



A-double/Type 1 Road Train Combination with Tandem Axle Dolly
Length: 36.5 metres



20.0t	16.5t	20.0t	16.5t	6.0t ^{1,2}
GML Total Combination Mass: 79.0t ^{1,2}				
21.0t	17.0t	21.0t	17.0t	6.0t ^{1,2}
CML Total Combination Mass: 81.0t ^{1,2}				
22.5t	17.0t	22.5t	17.0t	6.0t ^{1,2}
HML Total Combination Mass: 85.0t ^{1,2}				

- 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.

A-double/Type 1 Road Train Combination with Tri-axle Dolly
Length: 36.5 metres



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

- 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 Type 1 A-double?

A Type 1 A-double means a heavy combination not longer than 36.5m consisting of a prime mover towing two trailers in which:

- the first semitrailer is connected to the prime mover by a roll coupled connection; and
- the second trailer is a dog trailer

Note: A Type 1 A-double road train can comprise of either a tandem axle dolly or a tri-axle dolly.

What notices do I need to operate?

Type 1 A-doubles 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 Type 1 A-doubles are speed limited to a maximum of 90km/hr or the sign-posted speed limit, whichever is 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

Vehicle Type	Road/area	General Mass Limits (GML)	Concessional Mass Limits (CML)	Higher Mass Limits (HML)	Livestock Loading Scheme (LLS)
Type 1 A-double tri-axle dolly and tandem axle dolly	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	Combined loading spacing available for the carriage of animals not exceeding 26.2m
	Newell Highway			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.

Vehicle Type	Road/area	General Mass Limits (GML)	Concessional Mass Limits (CML)	Higher Mass Limits (HML)	Livestock Loading Scheme (LLS)
Type 1 A-double tri-axle dolly (not transporting livestock)	East of the Newell Highway	<p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Minimum distance between the centres of the outermost axles of a road train of at least 26.5 metres</p>	<p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p> <p>Minimum distance between the centres of the outermost axles of a road train of at least 26.5 metres</p>	<p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Fitted with certified road friendly suspension</p> <p>Enrolled in the Telematics Monitoring Application (TMA) with Transport Certification Australia or the Intelligent Access Program (IAP) with Transport for NSW.</p> <p>Minimum distance between the centres of the outermost axles of a road train of at least 26.5 metres</p>	N/A
Type 1 A-double tandem axle dolly (not transport livestock)	East of the Newell Highway	<p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p>	<p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p>	<p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p>	N/A

Vehicle Type	Road/area	General Mass Limits (GML)	Concessional Mass Limits (CML)	Higher Mass Limits (HML)	Livestock Loading Scheme (LLS)
				<p>Fitted with certified road friendly suspension</p> <p>Enrolled in the Telematics Monitoring Application (TMA) with Transport Certification Australia or the Intelligent Access Program (IAP) with Transport for NSW.</p>	
Type 1 A-double tri-axle dolly (livestock load)	East of the Newell Highway	Enrolled in the NHVAS Maintenance Management Accreditation Scheme	<p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p> <p>Not exceed GML axle mass on the tri-axle dolly</p>	<p>Enrolled in the NHVAS Mass Management Accreditation Scheme</p> <p>Enrolled in the NHVAS Maintenance Management Accreditation Scheme</p> <p>Fitted with certified road friendly suspension</p> <p>Enrolled in the Telematics Monitoring Application (TMA) with Transport Certification Australia or the Intelligent Access Program (IAP) with Transport for NSW</p> <p>Not exceed GML axle mass on the tri-axle dolly</p>	<p>Combined loading spacing available for the carriage of animals not exceeding 26.2m</p> <p>Minimum distance between the centres of the outermost axles of a road train of at least 26.5 metres</p> <p>Fitted with certified road friendly suspension</p> <p>Operator and vehicle enrolled in the LLS with Transport for NSW with a NSWLLS label displayed on the vehicle</p> <p>Driver of vehicle has completed the</p>

Vehicle Type	Road/area	General Mass Limits (GML)	Concessional Mass Limits (CML)	Higher Mass Limits (HML)	Livestock Loading Scheme (LLS)
					LLS driver training course and carries NSWLLS Driver Card Not exceed GML axle mass on the tri-axle dolly.
Type 1 A-double tandem axle dolly (livestock load)	East of the Newell Highway	No access			
Type 1 A-double	Network Map	GML/CML Type 1 A-double network on the Transport for NSW Restricted Access Vehicle Map	GML/CML Type 1 A-double network on the Transport for NSW Restricted Access Vehicle Map	HML Type 1 A-double network on the Transport for NSW Restricted Access Vehicle Map	Road Train LLS network



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.