

Short B-Double Combinations– Information sheet

This document provides information to heavy vehicle operators running short B-Double combinations up to 19 metres in length.

The information provided in this document is based on the Heavy Vehicle (Mass, Dimension and Loading) National Regulation and *the National Class 2 Heavy Vehicle B-Double Authorisation (Notice)*.

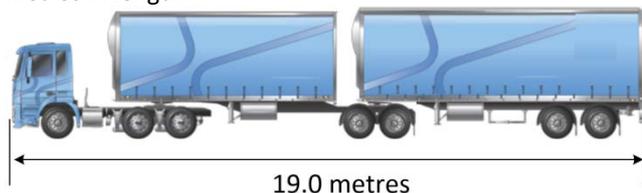
What is a short B-Double combination?

A short B-Double combination consists of a prime mover towing two semitrailers, with the first semitrailer being attached directly to the prime mover by a fifth wheel coupling and the second semitrailer being mounted on the rear of the first semitrailer by a fifth wheel coupling located on the first semitrailer.

Length Limits

General access “Short B-Double” combinations are limited to a maximum length of 19.0 metres in all participating states, except Tasmania.

Tasmania allows short B-Double combinations up to 21.0* metres in length.



*21.3 metres in length is also permitted if the rear trailer has a rear load restraining guard that complies with the Tasmanian Forestry Safety Code. Further information can be found in the *National Class 2 Heavy Vehicle B-Double Authorisation (Notice)*.

Mass limits

The axle group mass limits are:

Mass limits (t)	
Steer axle ¹	6.0
Tandem axle	16.5

¹6.5 t if the vehicle is fitted with a complying steer axle.

A complying steer axle vehicle means a heavy vehicle with a single steer axle if the vehicle has all of the following —

- an engine complying with the emission control requirements contained in ADR 80/01 (Euro IV engine) or a later version of ADR 80;
- a front underrun protection device that complies with UN ECE Regulation No. 93 or ADR 84–Front Underrun Impact Protection;
- a cabin that complies with UN ECE Regulation No. 29;

- appropriately rated tyres, axle and suspension to permit 6.5t on the steer axle;
- a GVM of 15t or more.

General access Gross Combination Mass (GCM) limits

Short B-Double combinations have the following GCM limits:

State	Approved Area ²	GML ⁴	CML
NSW	All roads	up to 50.0t	up to 51.0t
QLD	All roads	up to 50.0t	up to 51.0t
SA	All roads	up to 42.5t	up to 43.5t
TAS ³	All roads	up to 50.0t	up to 51.0t
VIC	All roads	up to 50.0t	up to 51.0t

² Unless signposted.

³ Note: Tasmania – The vehicle combination must be fitted with no more than 7 axles.

⁴ Add 0.5 tonnes to the vehicle combination GCM if it is fitted with a complying steer axle.

Please note that the short B-Double combinations must meet the axle spacing requirements *National Class 2 Heavy Vehicle B-Double Authorisation (Notice)*.

What access is available for greater than 50 tonnes?

Short B-double combinations may operate up to **55.5 tonnes** on approved networks as per the *National Class 2 Heavy Vehicle B-Double Authorisation (Notice)*.

Any additional roads outside of these networks require a permit from the National Heavy Vehicle Regulator.

For more information:

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*Standard 1300 call charges apply. Please check with your phone provider.

The table below indicates the network access available and mass restrictions associated with the notice and applicable schedules:

State	Approved Area	GML (t) ⁵	CML/HML (t) ⁵
NSW	Roads and Maritime Services - Restricted Access Vehicle Maps 19.0m B-Double Routes (over 50 tonnes) Network	up to 55.5	up to 57.0
QLD	Department of Transport and Main Roads – Multiple Combination Routes in Queensland Maps (23.0m B-Doubles)	up to 55.5	up to 57.0
SA	Department of Planning Transport and Infrastructure – RAVnet Maps (23.0m B-Doubles GML)	up to 55.5	up to 57.0
TAS	Department of State Growth - Tasmanian Declared Higher Mass Limit Route Network	up to 55.5	Up to 57.0
VIC	VicRoads – Heavy Vehicle Network Maps	up to 55.5	up to 57.0

⁵ Add 0.5 tonnes to the vehicle combination GCM if it is fitted with a complying steer axle.

Concessional Mass limits (CML)

CML are applicable to operators accredited under the National Heavy Vehicle Mass Management Accreditation Scheme (NHVAS).

State Network Links

New South Wales – Roads and Maritime Services

Restricted Access Vehicle Maps:

<http://www.rms.nsw.gov.au/business-industry/heavy-vehicles/maps/restricted-access-vehicles-map/map/index.html>

Queensland – Department of Transport and Main Roads

Multiple Combination Routes in Queensland Maps:

<https://www.tmr.qld.gov.au/business-industry/Heavy-vehicles/Multi-combination-vehicles/Maps.aspx>

South Australia – Department of Planning, Transport and Infrastructure RAVnet Maps:

<http://maps.sa.gov.au/ravnet/index.html>

Tasmania – Department of State Growth Heavy Vehicle

Tasmanian Declared Higher Mass Limit Route Network:

http://www.transport.tas.gov.au/vehicles/heavy_vehicles/access/pages/tasmanian_declared_higher_mass_limit_route_network

Victoria – VicRoads

Heavy Vehicle Network Maps in Victoria

<https://www.vicroads.vic.gov.au/business-and-industry/heavy-vehicle-industry/heavy-vehicle-map-networks-in-victoria>