

**PERMISSIBLE MAXIMUM WEIGHTS OF LORRIES IN EUROPE (in tonnes)\***

Country	Weight per non-drive axle	Weight per drive axle	Lorry 2 axles	Lorry 3 axles	Road Train 4 axles	Road Train 5 axles and +	Articulated Vehicle 5 axles and +
Albania	10	11.5 (1)	18	26 (2,3)	36	40	44
Armenia	10	11.5	18	24	36 (4)	40 (4)	40 (4)
Austria	10	11.5	18	26	36	40 (5)	40 (5)
Azerbaijan	10	10	18	24	36	42	44
Belarus	10 (6)	10 (6)	18 / 20	24.5 / 25	38 / 40	40 (7)	40 / 42 (8)
Belgium	10	12	19 (9,10)	26 (9,10)	39 (10, 11,12,13)	44 (10,14,15,16, 17,18,19,20,21)	44 (14,18, 20,21,22)
Bosnia-Herzegovina	10	11.5	18	25 / 26	36 / 38	40 / 42	42 / 44 (23,24)
Bulgaria	10	11.5	18	26 (2)	36	40	40
Croatia	10	11.5	18	25 (25)	36	40	40 (5)
Czech Republic	10	11.5	18	26 (2)	32	42 / 48 (26)	48
Denmark (27)	10	11.5	18	24 (28)	38	44 (29)	44 (29)
Estonia	10	11.5	18 (30,31)	26 (2,30,31)	36 (30, 31,32)	40 (30,31,33)	40 (30,31,33,34)
Finland (35)	10	11.5	18	28 (2)	36	44 (36)	44 (36)
France	12 (37)	12 (37)	19	26	38 (38)	40 (39)	40 (39)
Georgia	10	11.5	18	25 / 26 (40)	36	40	40 / 42 (23,24)
Germany	10	11.5	18 (41)	26 (41)	36 (41)	40 (41,42)	40 (41,42)
Greece	7 / 10	13	19	26	38 (43,44)	40 / 42 (45)	40 / 42 (34)
Hungary	10 (46)	11.5 (46)	18 (47)	25 (30,48,49)	36 (30, 49,50)	40 (30,49)	40 / 42 (23,24,30,49)
Ireland	10	11.5 (51)	18	26 (52)	36 (53)	42 (2,54,55,56)	44 (56,57,58,59)
Italy	12	12	18	26 (2)	40	44	44
Latvia	10	11.5	18 (60,61)	25 (40,62,63,64,65)	36 (66,67)	40 (68,69)	40 (70,71,72, 73,74,75,76,77)
Liechtenstein	10	11.5	18	26 (2)	36	40	40
Lithuania	10	11.5	18	25 (25,78,79)	36	40 (80)	40 (34)
Luxembourg	10	12 (81,82)	19	26	44	44 (83)	44
Malta	10	11.5	18	25	36	40	40 (84)
Moldova	10	11.5	18	25 (25)	36	40	40 (84)
Montenegro	10	11.5	18	26 (85)	36	40	40 (84)
Netherlands (27)	10	11.5	21.5	21.5-30.5 (86)	40	50	50
North Macedonia	10	11.5	18	25	36 (32)	40	40
Norway (27,87)	10	11.5	19	26 (30)	39	46-50 (88)	46-50 (89)
Poland	10	11.5	18	26 (2)	36	40	40
Portugal (27)	10 (90)	12	19	26	37 (91)	44 (90)	44 (92)
Romania	10	11.5	18	25 / 26 (40)	36	40	40 / 42 (23,24)
Russia	10	10 (93)	18	25 (94)	36 (38)	40 (95)	40 (95)
Serbia	10	11.5	18 (96)	25 / 26 (25,97)	36 (98)	40	40 / 42 (23,24)
Slovakia	10	11.5	18	26 (2)	40	40	40
Slovenia	10	11.5	18	25 (25,78,99)	36	40	40 (23,100,101)
Spain	10	11.5	18	25 (25)	36 (98)	40	42 / 44 (34,80)
Sweden	10	11.5	18	26 (102)	38 (102)	40 (102)	44 (102)
Switzerland	10	11.5	18	26 (103)	36	40	40
Turkey	10	11.5	18	25 (104)	36 (38,105)	40	40 (106)
Ukraine	11.5 (107)	11.5 (107)	18 (108)	25 (109)	40 (110)	40 (110)	40 (110,111,112, 113)
United Kingdom	10	11.5	18	26 (114)	36 (115)	40 / 44 (116)	40 / 44 (116)

## Notes

\* The information included in the table has been updated between 14 December 2021 and 22 December 2022. Please consult the country sections at <https://www.itf-oecd.org/weights-and-dimensions> to see the date of the last update.

