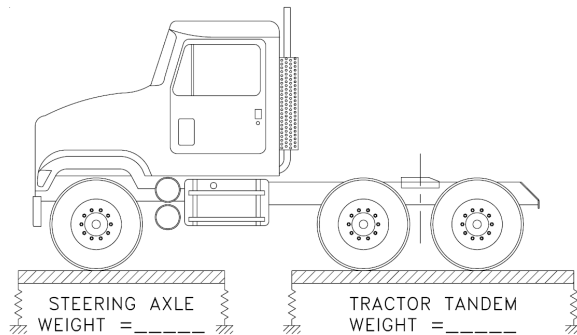
1. With the empty trailer connected to the tractor, drive the tractor onto the scale as shown in figure 58. Measure the weight on the axles, and record all three weights.



Measurement of the tractor and trailer curb weights

Steering Axle Weight = _____
Tractor Tandem Weight = _____
Trailer Tandem Weight = _____

2. With the trailer removed from the tractor, drive onto the scale as shown in figure 59. Measure the weight on the axles, and record both weights.



Measurement of the tractor curb weights only

Steering Axle Weight = _____
Tractor Tandem Weight = _____

3. Contact the service department at Princeton Delivery Systems with this information for counterweight requirements and weight distribution results.

▲ **CAUTION** – Failure to properly and accurately calculate the weight and weight distribution of the vehicle could lead to serious injury, death, or significant property damage.