Tow Trucks & Car Carriers

Heavy tow trucks requirements (towed combination)

Refers to vehicles with a GVM over 4.5 tonnes. Class 3 permit refers to Miscellaneous Heavy vehicle types

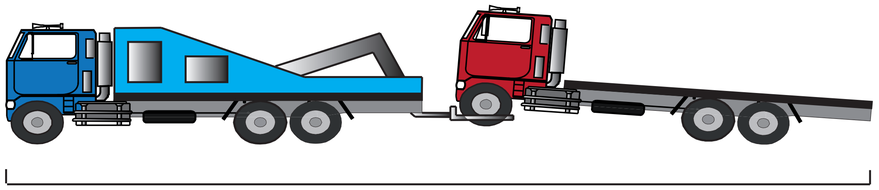
WA

- ✓ If tow truck and its towed vehicle is over 16.8m, it must carry signs bearing the words “Over-length” in black lettering on yellow background on the front and back of the combination vehicle.

VIC, ACT, NT & TAS

Maximum dimensions: (Class 3 permit)

- ✓ Width – 3.0m
- ✓ Height – 4.6m
- ✓ Length – 26m, 32m towing articulated buses, 39m for emergency towing.



Combination length of tow truck and towed vehicle (m)

NSW

Maximum dimensions: (Class 3 permit)

- ✓ Width – 3.5m
- ✓ Height – 4.6m
- ✓ Length – 50m

QLD

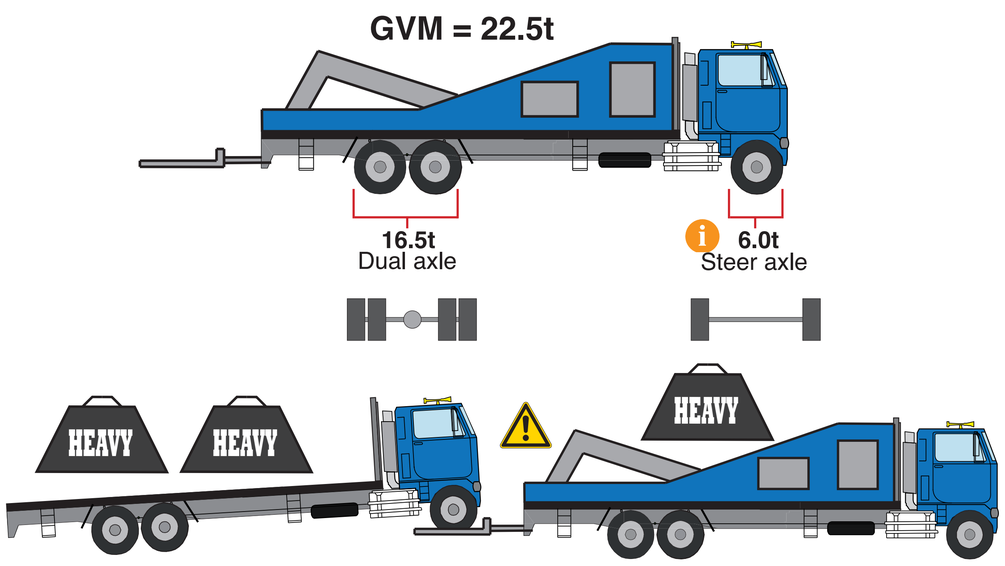
Maximum dimensions: (class 3 permit)

- ✓ Width – Approved width of towed vehicle
- ✓ Height – Approved height of towed vehicle
- ✓ Length – Combination length of tow truck and towed vehicle

SA

Maximum dimensions: (class 3 permit)

- ✓ Width – 3.0m
- ✓ Height – 4.6m
- ✓ Length – 26m, 32m towing long buses, 39m for emergency towing.



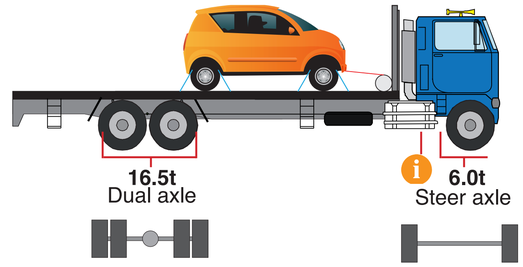
Heavy Loads could exceed the towing capacity of the vehicle

ⓘ Heavy Vehicles with a GVM over 15 tonnes fitted with specified technologies, including an engine complying with ADR 80/01 (Euro IV), Front Under-run Impact Protection that meets UN ECE Regulation no 93 or ADR 84, and cabin strength that meets the requirements of UN ECE Regulation no 29, are permitted up to 6.5 tonnes on the steer axle provided it does not exceed the manufacturers rating. Allowable GVM/GCM may then also be increased by up to 0.5 tonnes.

ⓘ For Western Australian steer axle mass limits please refer to CI-127B Higher Mass Limits for Heavy Vehicles with Single Steer Axles

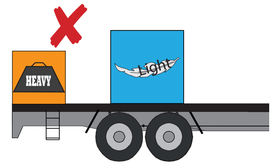
Medium Tow Trucks:

Dual Axle: **GVM = 22.5t**



- ✓ Ensure even weight distribution where possible
- ✓ Centre heaviest item over rear axles where possible

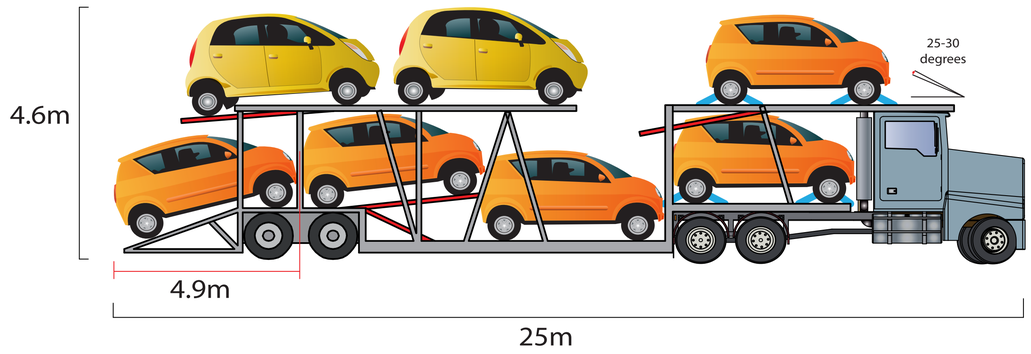
Even weight distribution



Excess weight behind axles can cause overload

Vehicle Type	Maximum standard dimension limits (including load)			
	Width (m)	Length (m)	Height (m)	Rear overhang (m)
Rigid truck	2.5	12.5	4.3	Lesser of 3.7 or 60% of wheelbase

Common car carrier requirements (all states and territories)



- ✓ The distance between the rear overhang line and the rear of the rearmost vehicle on the trailer must not exceed 4.9metres.
- ✓ Max height to top of vehicles on highest row to be 4.6m
- ✓ Maximum total vehicle length is 25m
- ✓ Lashings angle over wheels to be 25-30 degrees

ELRG 379-381
Ref: E0847

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Pickles