



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
The length of the cargo protruding beyond the rear point of the vehicle must not exceed 2 meters			
Weight per axle	I <*>	II <*>	III <***>
Single axle when the distance between the axles is more than 2.5m	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-axles 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
• with 5 axles or more axles			38.0t
Articulated vehicle			38.0t
• 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. 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.
4. If in the group of axles presence different values of the center distance, each distance between axes is set to a value obtained by arithmetic averaging (the sum of all center distance in the group divided by the number of the center distance in the group). Centre distance obtained by the arithmetic averaging, is assigned to two-axle and three-axle groups to determine the permissible load.";

Source: ASMAP, December 2017 (changes are in red, entered into force December 2017)