

# Summary of Traffic Act

## Permissible maximum axle unit massloads

Single Axle (steering) - Singles	7 700 kg
Single Axle - Singles	8 000 kg
Single Axle - Dual tyres (4 Tyres)	9 000 kg
Tandem Axle unit - Single Tyres	16 000 kg
Tandem Axle unit - Dual Tyres	18 000 kg
Tridem Axle unit - Singles or Duals	24 000 kg

## Other Restrictions

- (a) Maximum Permissible Combination Mass 56 000 kg
- (b) Bridge formula:  
(2100 X [measured in metres and tenths of a metre from the centre of the first axle of any group of axles to the centre of the last axle of such group]) + 18000 kg
- (c) All vehicles to be plated showing maximum design and maximum legal (permitted) loads.
- (d) Vehicle or combination mass in kg not to exceed nett engine power in kilowatts x 240.
- (e) Minimum 20 % of GCM on driving axle/s (laden or unladen condition).  
The load on the steering axles may not be less than :
- (i) 11 % of the gross mass in the case of articulated vehicle.
- (ii) 20 % of the gross mass if the vehicle is not an articulated vehicle.
- (f) (iii) 30 % of the gross mass if the vehicle is fitted with a steering axle unit.
- (g) A combination is limited to a drawing vehicle and one or two trailers (a converter dolly shall, when used in combination with a semi-trailer, be deemed not to be a trailer).

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	Maximum	Regulation		Maximum	Regulation
<b>Overall Length</b> Trailer with one axle or one axle unit. Trailer with two axles or one or more axle units. Any other vehicle. An articulate motor vehicle Combination of vehicles.	11,3 m 12,5 m 12,5 m 18,5 m 22,0 m	221 (b) (i) 221 (c) 221 (f) 221 (d) 221 (g)	<b>Load Projections</b> Load protection must not be confused with overhang. Basically, overhang is part of the vehicle, whereas projection is that part of the load which extends beyond the front end and/or rear end of the vehicle. Maximum load projections are -		
<b>Overall Width</b> Goods vehicle, the gross vehicle mass of which does not exceed 12 000 kg Goods vehicle, the gross vehicle mass of which exceeds 12 000 kg	2,5 m 2,6 m	223 (b) & (c) 223 (a)	<b>Side Load Projection</b> In the case of a goods vehicle which has a GVM exceeding 12 000 kg, max each side of longitudinal centre line. In the case of any goods vehicle. <b>Front Load Projection</b> All goods vehicles, the projection of the load beyond the front end of the vehicle.	1,30 m 1,25 m	227 (aa) 227 (bb)
<b>Overall Height</b> All goods vehicles.	4,3 m	224 (b)		300 mm	227 (a) (ii)
<b>Wheelbase</b> Semi-trailer. Trailer. All other goods vehicle.	10,0 m 8,5 m 8,5 m		<b>or</b> The front overhang plus the front load projection must not exceed the front overhang as prescribed in Reg 356 (1) (b).		227
<b>Front Overhang</b> Semi-trailer. Goods vehicle, 60% of wheelbase, or a) if the driver's seat is not more than 1,7m from the front end-6,2m minus half the wheelbase. b) any other goods vehicle (incl a trailer) - 5.8m minus half the wheelbase. In the case of a front axle unit, the front overhang is measured from the foremost axle and not the centre of the axle unit.	1,8 m	226 (a) (i) or (ii)  226 (a) (i)	<b>Rear Load Projection</b> All goods vehicles, the projection of the load beyond the rear end of the vehicle.  Note: The combined length of a vehicle or combination of vehicles plus and front or rear load projection must not exceed the prescribed overall length of the vehicle or combination.	1,80 m	227 (1) (a) (iii)
<b>Rear Overhang</b> Refuse collectors, road making & road construction vehicles, and farming vehicles - 70% of wheelbase. A trailer with one axle or one axle unit (excluding a semi-trailer)...% of body length. Any goods vehicle...% of wheelbase. The rear overhang is measured from the rear most axle.	10,0 m 8,5 m 8,5 m	226 (2) (a) 226 (2) (b) 226 (2) (c)	<b>Drawbar Length</b> Maximum length of conventional drawbar -  The length of an underslung drawbar - the maximum drawbar length is not prescribed, but the maximum distance between the rear end of the towing vehicle and the front end of the trailer must not exceed	2,0 m 2,5 m	222 (2) (b) 222 (2) (b)

## Regulation 352

### Restriction on Combination of Motor Vehicles

- (a) Regulation 222 (1) A combination of motor vehicles may consist of :
- (i) A truck drawing two drawbar trailers;
  - (ii) A truck-tractor drawing a semi-trailer and a drawbar trailer;
  - (iii) A truck-tractor and two semi-trailers (an Interlink).

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