

# WEIGHT AND DIMENSIONS

"ANEXO IX del Reglamento General de Vehículos aprobado por R.D. 2822/1998"

### Maximum permissible axle mass

**single axle**

motor axle 11'5 t  
no motor axle 10 t

**tandem axle**

Distance btw axles	motor vehicle	trailer or semitrailer
$d < 1\text{ m}$	11'5 t	11 t
$1\text{ m} \leq d < 1'3\text{ m}$	16 t	16 t
$1'3\text{ m} \leq d < 1'8\text{ m}$	18/19 <sup>(a)</sup> t	18 t/20 t <sup>(b)</sup>
$d \geq 1'8\text{ m}$		20 t

(a) When the driving axle is fitted with tires and pneumatic suspension or recognized as equivalent to EU level, or where each driving axle if fitted with double tires and the MMA on each axle doesn't exceed 9'5 t

(b) For trailers equipped with enhanced tipper body specifically for the use in construction or mining.

**triaxial tandem**

distance btw axles	trailer or semitrailer
$d \leq 1'3\text{ m}$	21 t
$1'3\text{ m} \leq d < 1'4\text{ m}$	24 t

$d = \text{rear axles distances}$

NOT ALLOWED TO CIRCULATE:

- 1) Vehicles with pneumatic tires or similar elasticity that exercise more than 9 kg/cm of pressure on pavement
- 2) Animal-drawn vehicles fitted with pneumatic wheels, or similar elasticity that exceeds 150 kg/cm of tread
- 3) Vehicles that its tires withstand higher loads that those which determine its safety standards (load index and speed).
- 4) Vehicles or combination of vehicles in which the mass on the drive axle or axle is less than 25% of total mass of vehicle or combination of vehicles.

### Maximum authorized mass

#### Rigid vehicles

Rigid vehicles with two axles	Rigid vehicles with three axles	Rigid vehicles with four axles
18 t	25 / 26 <sup>(a)</sup> t	31 / 32 <sup>(b)</sup> t

(a) When the driving axle is fitted and pneumatic suspension or recognized as equivalent to EU level, or where each driving axle is fitted with double tires and the MMA on each axle doesn't exceed 9'5 t

(b) Four-axle rigid vehicle with two directional axles, when the driving axle is fitted with twin tires and pneumatic suspension or recognized as equivalent to EU level, or where each driving axle is fitted with double tires and the MMA on each axle doesn't exceed 9'5 t

#### Articulated vehicles

**Articulated vehicles with four axles**

36/38<sup>(c)</sup> t

(c) 1. When the driving axle is fitted with twin tires and pneumatic suspension or recognized as equivalent to EU level, the wheelbase of the semitrailer is > 1'8 m and the motor vehicle MMA is respected (18 t) and the MMA of the axle tandem of the semi-trailer (20 t)

2. When the semi-trailer (1'8 m) is equipped with enhanced tipper body specifically for the use in construction or mining it will be 38 t, provided that the burden imposed on the coupling device is compatible with the maximum mass per axle set forth in section "maximum permissible axle masses"

It can circulate rigid vehicles with 4 axles which MMA in toneladas is less than or equal to 5 times the distance in meters between the centers of extreme axles.

Articulated vehicles with 5 or more axles	Articulated vehicles with 5 or more axles
40 t	Homologated combined transport

### Trenes de carretera

4 axles multi-trailer truck	5 or more axles multi-trailer truck	2 axles trailer	3 axles trailer
36 t	40 t	18 t	24 t

### Maximum permissible length

Rigid vehicles (Regardless of their axles)	trailers
12 m	12 m

**Rigid vehicles**

12 m  
16'50 m

**Multi-trailer truck**

18'75 m  
16'40 m • A

**Especialized in vehicle transport (driving with load)**

20'55 m

Maximum permitted width	Maximum permitted height
2'55 m	4 / 4'5 <sup>(d)</sup> m

(d) - Autotransporter specialized in transporting vehicles.  
- Crane vehicles for removal of vehicles.  
- Vehicles transporting containers approved for combined transport