

TRUCK SIZE AND WEIGHT, ROUTE DESIGNATIONS

State	Max Cont. Length (Ft. & In.)	TRUCK SIZE AND WEIGHT, ROUTE DESIGNATIONS										Max Weight Legal Gross Weight	Legal Gross Weight W / Permit
		20' Std, Steel	45' HC, Alum	40' Std, Steel	40' HC, Steel	Std Rfr, Alum	HC Rfr, Alum	Opentop, Alum	Opentop, Steel	Flat Rack Steel	Flat Plat, Steel		
AL	53-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	100,000
AK	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Variable
AZ	57-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	43,000	80,000	Not allowed if cargo is divisible
AR	53-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
CA	48-0 *	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	43,000	80,000	Not allowed if cargo is divisible
CO	57-4	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
CT	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
DE	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
DC	48-0	38,200	43,400	39,500	39,200	38,000	36,400	39,500	38,800	34,400	39,800	80,000	Will not Permit
FL	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	95,000
GA	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	100,000
HI	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
ID	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
IL	53-0	38,200	38,700	40,500	40,200	39,100	37,500	40,500	39,800	35,400	40,800	80,000	Not allowed if cargo is divisible
IN	48-6 **	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
IA	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
KS	57-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
KY	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
LA	59-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	100,000
MN	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
MD	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
MA	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
MI	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
MN	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
MS	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	95,000
MO	53-0	37,600	43,400	37,400	37,100	35,900	34,300	37,400	36,700	32,300	37,700	80,000	Not allowed if cargo is divisible
MT	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
NE	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	80,000+
NV	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
NH	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
NJ	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
NM	57-6	38,200	43,400	43,200	42,900	41,700	40,100	43,200	42,500	38,100	43,500	80,000	Not allowed if cargo is divisible
NY	48-0	38,200	43,400	43,400	43,100	41,700	40,300	43,400	42,700	38,300	43,700	80,000	Will not Permit
NC	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	94,500
ND	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
OH	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
OK	59-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
OR	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
PA	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	95,000
PR	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
RI	48-6	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Will not Permit
SC	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
SD	53-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
TN	50-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
TX	59-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	
UT	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
VT	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
VA	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	90,000
WA	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
WV	48-0	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	110,000
WI	48-0 ***	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible
WY	57-4	38,200	43,500	43,900	43,600	42,400	40,800	43,900	43,200	38,800	44,200	80,000	Not allowed if cargo is divisible

Maximum Length notes:

* Semitrailers up to 53 feet may operate without a permit by conforming to a kingpin-to-rear-most axle distance of 38 feet. Semitrailers that are consistent with 23 CFR 658.13(h) may operate without a permit provided the distance from the kingpin to the center of the rear axle is 46 feet or less.

** Semitrailers up to 53 feet in length may operate without a permit by conforming to a kingpin-to-rear-most axle distance of 40 feet 6 inches. Semitrailers that are consistent with 23 CFR 658.13(h) may operate without a permit, provided the distance from the kingpin to the center of the rear axle is 46 feet or less.

*** Semitrailers up to 53 feet in length may operate without a permit by conforming to a kingpin-to-rear-most axles distance of 41 feet, measured to the center of the rear tandem assembly. Semitrailers that are consistent with 23 CFR 658.13(h) may operate without a permit provided the distance from the kingpin to the center of the rear axle is 46 feet or less.

[53 FR 2599, Jan. 29, 1988, as amended at 54 FR 1931, Jan. 18, 1989 and 62 FR 10181, March 5, 1997]

Maximum Weight notes:

[1] Delaware will permit 90,000 for state roads only, at \$200.00 per year.

[2] Illinois will permit on a sliding scale as follows:
73281 lbs - 80,000 lbs
80,001 lbs - 88,000 lbs

[3] Louisiana may permit weight to 100,000 & permits on a sliding scale as follows:
< 150 miles \$65
> 150 miles \$85

[4] Maryland overweight containers must pass through Baltimore to be given permit.

[5] Load specific

[7] South Dakota will permit on a sliding scale as follows:
< 85,000 lbs
formula: ex: 90,000 lbs @ 100 miles

[8] Vermont blanket permit for state roads only

[9] West Virginia will permit for loads originating or terminating in their state only. Cannot drive through.

[10] Wisconsin permits on the following scale:
< 90,000 lbs
90,001 - 100,000 lbs
ea 10,000 > 100,001 lbs

[11] This state does not provide overweight/over dimensional permits unless cargo is not able to be broken up (one solid unit), at which point, special arrangements have to be made with a specialized carrier.

80,000 is legal in AL, FL, GA, LA, MS, NC, SC, TN, VA;
however, there may be issues with axle weights if not loaded correctly.

!!! If permits are ordered through an agency, there may be additional administrative costs added to the cost of the permit.

Additional Weight Considerations:

As a general rule, gross weight (tractor/tare weight/cargo weight) for 40' equipment should be 80,000 lbs., with a cargo weight of 44,000 depending on tractor

Additional Weight Considerations (cont.):

40' reefer cargo weight should be between 39,000-40,000 cargo weight to stay under 80,000 lbs gross weight (tractor/tare)

In WA / OR / MT / ID - allow for use of super chassis/triaxle on 40' equipment at **additional cost of \$130+ per load.** Weights = 12,000; 34,000; 42,000; 88,000

Use of superchassis/triaxle will allow cargo weight in 40' reefers to go up to 47,000-48,000 lbs and still keep gross weight at 88,000 lbs.