1. National traffic: 10 t.
2. Only with air suspension or similar, and ABS (Anti-lock Braking System).
3. National traffic: 24 t.
4. Above the authorised weight, each additional tone is subject to a fine of AMD 55 (1 USD = 364 AMD) per km.
5. Vehicle engaged in combined transport: 44 t. Austria: initial and final road hauls in combined transport to/from the nearest technically suitable terminal in Austria.
6. With twin wheels: 11.5 t.
7. With 4 axles (2+2) with a distance between the axles of the semi-trailer of 1.80 m to 2.50 m inclusive: 42 t.
8. With 6 axles and more: 40 / 44 t.
9. (Flanders) The maximum authorised weight is increased by the added additional weight required for the alternative fuel or zero-emission technology with a maximum of 1 t. The maximum authorised weight is increased by the added additional weight required for the zero-emission technology with a maximum of 2 t where the driving axle is fitted with twin tyres and air suspension or suspension recognised as being equivalent within the Union as defined in Annex II or where each driving axle is fitted with twin tyres and the maximum weight of each axle does not exceed 9.5 t.
10. (Brussels Capital Region, Wallonia) The maximum authorised weight shall be increased by the added additional weight required for the alternative fuel or zero-emission technology with a maximum of 1 t or 2 t, respectively.
11. (Flanders) Three-axle motor vehicle with one-axle trailer: 36 t.
12. (Flanders) Two-axle motor vehicle with two-axle trailer (with a tandem axle with axle spacing < 1.80 m): 36 t.
13. (Wallonia) Two-axle motor vehicle with a trailer with a tandem axle: 36 t.
14. (Brussel Capital Region) Mechanic suspension: 43 t.
15. (Flanders) Two-axle motor vehicle with three-axle trailer (with axle spacing < 1.80 m): 40 t.
16. (Flanders) Three-axle motor vehicle with two- or three-axle trailer (with axle spacing < 1.80 m and mechanical suspension): 42 t.
17. (Wallonia) Three-axle motor vehicle with trailer with a tandem or tridem axle with mechanic suspension: 42 t.
18. (Wallonia) 50 t in two cases: 1) articulated vehicles consisting of a three-axle tractor and a three axle semi-trailer; 2) trains of vehicles consisting of a motor vehicle with three or more axles and a trailer with three or more axles, subject to the following conditions: a) the set of axles is of the type air suspension or recognised as equivalent; b) the distance between the two axles is greater than or equal to 1.3 m; c) the maximum mass of any tridem is 25 t; d) the articulated vehicle or the vehicle train is equipped with an on-board sensor device indicating the laden mass of the vehicle and the load of axle to the driver; e) the trailer or semi-trailer tractor is in category N3, covered by a certificate of approval issued by a Member State of the European Union, and meets the minimum environmental class EURO VI, in accordance with the Royal Decree of 26 February 1981 implementing the European Communities' Directives on the type-approval of motor vehicles and their trailers, wheeled agricultural or forestry tractors, their components and safety accessories, or in accordance with Regulation (EEC) No 49 ECE; f) EBS (Electronic Braking System), AEB (Automatic Emergency Braking) and ESC (Electronic Stability Control) or RSC (Rolling Stability Control) systems are mandatory and the EBS calculator and modulators provide an immediate response based on the state of charge of the vehicle; g) the driver of a vehicle and train of vehicles shall maintain an interval of at least 50 m with other vehicles and vehicle trains with a maximum authorised mass exceeding 3.5 t; h) the special rules in point 1.4.2 art. 32bis of the Royal Decree laying down general regulations on the technical conditions to be met by motor vehicles and their trailers, their components and safety accessories cannot be applied.
19. (Brussels Capital Region) Mechanic suspension for motor vehicles with tandem or tridem trailers: 42 t.
20. (Flanders) 48 t or 50 t if the following conditions are met: <https://www.vlaanderen.be/tonnageverhoging-voor-vrachtverkeer>.
21. (Flanders) Road trains > 40 t and ≤ 44 t have to meet the requirements of Art. 32bis, pt. 1.4.1.1 ([https://www.ejustice.just.fgov.be/cgi\\_loi/change\\_lg.pl?language=nl&la=N&table\\_name=wet&cn=1968031530](https://www.ejustice.just.fgov.be/cgi_loi/change_lg.pl?language=nl&la=N&table_name=wet&cn=1968031530)).
