

Modular B-triple Combination
Length: 35.0 metres

20.0t	20.0t	20.0t	16.5t	6.0t ^{1,2}
GML Total Combination Mass: 82.5t ²				
21.0t	21.0t	21.0t	17.0t	6.0t ^{1,2}
CML Total Combination Mass: 84.5t ²				
22.5t	22.5t	22.5t	17.0t	6.0t ^{1,2}
HML Total Combination Mass: 90.5t ²				

- Increase mass by 0.5 tonnes for a Complying Steer Axle.
- Increase mass by 0.7 tonnes for a prime mover forming part of a road train with tyres of at least 375mm.

What is a modular B-triple?

A modular B-triple means a heavy combination not longer than 35m consistent of B-triple in which:

- the combination can form a compliant B-double if any one semi-trailer is removed; and
- the distance from the articulation point of the first trailer to the rear of the combination is no longer than 29.6m; and
- the prime mover is rated by the manufacturer for a startability of 10 per cent and a gradeability of 12 per cent; and
- the prime mover is capable of maintaining a minimum speed of 70km/h on a one per cent grade at a Gross Combination Mass (GCM) rating of 84.5t; and
- the prime mover must have an engine with a maximum power output of not less than 370 kW (500 horsepower (hp)).

What notices do I need to operate?

Modular B-triples in NSW are able to operate under the [National Class 2 Heavy Vehicle Road Train Authorisation Notice 2022](#). The notice works in conjunction with the [National Class 2 Road Train](#)

[Authorisation Notice 2022 Operator's Guide | NHVR](#) which contains further information about conditions and approved routes.

All Modular B-triples are speed limited to a maximum of 90km/h or the sign-posted speed limit, whichever the lower in NSW. Please note there are additional requirements for road trains operating east of the Newell Highway outlined below.

How can I apply for access on non-approved routes?

Operators can make applications for access on non-approved routes via access permit through the [National Heavy Vehicle Regulator](#). In line with the [Heavy Vehicle Access Policy Framework](#), Transport for NSW will only consider access for non-approved routes east of the Newell Highway for road trains with Performance Based Standards (PBS) Level 3 performance. However, temporary access will be considered for all road train types involved in drought relief tasks.

Contact us

If you have any further questions, please contact Transport for NSW at: freight@transport.nsw.gov.au

Road/area	General Mass Limits (GML)	Concessional Mass Limits (CML)	Higher Mass Limits (HML)	Livestock Loading Scheme (LLS)
West of the Newell Highway	No additional requirements	Enrolled in the National Heavy Vehicle Access Scheme (NHVAS) Mass Management Accreditation Scheme	Enrolled in the NHVAS Mass Management Accreditation Scheme	No access
Newell Highway			Fitted with certified road friendly suspension	
East of the Newell Highway	Enrolled in the NHVAS Maintenance Management Accreditation Scheme	Enrolled in the NHVAS Maintenance Management Accreditation Scheme Enrolled in the NHVAS Mass Management Accreditation Scheme	Enrolled in the NHVAS Maintenance Management Accreditation Scheme Enrolled in the NHVAS Mass Management Accreditation Scheme	No access
		Fitted with certified road friendly suspension	Enrolled in the Telematics Monitoring Application (TMA) with Transport Certification Australia or the Intelligent Access Program (IAP) with Transport for NSW.	
Network Map	GML/CML Modular B-triple network on the Transport for NSW Restricted Access Vehicle Map	GML/CML Modular B-triple network on the Transport for NSW Restricted Access Vehicle Map	HML Modular B-triple network on the Transport for NSW Restricted Access Vehicle Map	



This document contains important information about public transport projects in your area. If you require the services of an interpreter, please contact the Translating and Interpreting Service on 131 450 and ask them to call Transport for NSW on 1800 549 159. The interpreter will then assist you with translation.