

**169.824 GROSS WEIGHT SCHEDULE.**

Subdivision 1. **Table of axle weight limits.** (a) No vehicle or combination of vehicles equipped with pneumatic tires shall be operated upon the highways of this state where the total gross weight on any group of two or more consecutive axles of any vehicle or combination of vehicles exceeds that given in the following table for the distance between the centers of the first and last axles of any group of two or more consecutive axles under consideration; unless otherwise noted, the distance between axles being measured longitudinally to the nearest even foot, and when the measurement is a fraction of exactly one-half foot the next largest whole number in feet shall be used, except that when the distance between axles is more than three feet four inches and less than three feet six inches the distance of four feet shall be used:

Distances in feet between centers of foremost and rearmost axles of a group	Maximum gross weight in pounds on a group of		
	2 consecutive axles of a 2-axle vehicle or of any vehicle or combination of vehicles having a total of 2 or more axles	3 consecutive axles of a 3-axle vehicle or of any vehicle or combination of vehicles having a total of 3 or more axles	4 consecutive axles of a 4-axle vehicle or any combination of vehicles having a total of 4 or more axles
4	34,000		
5	34,000		
6	34,000		
7	34,000	37,000	
8	34,000	38,500	
8 plus	34,000 (38,000)	42,000	
9	35,000 (39,000)	43,000	
10	36,000 (40,000)	43,500	49,000
11	36,000	44,500	49,500
12		45,000	50,000
13		46,000	51,000
14		46,500	51,500
15		47,500	52,000
16		48,000	53,000

17	49,000	53,500
18	49,500	54,000
19	50,500	55,000
20	51,000	55,500
21	52,000	56,000
22	52,500	57,000
23	53,500	57,500
24	54,000	58,000
25	(55,000)	59,000
26	(55,500)	59,500
27	(56,500)	60,000
28	(57,000)	61,000
29	(58,000)	61,500
30	(58,500)	62,000
31	(59,500)	63,000
32	(60,000)	63,500
33		64,000
34		65,000
35		65,500
36		66,000
37		67,000
38		67,500
39		68,000
40		69,000
41		69,500
42		70,000
43		71,000
44		71,500
45		72,000
46		72,500
47		(73,500)
48		(74,000)
49		(74,500)

50	(75,500)
51	(76,000)

The maximum gross weight on a group of three consecutive axles where the distance between centers of foremost and rearmost axles is listed as seven feet or eight feet applies only to vehicles manufactured before August 1, 1991.

"8 plus" refers to any distance greater than eight feet but less than nine feet.

Distances in feet between centers of foremost and rearmost axles of a group	Maximum gross weight in pounds on a group of		
	5 consecutive axles of a 5-axle vehicle or any combination of vehicles having a total of 5 or more axles	6 consecutive axles of a combination of vehicles having a total of 6 or more axles	7 consecutive axles of a combination of vehicles having a total of 7 or more axles
14	57,000		
15	57,500		
16	58,000		
17	59,000		
18	59,500		
19	60,000		
20	60,500	66,000	72,000
21	61,500	67,000	72,500
22	62,000	67,500	73,000
23	62,500	68,000	73,500
24	63,000	68,500	74,000
25	64,000	69,000	75,000
26	64,500	70,000	75,500
27	65,000	70,500	76,000
28	65,500	71,000	76,500
29	66,500	71,500	77,000
30	67,000	72,000	77,500
31	67,500	73,000	78,500
32	68,000	73,500	79,000
33	69,000	74,000	79,500
34	69,500	74,500	80,000

35	70,000	75,000
36	70,500	76,000
37	71,500	76,500
38	72,000	77,000
39	72,500	77,500
40	73,000	78,000
41	(74,000)	79,000
42	(74,500)	79,500
43	(75,000)	80,000
44	(75,500)	
45	(76,500)	
46	(77,000)	
47	(77,500)	
48	(78,000)	
49	(79,000)	
50	(79,500)	
51	(80,000)	

The gross weights shown in parentheses in this table are permitted only on state trunk highways and routes designated under section 169.832, subdivision 11.

(b) Notwithstanding any lesser weight in pounds shown in this table but subject to the restrictions on gross vehicle weights in subdivision 2, paragraph (a), two consecutive sets of tandem axles may carry a gross load of 34,000 pounds each and a combined gross load of 68,000 pounds provided the overall distance between the first and last axles of the consecutive sets of tandem axles is 36 feet or more.

Subd. 2. **Gross vehicle weight of all axles; credit for idle reduction technology.** (a) Notwithstanding the provisions of section 169.85, the gross vehicle weight of all axles of a vehicle or combination of vehicles must not exceed:

(1) 80,000 pounds for any vehicle or combination of vehicles on all (i) trunk highways as defined in section 160.02, subdivision 29, (ii) routes designated under section 169.832, subdivision 11, and (iii) paved nine-ton routes;

(2) 88,000 pounds for any vehicle or combination of vehicles with six or more axles while exclusively engaged in hauling livestock on all state trunk highways other than interstate highways, if the vehicle has a permit under section 169.86, subdivision 5, paragraph (k); and

(3) 73,280 pounds for any vehicle or combination of vehicles with five axles or less on all routes, other than routes identified in clause (1).

(b) Notwithstanding the maximum weight provisions of this section and section 169.85, and in order to promote the reduction of fuel use and emissions because of engine idling, the maximum gross vehicle weight limits and the axle weight limits for any motor vehicle subject to sections 169.80 to 169.88 and equipped with idle reduction technology must be increased by the amount of weight necessary to compensate for the weight of the idle reduction technology, not to exceed 400 pounds. At the request of an authorized representative of the Department of Transportation or the Department of Public Safety, the vehicle operator shall provide proof that the vehicle is equipped with this technology through documentation or demonstration.

**History:** 1981 c 321 s 4; 1982 c 424 s 42; 1982 c 617 s 11-13; 1983 c 198 s 9; 1986 c 398 art 13 s 6-9; 1986 c 452 s 20; 1Sp1986 c 3 art 4 s 13; 1991 c 112 s 4; 1991 c 333 s 18,19; 1992 c 578 s 7-10; 1994 c 635 art 1 s 16; 1998 c 372 art 1 s 8; 2000 c 433 s 1; 2001 c 156 s 1; 2001 c 213 s 10; 2002 c 364 s 13; 1Sp2005 c 1 art 4 s 36; 2008 c 287 art 1 s 54