22. Two-axle tractor with three-axle semi-trailer: mechanical suspension = 43 t; pneumatic suspension = 44 t.
23. Two-axle motor vehicle with three-axle semi-trailer carrying, in intermodal transport operations, one or more containers or swap bodies, up to a total maximum length of 45 ft: 42 t.
24. Three-axle motor vehicle with two- or three-axle semi-trailer carrying, in intermodal transport operations, one or more containers or swap bodies, up to a total maximum length of 45 ft: 44 t.
25. The driving axle is fitted and pneumatic suspension or recognised as equivalent to EU level, or each driving axle is fitted with double tyres and the MMA on each axle does not exceed 9.5 t: 26 t.
26. Five axle (3+2): 44 t. Five-axle (2+3): 42 t. Six-axle: 48 t.
27. Under specific conditions EMS (European Modular System) combinations may have a maximum length of 25.25 m and maximum weight of 60 t.
28. The driving axle is fitted with double tyres and pneumatic suspension: 26 t.
29. Six-axle: 50 t; seven-axle or more: 56 t.
30. The maximum authorised weight is increased by the added additional weight required for the alternative fuel technology with a maximum of 1 t.
31. Zero-emission vehicle: up to 2 t more. Statutory plate must bear the text: "96/53.EC ARTICLE 10B COMPLIANT – XXXX KG.
32. Three-axle tractor with one-axle trailer: 35 t.
33. Three- and more axle tractor with three- and more axle trailer: 44 t.
34. Three-axle motor vehicle with two- or three-axle semi-trailer carrying a 40 ft ISO container as a combined transport operation: 44 t.

35. For vehicles registered in an EEA member country.
36. Five-axle: 44 t; six-axle: 56 t; seven-axle: 60 t; eight-axle: 64-68 t (restrictions for ADR), 69-76 t (not for ADR).
37. Lorry weighting less than 40 t: 13 t.
38. Four-axle (single unit) lorry: 32 t.
39. 44 t is applicable only for road transport operations carried out entirely on the French territory.
40. Vehicle with three axles equipped with double mounted tyres on running axle and with pneumatic suspension or an equivalent system to EU level, or each running axle has double mounted tyres and axle load less than 9.5 t.
41. According to Article 10b of Council Directive 96/53/EC, the maximum authorised weights provided for certain vehicles and vehicle combinations are increased by the additional weight of the alternative fuel or zero-emission technology with a maximum of 1 t and 2 t respectively.
42. Vehicle in intermodal transport operations: 44 t.
43. Three-axle tractor with one-axle trailer: 33 t.
44. Two-axle motor vehicle with two-axle semi-trailer carrying a container: 40 t.
45. Four-axle motor vehicle with one-axle trailer: 38 t. Three-axle motor vehicle with two-axle trailer: 38 t. Two-axle motor vehicle with three-axle trailer: 38 t.
46. +20% if the vehicle is fitted on the same axle with: a) four or more wheels at least 0.65 m distance from each other and two independent suspension; b) three or more wheels fitted with independent suspensions.
47. National traffic: 20 t.
48. Road friendly suspension: 26 t.
49. The maximum authorised weight is increased by the added additional weight required for the zero-emission technology with a maximum of 2 t.
50. Towing vehicle with a semi-trailer where the towing vehicle has a road friendly suspension and the wheelbase of the semi-trailer is  $\geq 1.8$  m: 38 t.
51. Mechanical suspension (national traffic): 10.5 t.
52. Provided that the vehicle is equipped with twin tyres and an air suspension system or an equivalent system on each driving axle, or is equipped with twin tyres and two driving axles neither of which transmits to the surface of a road a weight in excess of 9.5 t. Distance measured from centre of front to centre of rearmost axle allowing 5.5 t per metre, subject to a maximum of 26 t for three-axle rigid.
53. Distance between the rearmost axle of the vehicle and the foremost axle of the trailer less than 3 m: 30 t.
54. Six- or more axle rigid truck and drawbar trailer combinations may operate at 46 t provided they are fitted with road friendly or equivalent suspension and Electronic Braking Systems (EBS). Rigid trucks (with not more than three axles) first registered from 1 June 2015 must also be equipped with Electronic Stability Control (ESC) for 46 t operation, with drawbar trailers first licensed from 1 June 2015 requiring Roll Stability Control (RSC).
55. Two-axle rigid towing a three-axle trailer: 40 t.
56. Mechanically propelled vehicle having at least three axles, air suspension or an equivalent suspension on each driving axle and ABS brakes: 46 t. The vehicle must also be fitted with a plate complying with the requirements of Statutory Instrument 224 of 2000.
