



Truck Weight Limits

Legal Operating Weight

The legal operating weight of a truck is determined by the:

- Tire size.
- Number of axles.
- Wheelbase of the vehicle or combination of vehicles.

Legal Gross Weight

In Oregon, the maximum legal gross weight is 80,000 pounds.

Single Axle

The gross weight a single axle cannot exceed is limited to the lowest of:

- 600 pounds per inch of tire width on the tires.
- The tire manufacturer's sidewall rating.
- 20,000 pounds.

Tandem Axle

The gross weight of a tandem axle is limited to the lowest of:

- 600 pounds per inch of total tire width on the tires.
- The tire manufacturer's sidewall rating.
- 34,000 pounds.

Vehicle or Combination of Vehicles

Gross weight of a vehicle or combination of vehicles is limited to the lowest of:

- 600 pounds per inch of total tire width on the tires.
- The tire manufacturer's sidewall rating.
- 20,000 pounds on a single axle.
- 34,000 pounds on a tandem axle.
- The group axle weights shown on [Weight Table 1](#).
- 80,000 pounds gross weight.

Operating In Oregon

Before operating in Oregon, combinations with a total gross weight between 80,001 and 105,500 pounds must get an Annual Extended Weight Permit form 1860).

For more information about oversize/overweight permits:

- Visit the [ODOT Commerce and Compliance Division](#) website.
- Or, call 503-373-0000.

Exceptions to the Above Weights

Exception 1

Two consecutive sets of tandem axles spaced 30 feet or more apart may have a gross weight of 34,000 pounds each and operate without a permit on all non-Interstate highways.

A permit is required for operations on Interstate highways, unless the spacing is 36 feet or greater.

Exception 2

Four axles consisting of a set of tandem axles and two axles spaced nine feet or more apart may have a gross weight of 70,000 pounds IF the distance between the first and fourth axle is 35 feet or more.

A permit is required for operations on Interstate highways.

Exception 3

An additional 550 pounds is allowed for fully functional idle reduction systems (aka: Alternate Power Unit or APU).

Exception 4

An additional 2000 pounds is allowed for a vehicle that uses natural gas (CNG) or electric battery as its fuel source.

Note to Exceptions 3 and 4 – A vehicle:

- a. Fueled with CNG or Electric battery AND equipped with an APU is allowed an additional 2,550 pounds.
- b. May not exceed manufacturer tire sidewall rating.
- c. Requires an extended weight permit if the gross weight exceeds 80,000 pounds.
- d. May not exceed a maximum of 105,500 pounds with an extended weight permit including exceptions 3, 4, or the combination of both.
- e. Must include the additional weight in registration and tax declarations.