

# MASS LIMIT OF TYPICAL HEAVY VEHICLES

**2 AXLE RIGID TRUCK**



Configuration: R1-1 Length: 12.5m Mass: 15 tonne

**3 AXLE RIGID TRUCK**



Configuration: R1-2 Length: 12.5m Mass: 22.5 tonne

**4 AXLE RIGID TRUCK**



Configuration: R2-2 Length: 12.5m Mass: 27.5 tonne

**5 AXLE ARTICULATED VEHICLE**



Configuration: A1-2-2 Length: 19m Mass: 39 tonne

**6 AXLE ARTICULATED VEHICLE**



Configuration: A1-2-3 Length: 19m  
Mass: 42.5 tonne

**RIGID TRUCK AND 4 AXLE DOG TRAILER**



Configuration: R1-2, T2-2 Length: 19m  
Mass: 55.5 tonne

**RIGID TRUCK AND 5 AXLE DOG TRAILER**



Configuration: R1-2, T2-3 Length 25m  
Mass: 59 tonne

**RIGID TRUCK AND 5 AXLE DOG TRAILER**



Configuration: R2-2, T2-3 Length 25m Mass: 64 tonne

**B DOUBLE**



Configuration: A1-2-3-3 Length: 27.5m Mass: 62.5 tonne

**DOUBLE ROAD TRAIN**



Configuration: A1-2-3, T2-3 Length: 36.5m Mass: 79 tonne

**DOUBLE ROAD TRAIN**



Configuration: A1-2-2, T2-2 Length 27.5m Mass: 72 tonne

**ROAD TRAIN: B DOUBLE AND DOG TRAILER**



Configuration: A1-2-3-3, T2-3 Length 36.5m Mass: 99 tonne

**ROAD TRAIN: B TRIPLE**



Configuration: A1-2-3-3-3 Length 36.5m Mass: 82.5 tonne

**ROAD TRAIN: RIGID TRUCK AND TWO DOG TRAILERS**



Configuration: R2-2, T2-3, T2-3 Length: 36.5m Mass: 100.5 tonne

**TRIPLE ROAD TRAIN**



Configuration: A1-2-3, T3-3, T3-3 Length: 53.5m Mass: 122.5 tonne

AXLE GROUP	MASS LIMIT (Tonnes)
Single Steer	6
Twin Steer	11
Single	9
Tandem	16.5
Triaxle	20

## EXAMPLES

R1-1: 6 + 9 = 15 tonnes  
 A1-2-3: 6 + 16.5 + 20 = 42.5 tonnes  
 A2-2-3-3: 11 + 16.5 + 20 + 20 = 67.5 tonnes

## DISCLAIMER

The mass limits shown are representative of the allowable limits, and should be used as a guide only. A vehicle or vehicle combination should not exceed mass limits specified by the vehicle licence, the manufacturer, tyre limits axle spacing or other limits required by legislation or permit.

The lengths shown are representative of those allowed and should only be used as a guide.

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