57. Six- or more axle articulated vehicle combinations may operate at 46 t provided they are fitted with road friendly or equivalent suspension and Electronic Braking Systems (EBS). Tractor units first registered since 1 April 2013 must also be equipped with Electronic Stability Control (ESC) for 46 t operation, with semi-trailers first licensed since 1 April 2013 requiring Roll Stability Control (RSC).
58. Two-axle motor vehicle with three-axle semi-trailer carrying, in intermodal transport operations, one or more containers or swap bodies, up to a total maximum length of 45 ft can operate to 42 t (subject to 5.5 t per metre rule).
59. Three-axle appropriate motor vehicle with two-axle semi-trailer carrying, in intermodal transport operations, one or more containers or swap bodies, up to a total maximum length of 45 ft.
60. Alternative fuel vehicles where additional weight is required for the alternative fuel technology: 19 t.
61. Zero-emission vehicles where additional weight is required for the zero-emission technology: 20 t.
62. Alternative fuel vehicle where additional weight is required for the alternative fuel technology: 26 t.
63. Three-axle alternative fueled vehicle: the maximum authorised weight is increased by the additional weight required for the alternative fuel technology with a maximum of 1 t if the driving axle is fitted with pneumatic suspension or recognized as equivalent to EU level, or each driving axle is fitted with double tyres and the MMA on each axle does not exceed 9.5 t: 27 t.
64. Zero-emission vehicles where additional weight is required for the zero-emission technology: 27 t.
65. Zero-emission vehicles equipped with double mounted tyres on running axle and with pneumatic suspension or an equivalent system to EU level, or each running axle has double mounted tyres and axle load less than 9.5 t is additional weight is required for the zero-emission technology: 28 t.
66. Combinations of vehicles with a trailer consisting of a two-axle alternative fuel vehicle and a two-axle trailer if additional weight is required for the alternative fuel technology: 37 t.
67. Combinations of vehicles with a trailer consisting of a two-axle zero-emission vehicle and a two-axle trailer if additional weight is required for the zero-emission technology: 38 t.
68. Combinations of vehicles with a trailer consisting of a two-axle alternative fuel vehicle and a three (or more) axle trailer, or a three-axle alternative fuel vehicle and a two (or more) axle trailer, if additional weight is required for the alternative fuel technology: 41 t.
69. Combinations of vehicles with a trailer consisting of a two-axle zero-emission vehicle and a three (or more) axle trailer, or a three-axle zero-emission vehicle and a two (or more) axle trailer, if additional weight is required for the zero-emission technology: 42 t.
70. Combinations of vehicles with a semi-trailer consisting of a two-axle alternative fuel tractor and a three (or more) axle semi-trailer, or a three-axle alternative fuel tractor and a two (or more) axle semi-trailer, if additional weight is required for the alternative fuel technology: 41 t.
71. Combinations of vehicles with a semi-trailer consisting of a two-axle zero-emission tractor and a three (or more) axle semi-trailer, or a three-axle zero-emission tractor and a two (or more) axle semi-trailer, if additional weight is required for the zero-emission technology: 42 t.

72. Combinations of vehicles with a semi-trailer consisting of a two-axle tractor and a three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft: 42 t.
73. Combinations of vehicles with a semi-trailer consisting of a two-axle alternative fuel tractor and a three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft, if additional weight is required for alternative fuel technology: 43 t.
74. Combinations of vehicles with a semi-trailer consisting of a two-axle zero-emission tractor and a three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft, if additional weight is required for alternative zero-emission technology: 44 t.
75. Combinations of vehicles with a semi-trailer consisting of a three-axle tractor and a two-axle or three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft: 44 t.
76. Combinations of vehicles with a semi-trailer consisting of a three-axle alternative fuel tractor and a two-axle or three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft, if additional weight is required for alternative fuel technology: 45 t.
77. Combinations of vehicles with a semi-trailer consisting of a three-axle zero-emission tractor and a two-axle or three-axle semi-trailer which, during intermodal transport operations, carries one or more containers or swap bodies with a maximum overall length not exceeding 45 ft, if additional weight is required for alternative zero-emission technology: 46 t.
78. Vehicle using alternative fuels: 26 t.
79. The driving axle is fitted and pneumatic suspension or recognized equivalent to EU level, or where each driving axle is fitted with double tyres and the MMA on each axle does not exceed 9.5 t and used alternative fuels: 27 t.
80. Two-axle motor vehicle with three-axle semi-trailer carrying a 40 ft ISO container as a combined transport operation: 42 t.
81. Mechanical suspension: 11.5 t.
82. 5 axles lorry up to 50 t: 11.5 t.
83. 5 axles lorry with trailer: 50 t.
84. 40 ft long ISO containers: 44 t.
