MAXIMUM LEGAL VEHICLE WEIGHT LIMITS

IN ACCORDANCE WITH RSA 266:18-a FOR LEGAL VEHICLES

SINGLE UNIT VEHICLES

33,400 LBS.

55,000 LBS.
22,400 LBS./AXLE MAX.

60,000 LBS.
18,000 LBS./AXLE

COMBINATION VEHICLES

WEIGHT FORMULA

20,000 LBS./SINGLE AXLE
17,000 LBS./AXLE OF A TANDEM

\[ W = 500 \left( \frac{LN}{N-1} \right) + 12N + 36 \]

\( W = \) OVERALL GROSS WEIGHT ON ANY GROUP OF TWO OR MORE CONSECUTIVE AXLES TO THE NEAREST 500 LBS. (MAXIMUM WEIGHT 80,000 LBS.)

\( L = \) DISTANCE MEASURED TO THE NEAREST FOOT

\( N = \) NUMBER OF AXLES IN THE GROUP UNDER CONSIDERATION
MAXIMUM LEGAL VEHICLE WEIGHT LIMITS

LEGAL LOADS

MAXIMUM 22,400 LBS. ON ALL VEHICLES
W/AXLES 10' OR MORE APART (INCLUDING
COMBINATION VEHICLES) EXCEPT AS NOTED
FOR 4-AXLE SINGLE UNIT VEHICLES.

SINGLE AXLE

MAXIMUM 18,000 LBS/AXLE ON ALL VEHICLES
EXCEPT FOR 3 & 4 AXLE SINGLE UNIT
VEHICLES.

TANDEM AXLE

40° ≤ D < 10°

FOR COMBINATION OF TRACTOR-TRAILER &
SINGLE SEMI-TRAILER W/ 4 OR MORE AXLES.

TRIDEM AXLE

MAXIMUM ON TANDEM: 36,000 LBS.
MAXIMUM ON TRIDEM: 54,000 LBS.

MAXIMUM DIMENSIONS

HEIGHT
AND WIDTH

102" 13'-6"
MAXIMUM CERTIFIED VEHICLE WEIGHT LIMITS
IN NEW HAMPSHIRE ON APPROVED STRUCTURES

IN ACCORDANCE WITH RSA 266:18-b FOR CERTIFIED VEHICLES

SINGLE UNIT VEHICLES

37,400 LBS.

65,000 LBS.
22,400 LBS./AXLE MAX.

73,000 LBS.
20,000 LBS./AXLE MAX.

COMBINATION VEHICLES

54,500 - 60,000 LBS.
( D = 25 FT. - 32 FT.)

59,000 - 69,000
( D = 8 FT. - 18 FT.)

5 OR MORE AXLES
70,000 - 84,000 LBS.
( D = 19 FT. - 29 FT.)

6 OR MORE AXLES
86,000 - 99,000 LBS.
( D = 30 FT. - 36 FT.)

6 OR MORE AXLES
86,000 - 99,000 LBS.
( D = 30 FT. - 36 FT.)

= SEE ALSO RSA 266:18-b
MAXIMUM CERTIFIED VEHICLE WEIGHT LIMITS IN NEW HAMPSHIRE ON APPROVED STRUCTURES*

CERTIFIED LOADS

MAXIMUM 22,400 LBS. ON ALL VEHICLES W/ AXLES 10' OR MORE APART (INCLUDING COMBINATION VEHICLES) EXCEPT AS NOTED FOR 4-AXLE SINGLE UNIT VEHICLES.

SINGLE AXLE

MAXIMUM 18,000 LBS/AXLE ON ALL VEHICLES EXCEPT FOR 3 & 4 AXLE SINGLE UNIT VEHICLES.

TANDEM AXLE

FOR COMBINATION OF TRACTOR-TRAILER & SINGLE SEMI-TRAILER W/ 4 OR MORE AXLES.

MAXIMUM ON TANDEM: 36,000 LBS.
MAXIMUM ON TRIDEM: 54,000 LBS.

TRIDEM AXLE

MAXIMUM DIMENSIONS

HEIGHT AND WIDTH

13'-6"

102"

45"

153'
OR 2 x 28'

MAXIMUM Axle Spacing:

40° ≤ D ≤ 10°