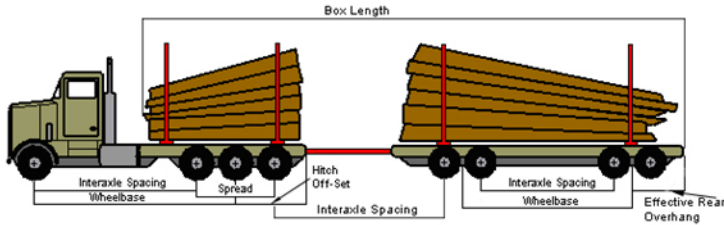


Tridem Drive Log Truck + 4 Axle Trailer Regulation Summary

Part 1 – Dimension Limits



DIMENSION LIMIT

Overall Length	Maximum 25.0 metres
Overall Width	Maximum 2.6 metres
Overall Height	Maximum 4.15 metres
Box Length	Maximum 20.5 metres
Truck	
Length	Maximum 12.5 metres
Wheelbase	Minimum 6.6 metres
Effective rear overhang	Maximum 4.0 metres
Hitch offset	Maximum 2.6
Track Width	Minimum 2.5 metres / Maximum 2.6 metres
Tridem Axle Spread	Minimum 2.4 metres / Maximum 2.8 metres
4 Axle Trailer (Full Trailer)	
Trailer Length	Maximum 12.5 metres
Wheelbase	Minimum 6.25 metres
Effective Rear Overhang	Maximum 4.0 metres
Tandem Axle Spread	Minimum 1.0 metres / Maximum 1.85 metres
Track Width	Minimum 2.5 metres / Maximum 2.6 metres
Interaxle Spacings	
Single Steer to Tridem Axle	Minimum 3.0 metres
Tridem Axle to Tandem Axle	Minimum 5.5 metres
Tandem Axle to Tandem Axle	Minimum 5.0 metres

Definitions as per [Commercial Vehicle Dimension and Weight Regulation AR315/2002](#)

Effective rear overhang

The longitudinal distance from the turn centre of the rear axle group of a commercial vehicle to the rearmost point of:

- (i) the vehicle, or
- (ii) the load on the vehicle,

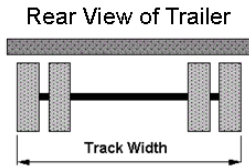
whichever is the greater distance

Hitch Offset

The longitudinal distance from the rear turn centre of a semi-trailer, truck or full trailer to the centre of the hitching mechanism provided for towing a trailer behind the semi-trailer, truck or full trailer

Track Width

The overall width of an axle measured from the outside of the outside tire located on one side of the vehicle to the outside of the outside tire located on that axle on the other side of the vehicle at any point above the lowest point of the rim.



Tridem drive axle group

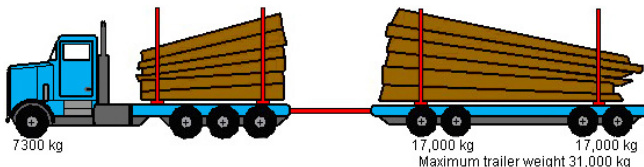
A driving axle group or axle group, on a truck or truck tractor, consisting of 3 driving axles:

- (i) equally spaced
- (ii) with a track width of between 2.5 metres and 2.6 metres,
- (iii) on a common suspension designed to equalize the weight between the axles,
- (iv) with a minimum of 12 tires, and,
- (v) with all tires of the same size and a minimum width of 255 millimetres, as determined by the manufacturer's width shown on the tire, but does not include a lift axle or a self steering axle

Truck Tractor Wheelbase

The longitudinal distance from the centre of the steering axle or twin steer axle group located on a truck tractor to the turn centre

Part 2 – Weight Limits



WEIGHT LIMIT

Steering Axle (minimum tire size 305 mm)	Maximum 7300 kg Steering axle must have a minimum weight of 25% of the drive axle weight at all times
Tridem Drive Axle – Dual tires (minimum tire size 255 mm)	Maximum 23,000 kg *
Tandem Trailer Axle – Dual tires	Maximum 17,000 kg Maximum combination weight of 31,000 kg on trailer
Gross Vehicle Weight Limits	61,300 kg

Note: All axle weights are subject to minimum tire size. (Chart below)

Maximum steering axle weight as per [Commercial Dimension and Weight Regulation AR 315/2002](#)

9(1) Subject to section 62 of the Act and section 12(1) of this Regulation, no person shall operate a commercial vehicle on a highway when

- (a) the gross weight on a tire exceeds the smallest of the following:
 - (i) 3,650 kilograms;

- (ii) the capacity determined by multiplying the cross section dimension of the tire in millimetres, as determined by the manufacturer's width shown on the tire, by 10 kilograms;
- (b) the gross weight on
 - (i) a steering axle exceeds
 - (A) in the case of a truck tractor, 5,500 kilograms;
 - (B) in the case of a truck, bus, picker truck, bed, truck or winch truck, 7,300 kilograms.

STEERING AXLE TIRE WEIGHT CHART FOR TRUCKS

ALLOWABLE STEERING AXLE WEIGHTS		ALLOWABLE STEERING AXLE WEIGHTS		PICKER STEERING WEIGHTS WITH ANNUAL PERMIT		
Tire Size (inches)	Single Steer Maximum Weight (kg)	Tire Size (mm)	Single Steer Maximum Weight (kg)	Tire Size (inches)	Tire Size (mm)	Single Steer Maximum Weight (kg)
210	5, 100	285	5, 700			
211	5, 600	305	6, 100			
212	6, 100	315	6, 300			
213	6, 600	335	6, 700			
214	7, 100	365	7, 300			
215	7, 300	385	7, 300	215	385	7,700
216	7, 300	425	7, 300	216	425	8,500
218	7, 300	445	7, 300	218	445	9,100