85. Only with air suspension or similar and double mounted tyres.
86. Depending on the distance between the axles, number of driven axles, type of suspension and single or double mounted tyres.
87. The Norwegian road network is divided into categories in terms of permitted weights and dimensions. The permitted weights listed here apply to roads with the Bk 10/50 classification.
88. Five-axle (3 + 2): 46 t; five-axle (2 + 3): 47 t.; six-axle: 50 t; timber transport between 19.5 m and 24 m with an overall wheelbase of at least 19 m: 60 t.
89. Five-axle [(2 + 3) fixed]: 43 t; five-axle (2 + 3 [with a tandem axle with axle spacing 1.30-1.79 m followed by a positive steering axle at a distance of more than 1.79 m, where at least the fixed axles has twin wheels]): 46 t; five-axle (3 + 2 [axle spacing 1.30-1.79 m]): 43 t; five-axle (3 + 2 [axle spacing  $\geq$  1.80 m]): 46 t; six-axle (3 + 3): 50 t.
90. Increased values are applicable for certain types of transport.
91. Tractor with semi-trailer, combination with four axles: 38 t.
92. 44 t is applicable for two 20 ft or one 40 ft ISO containers. 60 t is allowed under specific conditions: transportation of woody material, paper, wood paper and ceramic products.
93. Road sections constructed according to this norm: 11.5 t.
94. Three-axle road train: 28 t.
95. Six-axle and more: 44 t.
96. Two-axle alternatively fueled motor vehicles other than buses: the maximum authorised weight is increased by the additional weight required for the alternative fuel technology with a maximum of 1 t.
97. Three-axle alternatively fueled motor vehicles: the maximum authorised weight is increased by the additional weight required for the alternative fuel technology with a maximum of 1 t.
98. Articulated vehicles with four axles: 38 t in the following cases: a) the driving axle is fitted with twin tyres 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); b) the semi-trailer (the wheelbase of the semitrailer is  $\geq$  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.
99. Three-axle zero-emission vehicle: the maximum authorised weight of 25 t, or 26 t where the driving axle is fitted with twin tyres and air suspension or suspension recognised as being equivalent within the EU as defined in Annex II, or where each driving axle is fitted with twin tyres and the maximum weight of each axle does not exceed 9.5 t, is increased by the additional weight required for the zero-emission technology with a maximum of 2 t.
100. 44 t is applicable for triaxle tractor with a two or triaxle trailer in combined transport transporting the container(s) or if the trailer has been strengthened for unattended transport service or if the trailer has been adapted for interchangeable load compartments, and on highway section A3 Terminal Sežana – Terminal Fernetiči, No. of section 0372.
101. In the case of vehicle combinations including alternative fuel or zero-emission vehicles, the maximum authorised weights provided for in this section shall be increased by the additional weight of the alternative fuel or zero-emission technology with a maximum of 1 t and 2 t respectively.
102. These maximum authorized vehicle weights are always allowed for vehicles and road trains which are mainly used in international road traffic. The permissible weight of a vehicle is determined by the distance between the outermost axle of the vehicle or road train and, in some cases they are allowed to weigh more. For more details, see [Appendix 1](#).
103. Only with twin tyres and air suspension or similar (otherwise only 25 t), and ABS (Anti-lock Braking System) (cf. EU regulation RL 96/53/EG).
104. With the conditions laid down in Regulation for type approval: 26 t.
105. Vehicle with four axles and axle group weight of 20 t of the semi-trailer: 38 t.

106. Three-axle motor vehicle with two- or three-axle semi-trailer carrying a 40 ft ISO container: 44 t.
107. On local roads: 7 t.
108. On local roads: 14 t.
109. On local roads: 21 t.
110. On local roads: 24 t.
111. For two-axle motor vehicle with three-axle semi-trailer or three-axle motor vehicle with two-axle semi-trailer.
112. Two-axle motor vehicle with three-axle semi-trailer (container truck) carrying one or more containers or swap bodies, up to a total maximum length of 45 ft: 42 t.
113. Three-axle motor vehicle with two or three-axle semi-trailer (container truck) carrying one or more containers or swap bodies, up to a total maximum length of 45 ft: 44 t.
114. Only with air suspension or similar.
115. Four-axle articulated vehicle with air suspension or similar and above other requirements: 38 t.
116. For general operation at 44 t, at least six axles are required. The drive axle(s) must not exceed 10.5 t and have twin tyres/road friendly suspension. Vehicles not having road friendly suspension on the drive axle(s) must have twin tyres and a maximum axle weight not exceeding 8.5 t. Each part of the combination must have at least three axles and the trailer must have road friendly suspension.