



Grain Transport Safety Network Truck Chart

Truck Chart - South Australia



Maximum Length		19.0m up to 20.0m ¹		26.0m	36.5m							
Category	Code	Image			Description	GML	GML + Notice ²	HML ³	0.5t Steer ⁴	1.0t Steer ⁵	1.1t Steer ⁶	
Truck & Dog Trailer	16				3 Axle Rigid Truck and 3 Axle Dog Trailer ⁷	43.50 16G	45.00 16N19 48.00 16N23	PBS truck: Refer footnote ⁷	16GE 16NE 16N19E 16N23E	16G1 16N191 16N231		
	76				3 Axle Rigid Truck and 4 Axle Dog Trailer ⁷	43.50 76G	50.00 ⁸ 76N19 76N20 55.50 ⁹ 76N23 57.50 ¹⁰ 76N20RE		76GE 76N19E 76N20E 76N23E 76N20RE 76N23E	76G1 76N191 76N201 76N231 76N20R1		
	87				3 Axle Rigid Truck and 5 Axle Dog Trailer	59.00 87G	59.00 87N23		87GE 87N23E	87G1 87N231		
Semitrailer	12					6 Axle Semitrailer	43.50 12G		45.50 12H	12GE 12HE	12G1 12H1	√ ¹¹
B-double	83					7 Axle B-double	57.00 83G	51.00 ¹² 83N	57.00 83H	83GE 83HE	83G1 83H1	
	68					9 Axle B-double	64.50 68G		68.00 68H	68GE 68HE	68G1 68H1	
Road train	28				11 Axle Road train (A-double)	81.00 28G		85.00 28H	28GE 28HE	28G1 28H1	28GES 28HES	
	91				12 Axle Road train (A-double)	84.50 91G		90.50 91H	91GE 91HE	91G1 91H1	91GES 91HES	
AB-triple	88				14 Axle AB-triple Road train with 2 Axle Dolly	101.00 88G		107.50 88H	88GE 88HE	88G1 88H1	88GES 88HES	
	96				15 Axle AB-triple Road train with 3 Axle Dolly	104.50 96G		113.00 96H	96GE 96HE	96G1 96H1	96GES 96HES	
All gross combination mass limits are in tonnes GML = General Mass Limit HML = Higher Mass Limit. Requires HVA/NHVAS Mass accreditation, HML network access (notice or permit), and TMA or IAP in NSW and Qld. Mass Limits shown are the maximum permitted masses. Where the vehicle's Gross Combination Mass (GCM) or Gross Vehicle Mass (GVM) rating is lower, the lower rating applies. Disclaimer: This information is provided as a guide only. Operators are responsible for complying with all applicable legislation, notices, permits and vehicle manufacturer ratings. Further information: NHVR: www.nhvr.gov.au GTSN: www.gtsn.com.au						Truck Book Link		NHVR website		NHVAS Mass Sticker		HVA Sticker
												

¹ Several common heavy vehicle combinations are allowed to be up to 20 m long (up from 19 m), subject to compliance with matching truck and semi-trailer wheelbase dimensions and equipment requirements.

² Notice refers to:

a) *National Class 3 20m Long 3-axle Truck and 4-axle Dog Trailer Mass and Dimension Exemption Notice 2026 (No.2)*. GHMS concessions do not apply to permit mass limits.

b) *National Class 2 B-double Authorisation Notice 2026 (No. 1)*.

³ HML requirements:

- SA and Vic: HVA or NHVAS Mass accreditation required.
- NSW and Qld: HVA or NHVAS Mass accreditation and approved GPS tracking required.

⁴ 0.5t steer axle allowance applies to trucks over 15t GVM fitted with eligible technology, including ADR 80/01 (Euro IV) engines, or later models, and Front Under-run Impact Protection (FUPS).

⁵ 1.0t steer axle allowance applies to trucks complying with ADR 80/04 (Euro VI) that also meet the 0.5t steer axle allowance requirements.

⁶ 1.1t steer axle allowance applies to Road Train and AB-triple combinations fitted with steer tyres at least 375mm wide that also meet the 0.5t steer axle allowance requirements.

⁷ Trucks may operate as *PBS vehicles under the National Class 2 PBS Level 1 & 2a Truck and Dog Trailer Authorisation Notice 2026 (No. 1)* on routes with PBS Level 2A or higher access, subject to the mass limits shown below. All PBS vehicles must hold a PBS Vehicle Approval. PBS Mass 2 and PBS Mass 3 vehicles require HVA or NHVAS Mass accreditation. PBS Mass 3 vehicles require approved GPS tracking (TMA or IAP) in NSW and Qld. PBS Mass 3 masses may only be used on the PBS HML Network. An NHVR access permit is required where the PBS network access is unavailable.

Code	PBS (Mass 1) GPBS	PBS (Mass 2) CPBS	PBS (Mass 3) HPBS
16	48.50	49.50	49.50
76	56.00	57.50	57.50
87	59.50	61.50	63.00

⁸ Mass limits apply for trucks that comply with the *National Class 3 Truck and Dog Trailer Mass Exemption Notice 2023 (No. 1)*.

⁹ *South Australia Class 3 Truck and Dog Trailer (up to 23m long) Mass and Dimension Exemption Notice 2025 (No. 1)*.

¹⁰ Mass limits apply to vehicles operating under the *National Class 3 20m Long 3-axle Truck and 4-axle Dog Trailer Mass and Dimension Exemption Notice 2026 (No.2)* on the PBS Level 2A Network.

¹¹ A 1.1t steer axle allowance applies to B-doubles and semi-trailers fitted with road train prime movers and steer tyres wider than 365mm operating under the *National Class 3 Road Train Prime Mover Mass and Dimension Exemption Notice 2026 (No. 1)*, subject to the following network requirements:

	Qld	NSW	Vic	SA
Semitrailer	Qld 25/26 metre B-double Network	NSW 25/26 B-double GML Network	Vic B-Double Network	SA PBS Level 1A Network
B-double	Qld 25/26 metre B-double Network	NSW GML Type 1 A-double Network	Vic Road Train Network	SA 26m B-Double (GML) Network

¹² On general access (non-B-double) routes, GML is limited to 51.0t.