Special arrangements can be made for use of 4 axle chassis which would allow total gross weight to reach 96,000 (12,000; 42,000; 42,000) **but equipment rental expense is considerably more than standard or tri axle.**

20' laws in all states are governed by new bridge law weight which took effect in 1998. Distance between wheel base determines actual weight per axle and gross weight. As a general rule, cargo weight should not surpass 39,000 lbs with a total gross weight (tractor/tare weight/cargo weight) of 68,000 lbs.

MAXIMUM BRIDGE LAWS (supercede all suggested weight laws!):

It is possible to be considered overweight in one or all of the following ways:

- 1) Gross weight 2) Axle weight 3) Bridge formula

1) Gross Weight:

Maximum allowable total gross weight for trucks on U.S. Interstates is 80,000 lbs, including tractor weight, chassis and container weight, cargo weight, etc. Off-interstate limits are typically lower. Please refer to the American Trucking Association's "Summary of Size and Weight Limits".

2) Axle Weight:

Allowable gross weight on a single or set of axles is regulated by individual states.

States typically allow 34,000 lbs per tandem axle and 20,000 lbs per single axle.

Please refer to the American Trucking Association's "Summary of Size and Weight Limits".

Note : Over 50% of all U.S. citations issued are for axle weight violations, usually the result of uneven distribution of the load inside the container.

3) Bridge formula:

This law sets maximum weights according to the distance between sets of axles.

"Inner Bridge" measurement = distance between axle 2 & axle 5

"Outer Bridge" measurement = distance between axle 1 & axle 5

To determine Inner Bridge compliance, measure distance from center of wheel of axle 2 to center of wheel of axle 5. Refer to "Summary of Size and Weight Limits" appropriate bridge chart (table A or B) Find appropriate distance, follow row to 4 axles column to find maximum gross weight for 4 axles.

To determine Outer Bridge compliance, measure distance from center of wheel of axle 1 to center of wheel of axle 5. Refer to "Summary of Size and Weight Limits" appropriate bridge chart (table A or B) Find appropriate distance, follow row to 5 axles column to find maximum gross weight for 5 axles.

example:

a) Outer bridge = 37 ft. b) Inner bridge = 22 ft.

a) axle 1 weight = 10,900 lbs

axles 2 & 3 weight = 27,620 lbs

axles 4 & 5 weight = 27,50 Max. weight, according to chart for 66, (37 ft. on 5 axles = 66,500 lbs, load is OK

b) axles 2 & 3 weight = 27,620 lbs

axles 4 & 5 weight = 27,50 Max. weight, according to chart for 55,122 ft. on 4 axles = 56,500 lbs, load is OK

WEIGHT LIMITS BY STATE

State	Maximum Container Length (Ft. & In.)									
	20' Std, Steel	45' HC, Alum	40' Std, Steel	40' HC, Steel	Std Rfr, Alum	HC Rfr, Alum	Open top, Alum	Open top, Steel	Flat Rack, Steel	Flat Plat, Steel
	<i>(formula) ex: 90,000 lbs @ 100 miles</i>									
[8] Vermont blanket permit-state roads only	X	X	X	X	X	X	X	X	X	X
[9] West Virginia will permit for loads originating or terminating in their state only. Cannot drive through.	X	X	X	X	X	X	X	X	X	X
[10] Wisconsin permits on the following scale: < 90,000 lbs 90,001-100,000 lbs ea 10,000 > 100,001 lbs	X	X	X	X	X	X	X	X	X	X
[11] State does not provide overweight/over dimension permits unless cargo cannot be broken up (one solid unit), at which point special arrangements must be made with specialized carrier.	X	X	X	X	X	X	X	X	X	X
80,000 is legal in AL, FL, GA, LA, MS, NC, SC, TN, VA; however, there may be issues with axle weights if not loaded correctly.	X	X	X	X	X	X	X	X	X	X

If permits are ordered through an agency, there may be additional administrative costs added to the cost of the permit.

Additional Weight Considerations:

As a general rule, gross weight (tractor/tare weight/cargo weight) for 40' equipment should be 80,000 lbs., with a cargo weight of 44,000 depending on tractor

WEIGH



WEIGHT LIMITS BY STATE

Maximum Weight			
Legal Gross Weight	Legal Gross Weight w/Permit	Permit Cost	Comments
<p>2. Bridge formula: This law sets maximum weights according to the distance between sets of axles. "Inner Bridge" measurement = distance between axle 2 and axle 5 (steering axle is axle 1, tractor drive axle is axle 2, etc.) "Outer Bridge" measurement = distance between axle 1 and axle 5</p> <p><i>To determine Inner Bridge compliance, measure distance from center of wheel of axle 2 to center of wheel of axle 5. Refer to "Summary of Size and Weight Limits" appropriate bridge chart (table A or B) Find appropriate distance, follow row to 4 axles column to find maximum gross weight for 4 axles.</i></p> <p><i>To determine Outer Bridge compliance, measure distance from center of wheel of axle 1 to center of wheel of axle 5. Refer to "Summary of Size and Weight Limits" appropriate bridge chart (table A or B) Find appropriate distance, follow row to 5 axles column to find maximum gross weight for 5 axles.</i></p> <p style="text-align: center;">example:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a) Outer bridge = 37 ft. a) axle 1 weight = 10,900 lbs axles 2 & 3 weight = 27,620 lbs axles 4 & 5 weight = <u>27,500</u> lbs 66,020 lbs</p> <p>b) axles 2 & 3 weight = 27,620 lbs axles 4 & 5 weight = <u>27,500</u> lbs 55,120 lbs</p> </div> <div style="width: 45%;"> <p>b) Inner bridge = 22 ft. Max. weight, according to chart for 37 ft. on 5 axles = 66,500 lbs, load is OK</p> <p>Max. weight, according to chart for 22 ft. on 4 axles = 56,500 lbs, load is OK</p> </div> </div>			