

LEGAL DIMENSIONS, WEIGHTS & GROSS WEIGHTS FOR NEW YORK STATE

I. The maximum legal dimensions (overall, inclusive of load, bumpers, etc). are:

		State Highway	Qualifying or Access Highway
A.	Width of vehicle, inclusive of load	8 feet 6 inches ¹	8 feet 6 inches
B.	Height of vehicle from underside of tire to top of vehicle, inclusive of load	13 feet 6 inches	13 feet 6 inches
C.	Length of single vehicle inclusive of load and bumpers	40 feet	40 feet
D.	Length of a combination of vehicles inclusive of load and bumpers	65 feet ²	Unlimited ²
E.	Length of a single trailer	48 feet	53 feet ³
F.	Length of a single twin trailer	28 feet 6 inches	28 feet 6 inches

NOTE: ¹ Except in New York City. Limited to Qualifying or Access Highways and highways with minimum pavement width of 10 feet. Commissioner of Transportation may restrict certain highways.

² Automotive Carriers – Overhang limited to 3' FRONT and 4' REAR
 Stinger Steered Car Carrier – Length cannot exceed 75'. Overhang limited to 3' FRONT and 4' REAR.
 Limited to qualifying and access highways.

³ Except in New York City. Limited to Qualifying and Access Highways. Distance from Kingpin to center of rear axle is limited to 43 feet maximum.

II. Maximum legal weight for State Highways and Designated Highways are:

- A. Maximum load per tire, the lesser of: 800 pounds per inch width or manufacturer's tire rating
- B. Maximum wheel loading 11,200 pounds
- C. Maximum weight, one axle 22,400 pounds
- D. Maximum weight, any two consecutive axles, less than eight (8) feet apart 36,000 pounds
 - 1. Axles less than 46 inches apart, measured from axles' centers, are considered one axle.
- E. Maximum weight, any two consecutive axles eight (8) to ten (10) feet apart. Weight cannot exceed formula:

$$**W = 500 [(L \times N) / (N - 1) + (12 \times N) + 36]; \quad 40,000 \text{ pounds maximum}$$

**See Item F.1.b. for explanation of terms.

- F. Maximum weight on all axles of a single vehicle or combination of vehicles having three (3) axles or more is 80,000 pounds based on one of the following formulas:
 - 1. For any vehicle or combination of vehicles having a total gross weight less than 71,000 pounds, the higher of the following shall apply:
 - a. the total weight of all axles shall not exceed 34,000 pounds plus 1,000 pounds for each foot and major fraction of a foot of the distance from the center of the foremost axle to the center of the rear most axle, or
 - b. the overall gross weight on a group of two or more consecutive axles shall not exceed the weight produced by application of the following formula:

$$W = 500 [(L \times N) / (N - 1) + (12 \times N) + 36]$$

where W equals overall gross weight on any group of two or more consecutive axles to the nearest 500 pounds, L equals distance in feet from the center of the foremost axle to the center of the rearmost axle of any group of two or more consecutive axles, and N equals number of axles in group under consideration, except that two consecutive sets of tandem axles may carry a gross load 34,000 pounds each providing the overall distance between the first and last axles of such consecutive sets of tandem axles is thirty-six feet or more.

- 2. For any vehicle or combination of vehicles having a total gross weight of 71,000 pounds or greater, formula in section F.1.b. shall apply.