

Maximum permitted weights and dimensions, goods transport Russia

(Valid on trunk roads)

Height			4.00m
Width			
Motor vehicle/trailer			2.55m
Refrigerated vehicle			2.60m
Length			
Motor vehicle			12.00m
Trailer			12.00m
Articulated vehicle			20.00m
Road train			20.00m
Weight per axle	I <*>	II <***>	III <****>
Single axle	5.5 (6)	9 (10)	10.5 (11.5)
Tandem axles of trailers, semi-trailers, motor vehicles when the distance between axles is (the sum of the axle weights per tandem)			
• up to 1.0m	8 (9)	10 (11)	11.5 (12.5)
• 1.0m to 1.3m	9 (10)	13 (14)	14 (16)
• 1.3m to 1.8m	10 (11)	15 (16)	17 (18)
• 1.8m to 2.5m	11 (12)	17 (18)	18 (20)
Tri-axes of trailers, semi-trailers, motor vehicles when the distance between the axles is (the sum of the axle weights per tri-axle)			
• up to 1.0m	11 (12)	15 (16.5)	17 (18)
• 1.0m to 1.3m	12 (13)	18 (19.5)	20 (21)
• 1.3m to 1.8m	13.5 (15)	21 (22.5 <****>)	23.5 (24)
• 1.8m to 2.5m	15 (16)	22 (23)	25 (26)
Maximum permitted weight			
Motor vehicle			
• with 2 axles			18.0t
• with 3 axles			25.0t
• with 4 axles			32.0t
Articulated vehicle			
• with 3 axles			28.0t
• with 4 axles			36.0t
• with 5 axles			40.0t
• with 6 or more axles			44.0t
Road train			
• with 3 axles			28.0t
• with 4 axles			36.0t
• with 5 axles			40.0t
• with 6 or more axles			44.0t

<*> For highways which were designed, constructed and reconstructed under the regulatory axial load of vehicles up to 6.0t. (If the road owner installs appropriate road signs and posts information on his official website on valid road axle load of vehicles.).

<***> For highways which were designed, constructed and reconstructed under the regulatory axial load of vehicles up to 10.0t.

<***> For highways which were designed, constructed and reconstructed under the regulatory axial load of vehicles up to 11.5t.

<****> For vehicles with single wheels equipped with pneumatic suspension or equivalent, as well as vehicles with dual wheels.

Notes:

1. Enclosed in brackets are the values for dual wheels, without - single wheels.
2. Axles with single and dual wheels grouped with closely spaced axles should be considered as contiguous axles with single wheels.
3. For dual and triple axles, structurally united, the allowable axial load is determined by dividing the total allowable load on the contiguous axles to the appropriate number of axles.
4. The uneven distribution of load is allowed along the axes for two-axle and three-axle trucks, if the total load on the truck is not exceeded, and the load on the most loaded axle does not exceed the permissible axial load of the corresponding (single or dual wheels) single axles.

Source: ASMAP, September 2015 (changes are in red).