

Maximum permitted weights and dimensions, goods transport Ireland

Height ¹	4.25m
Width	
Motor vehicle/trailer	2.50m
Refrigerated vehicle (minimum thickness of walls 45mm)	2.60m
Length	
Motor vehicle	12.00m
Trailer	12.00m
Articulated vehicle	16.50m
Road train	18.35m ²
Weight per axle	
single axle	10.0t
drive axle, with a distance from the nearest axle of at least 1.20m	10.5t
tandem axle of motor vehicle, with distance between the axles of	
· <1.00m	11.5t
· 1.00m to <1.30m	16.0t
· 1.30m and over	18.0t
· 1.30m and over, and the drive axle is fitted with pneumatic suspension	19.0t
tandem axle of trailer or semi-trailer, with a distance between the axles of	
· <1.00m	11.0t
· 1.00m to <1.30m	16.0t
· 1.30m to <1.80m	18.0t
· 1.80m and over	20.0t
tridem axle of trailer or semi-trailer, with a distance between the axles of	
· 1.30m or less	21.0t
· >1.30m to 1.40m	22.5t
· >1.30m to 1.40m, and the drive axle is fitted with pneumatic suspension	24.0t
Maximum permitted weight	
Motor vehicle	
· with 2 axles	17.0t
· with 3 axles	25.0t
· with 3 axles, and the drive axle is fitted with twin tyres and pneumatic suspension	26.0t
· with 4 axles	30.0t
· with 4 axles, if the drive axle is fitted with twin tyres and pneumatic suspension, and the distance between the outermost axles is over 6.70m	32.0t
Trailer	
· with 2 axles	18.0t
· with 3 axles	24.0t
Articulated vehicle	
· with 3 axles	25.0t
· with 4 axles (2+2)	35.0t
· with 5 axles (2+3)	38.0t
· with 5 axles (2+3) with pneumatic suspension	40.0t
· with 5/6 axles (3+2/3)	40.0t
· with 5/6 axles (3+2/3) for the transport of 40' ISO containers	44.0t
Road train	
· with 4 axles (2+2)	35.0t
· with 5/6 axles (2+3, 3+2/3)	40.0t

¹ Drivers of vehicles which exceed a height of 3.65m must check their route as some bridges and tunnels have height restrictions

² Provided the length of the consignment is 15.65m and the length of the cab 2.35m - otherwise, the maximum length remains 18.00m

Source: IRHA, November 1999