






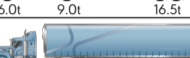















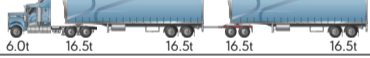







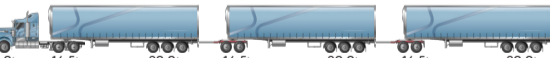
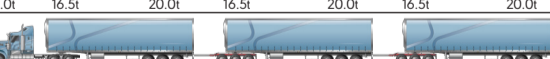










# National Heavy Vehicle Regulator Common Heavy Freight Vehicle Configurations

**Disclaimer:** This diagram shows some of the common heavy vehicle combinations used in Australia. Other heavy vehicle configurations may not be represented. The mass and length limits shown are from the Heavy Vehicle (Mass, Dimension and Loading) National Regulation (the MDL Regulation) and are provided for general guidance only. These limits are available only to vehicles that comply with all other regulatory requirements (e.g. width and height limits, tyre width, vehicle standards, load restraint, suspension type etc). In some circumstances, other mass concessions and length limits may also be available. The NHVR website provides links to the MDL Regulation and to national and state Notices which may apply, depending on individual circumstances. For further information, contact the NHVR at 1300 MYNHVR (1300 696 487) or info@nhvr.gov.au or www.nhvr.gov.au/contact-us

	Description	Maximum Length (metres)	Maximum Regulatory Mass under GML (tonnes)	Maximum Regulatory Mass under CML (tonnes)	Maximum Regulatory Mass under HML (tonnes)
<b>COMMON RIGID TRUCKS - GENERAL ACCESS</b>					
1	 2 Axle Rigid Truck	≤ 12.5	15.0	CML does not apply	-
2	 3 Axle Rigid Truck	≤ 12.5	22.5	23.0	-
3	 4 Axle Rigid Truck	≤ 12.5	26.0	27.0	-
4	 4 Axle Twinsteer Rigid Truck	≤ 12.5	26.5	27.0	-
5	 5 Axle Twinsteer Rigid Truck	≤ 12.5	30.0	31.0	-
<b>COMMON SEMITRAILER COMBINATIONS - GENERAL ACCESS</b>					
6	 3 Axle Semitrailer	≤ 19.0	24.0	-	-
7	 4 Axle Semitrailer	≤ 19.0	31.5	32.0	32.0
8	 5 Axle Semitrailer	≤ 19.0	35.0	36.0	37.5
9	 5 Axle Semitrailer	≤ 19.0	39.0	40.0	40.0
10	 6 Axle Semitrailer	≤ 19.0	42.5	43.5	45.5
<b>COMMON RIGID TRUCK AND TRAILER COMBINATIONS (General access when complying with prescribed mass and dimension requirements)</b>					
11	 2 Axle Truck and 2 Axle Dog Trailer	≤ 19.0	30.0	-	-
12	 2 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	30.0	CML does not apply	-
13	 3 Axle Truck and 2 Axle Dog Trailer	≤ 19.0	40.5	41.0	-
14	 3 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	37.5	CML does not apply	-
15	 3 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
16	 3 Axle Truck and 3 Axle Pig Trailer	≤ 19.0	40.5	CML does not apply	-
17	 3 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
18	 4 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
19	 4 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
<b>COMMON B-DOUBLE COMBINATIONS - CLASS 2</b>					
20	 7 Axle B-double	≤ 19.0	55.5	57.0	57.0
21	 8 Axle B-double	≤ 26.0	59.0	61.0	62.5
22	 8 Axle B-double	≤ 26.0	59.0	61.0	62.5
23	 9 Axle B-double	≤ 26.0	62.5	64.5	68.0
<b>COMMON TYPE 1 ROAD TRAINS - CLASS 2</b>					
24	 9 Axle A-double	≤ 36.5	72.0	74.0	74.0
25	 11 Axle A-double	≤ 36.5	79.0	81.0	85.0
26	 12 Axle A-double	≤ 36.5	82.5	84.5	90.5
27	 12 Axle Modular B-triple	≤ 35.0	82.5	84.5	90.5
28	 12 Axle B-triple	≤ 36.5	82.5	84.5	90.5
29	 14 Axle AB-triple	≤ 36.5	99.0	101.0	107.5
30	 15 Axle AB-triple	≤ 36.5	102.5	104.5	113.0
31	 11 Axle Rigid Truck and 2 Dog Trailers	≤ 36.5	88.5	90.5	91.0
<b>COMMON TYPE 2 ROAD TRAINS - CLASS 2</b>					
32	 16 Axle A-triple	≤ 53.5	115.5	117.5	124.5
33	 18 Axle A-triple	≤ 53.5	122.5	124.5	135.5
34	 15 Axle AB-triple	≤ 44.0 - Classified by the NHVR as Type 1 when L ≤ 36.5m	102.5	104.5	113.0
35	 13 Axle Rigid Truck and 2 Dog Trailers	≤ 47.5 - Classified by the NHVR as Type 1 when L ≤ 36.5m	95.5	97.5	102.0
36	 17 Axle BAB-Quad	≤ 53.5	119.0	121.0	130.0
37	 18 Axle BAB-Quad	≤ 53.5	122.5	124.5	135.5
38	 17 Axle ABB-Quad	≤ 53.5	119.0	121.0	130.0
39	 18 Axle ABB-Quad	≤ 53.5	122.5	124.5	135.5

\*Add one tonne if twinsteer axle group is load sharing. \*\*The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation. Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.