

**Maximum permitted weights and dimensions, goods transport
Romania**

	<i>R</i> ¹	<i>E</i>	<i>M</i>	<i>P</i>
Maximum permitted dimensions (m)				
Length				
Motor vehicle/trailer	12.00	12.00	12.00	12.00
Articulated vehicles	16.50	16.50	16.50	16.50
Road train	18.75	18.75	18.75	18.75
Width				
Motor vehicle	2.55	2.55	2.55	2.55
Refrigerated vehicle	2.60	2.60	2.60	2.60
Height (all the vehicles)	4.00	4.00	4.00	4.00
All road vehicles must be able to turn within a circle having an external radius of 12.50m and an internal radius of 5.30m.				
The maximum distance measured between the axis of the fifth-wheel king pin of the semi-trailer and the rear part of the semi-trailer must not exceed 12.00m.				
The maximum distance measured parallel to the longitudinal axis of the road train, from the external foremost point of the loading area behind the cab, to the rearmost point of the trailer of the road train, minus the distance between the rear point of the truck and the fore point of the trailer, must not exceed 15.65 m.				
The maximum distance measured parallel to the longitudinal axis of the road train, from the external foremost point of the loading area behind the cab, to the rearmost point of the trailer of the road train must not exceed 16.40m.				
Maximum permitted weights(t)				
Articulated vehicles with:				
trailer with 2 axles	18.00	18.00	18.00	18.00
trailer with 3 axles	24.00	22.00	22.00	20.00
Road train with 5/6 axles (2+3, 3+2/3)	40.00	40.00	40.00	38.00
Articulated vehicle with 5/6 axles (2+3, 3+2/3)	40.00	40.00	40.00	38.00
Articulated vehicle with 5/6 axles (3+2/3) used in a combined transport operation for the transport of 40' ISO containers	44.00	42.00	40.00	40.00
Road train with 4 axles (2+2)	36.00	36.00	36.00	34.00

¹ R = rehabilitated roads

E = European roads

M = modernized roads

P = non-asphalted gravel roads

Articulated vehicle with 4 axles (2+2) with a distance between the axles of:				
1.30m or more but less than 1.80m	36.00	36.00	36.00	34.00
more than 1.80m	36.00*	36.00	36.00	34.00
Motor vehicles				
with 2 axles	18.00	17.00	16.00	16.00
with 3 axles	25.00/26.00**	22.00/24.00**	22.00	22.00
with 4 axles, two of which are drive axles	30.00/32.00**	30.00	30.00	28.00
Maximum permitted weights per axle(t)				
single non-drive axle	10.00	10.00	8.00	7.50
single drive axle	11.50	10.00	9.00	8.00
tandem axle of a trailer or semi-trailer, with a distance between the axles of:				
less than 1.00m	11.00	11.00	11.00	11.00
1.00m or more but less than 1.30m	16.00	16.00	15.00	14.00
1.30m or more but less than 1.80m	18.00	17.00	16.00	15.00
1.80m or more	20.00	20.00	16.00	15.00
tridem axle of a trailer or semi-trailer, with a distance between the axles of:				
1.30m or less	21.00	21.00	19.00	16.50
over 1.30m to 1.40m	24.00	22.00	20.00	18.00
tandem axle of a motor vehicle, with a distance between the axles of:				
less than 1.00m	11.50	10.00	10.00	10.00
1.00m or more but less than 1.30m	16.00	15.00	14.00/15.00***	13.00
1.30m or more but less than 1.80m	18.00/19.00**	17.00/18.00***	16.00	15.00

Dual axle (tandem): combination of two axles with distance between them of 1.80m but not more.

Triple axle (tridem): combination of 3 axles with distance between them of 1.4m.

* Plus a limit of 2.0t when the maximum authorized weights of the motor vehicle (18.0t) and the tandem axle of the semi-trailer (20.0t) are respected, and the drive axle is fitted with twin tyres and pneumatic suspension or equivalent.

** Higher weight applies if the drive axle is fitted with twin tires and pneumatic suspension or equivalent, or if each drive axle is fitted with twin tires and the maximum load per axle does not exceed 9.5t.

*** Applies if the axle has air-suspension or equivalent of it.

Other structural conditions imposed on vehicles:

- the weight borne by the drive axle(s) of a vehicle or combined vehicle must not be less than 25% of the total laden weight of the vehicle or combined vehicle, when used in international traffic.
- Road train:
 - o the distance between the rear axle of a motor vehicle and the front axle of a trailer must not be less than 3.00m.

- the maximum authorized weight in tones of a four-axle motor vehicle may not exceed five times the distance in meters between the axles of the foremost and rearmost axles of the vehicle.
- Semi-trailer: the distance measured horizontally between the axis of the fifth-wheel king pin and any point at the front of the semi-trailer must not exceed 2.04m.

Other weights and dimensions

Classification of roads in terms of limits on maximum permissible weights and dimensions:

	<i>R¹</i>	<i>E</i>	<i>M</i>	<i>P</i>
Maximum permitted dimensions (m)				
Length				
Motor vehicle	12.00	12.00	12.00	12.00
Articulated vehicle	16.50	16.50	16.50	16.50
Road train	18.75	18.75	18.75	18.75
Width				
Motor vehicle	2.55	2.55	2.55	2.55
Refrigerated vehicle	2.60	2.60	2.60	2.60
Height (all the vehicles)	4.00	4.00	4.00	4.00
Maximum permitted weights(t)				
Vehicle with:				
4 axles	30.00	30.00	30.00	28.00
more than 4 axles	40.00	40.00	40.00	38.00
Road train				
vehicle with 2 axles and trailer with one axle	28.00	28.00	26.00	26.00
vehicle with 3 axles and trailer with one axle	35.00	35.00	35.00	33.00
vehicle with 4 axles and trailer with one axle	40.00	40.00	40.00	38.00
vehicle with 2 axles and trailer with 4 axles	40.00	40.00	40.00	38.00
vehicle with 4 axles and trailer with 2 axles	40.00	40.00	40.00	38.00
road train with more than 6 axles	40.00	40.00	40.00	38.00
Articulated vehicle				
vehicle with 2 axles and semi-trailer with one axle	28.00	28.00	26.00	26.00
vehicle with 3 axles and semi-trailer with one axle	35.00	35.00	35.00	33.00
vehicle with 4 axles and semi-trailer with one axle	40.00	40.00	40.00	38.00

¹ R = rehabilitated roads

E = European roads

M = modernized roads

P = non-asphalted gravel roads

vehicle with 2 axles and semi-trailer with 4 axles	40.00	40.00	40.00	38.00
articulated vehicle with more than 6 axles	40.00	40.00	40.00	38.00
Non-drive triple axle				
1.30 m or less	21.00	21.00	19.00	16.50
more than 1.30 m but less than 1.40 m	24.00	22.00	20.00	18.00

Dual axle (tandem): combination of 2 axles with distance between them of 1.80m but not more.

Triple axle (tridem): combination of 3 axles with distance between them of 1.40m.

For the list of roads, please see the relevant file.

Source: UNTRR; April 2013