



Specifications for Tridem Drive Tractor

1. All three axles on the tridem drive must be equally spaced.
2. The maximum spread on the tridem axle group is 2.8 metres.
3. All three axles must drive. No pusher or tag axles allowed.
4. All three axles on the tridem axle group must be on a common suspension.
5. Lift axles are not allowed.
6. Steering axle tires are to be a minimum of 305 mm in width.
7. The tires on drive axles are to be a minimum of 255 mm in width.
8. The track width must be a minimum of 2.5 metres, and a maximum of 2.6 metres.
9. The tractor wheelbase must be a minimum of 6.6 metres, and a maximum of 6.8 metres.
10. The steering axle must have a minimum weight of 27% of drive axle weight at all times.
11. The maximum weight on the steering axle is 7,300 kg. Permanently mounted equipment may qualify for a special steering axle permit.
12. Axle locking devices must be capable of being disengaged during turning movements.
13. All tridem drive tractors require an "Equipment Exemption Permit" to operate.

Maximum Weight for Tridem Drive Tractors

Steering	7,300 kg
Drives	23,000 kg
	Tractor semi-trailer --- sum of axle weights
GVW	A-train --- 53,500 kg
	B-train --- 63,500 kg

Note: While a tridem drive tractor is not legal, the equipment exemption permit legalizes its use and provides axle weights "equivalent to legal".

Limitations on Use

1. Maximum overall length as per regulations except that:
 - tractor semi-trailer combination shall not exceed 23.5 metres.
 - tractor and B-train combination shall not exceed 26.0 metres.
2. Jeeps and boosters are allowed for heavy haul (under overweight permit).
3. The operating company must have a valid Alberta Transportation TAC permit to allow tridem weights on local roads. Otherwise, the legal weight on local roads is limited to 17,000 kg for tridem axles and 53,500 kg GVW.