

PERMIT POLICY MANUAL

SUBJECT: Tridem Drive Straight Trucks with Full Trailers

POLICY NUMBER: 4.25

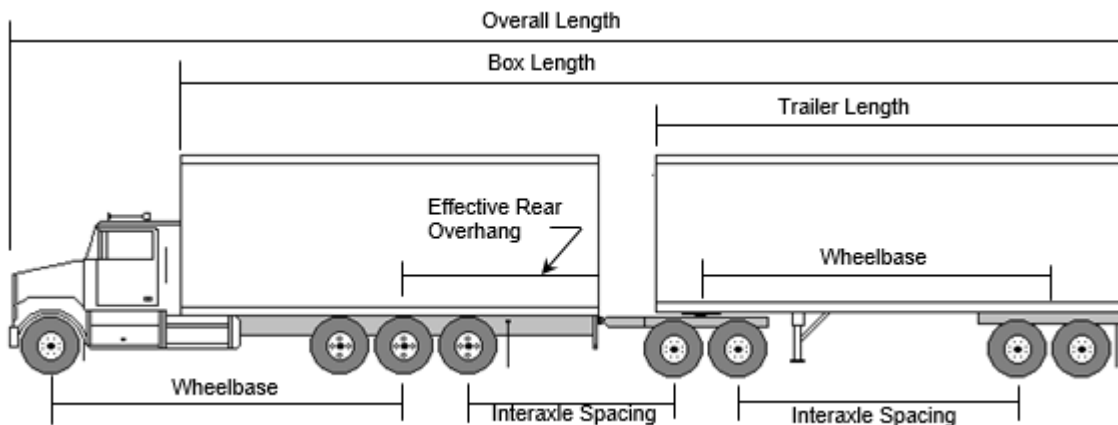
Intent: A permit is required for tridem drive straight trucks when towing a full trailer.

General Information:

- Full trailer connection must be a pintle hitch. Other types such as a roll coupled hitch are not permitted.
- Only dry commodities are authorized for transport with this configuration.
- Configurations under this policy are not eligible for overdimensional and/or overweight permits.
- All three axles of the tridem drive must drive. Pusher, tag and/or lift axles are not permitted.
- Where equipment specifications are not explicitly addressed, the equipment must meet applicable federal and/or provincial safety regulations and standards.
- Dimensions must be legal as prescribed in the *Vehicle Weights and Dimensions on Classes of Highways Regulation* (MR 155/2018), unless otherwise specified.)
- Vehicles must comply with any posted weight restrictions in place.

Dimensions and Weights:

Single Tridem Drive with Full Trailer



DIMENSION	
Overall Length	Maximum 23.0 m
Overall Width	Maximum 2.6 m
Overall Height	Maximum 4.15 m
Box Length	Maximum 20.5 m
TRUCK	
Length	Maximum 12.5 m
Wheelbase	Minimum 6.6 m Maximum 6.8 m
Tridem Drive Axle Spread	Minimum 2.4 m Maximum 2.8 m
Tridem Drive Axle Track Width	Minimum 2.5 m Maximum 2.6 m
Effective Rear Overhang	Maximum 4.0 m
Interaxle spacing – Single to tridem	Not controlled
Hitch Offset	Maximum 2.6 m
FULL TRAILER (Pintle Hitch Only)	
Length	12.5 m
Wheelbase	Minimum 6.25 m
Tandem Axle Spread	Minimum 1.0 m / Maximum 1.85 m
Tridem Axle Spread	Minimum 2.4 m / Maximum 2.5 m
Track Width: Dual Tires	Minimum 2.5 m / Maximum 2.6 m
Wide Base Single Tires	Minimum 2.45 m / Maximum m 2.6 m
Effective Rear Overhang	Maximum 4.0 m
Interaxle Spacings	Single to Tridem Axle Minimum 3.0 m Tandem to Tandem Axle Minimum 5.0 m Tandem to Tridem Axle Minimum 5.5 m

WEIGHT LIMITS			
Axle Weights	RTAC Route	Class A1 Highway	Class B1 Highway
Truck			
Steering Axle	Maximum 7,300 kg	Maximum 7,300 kg	Maximum 7,300 kg
Drive Axle (Axle Spread)			
– 2.4 m < 2.7 m – dual tires	Maximum 21,000 kg	Maximum 21,000 kg	Maximum 20,000 kg
– wide base tires –	Maximum 21,000 kg	Maximum 20,000 kg	Maximum 19,000 kg
2.7 m – 2.8 m – dual tires	Maximum 22,000 kg	Maximum 21,000 kg	Maximum 20,000 kg
– wide base tires	Maximum 21,000 kg	Maximum 20,000 kg	Maximum 19,000 kg
Full Trailer			
Single Axle – dual tires	Maximum 9,100 kg	Maximum 9,100 kg	Maximum 8,200 kg
– wide base single tires	Maximum 9,100 kg	Maximum 7,700 kg	Maximum 7,700 kg
Tandem Axle – dual tires	Maximum 17,000 kg	Maximum 16,000 kg	Maximum 14,500 kg
– wide base single tires	Maximum 17,000 kg	Maximum 15,200 kg	Maximum 13,800 kg

Sum of Axle Weights on Full Trailers			
Four Axle Truck with a <ul style="list-style-type: none"> – Two axle trailer – Three axle trailer – Four axle or more trailer 	Maximum 17,000 kg Maximum 24,000 kg Maximum 31,000 kg	Maximum 17,000 kg Maximum 24,000 kg Maximum 31,000 kg	Maximum 16,400 kg Maximum 22,700 kg Maximum 29,000 kg
Gross Vehicle Weight Limit with Tridem Drive Axle Spread 2.4 m < 2.7 m			
Four Axle Truck with a <ul style="list-style-type: none"> – Two axle trailer – Three axle trailer – Four or more axle trailer 	Maximum 45,300 kg Maximum 52,300 kg Maximum 59,300 kg	Maximum 45,300 kg Maximum 52,300 kg Maximum 56,500 kg	Maximum 43,700 kg Maximum 47,630 kg Maximum 47,630 kg
Gross Vehicle Weight Limit with Tridem Drive Axle Spread 2.7 m to 2.8 m			
Four Axle Truck with a <ul style="list-style-type: none"> – Two axle trailer – Three axle trailer – Four or more axle trailer 	Maximum 46,300 kg Maximum 53,300 kg Maximum 60,300 kg	Maximum 45,300 kg Maximum 52,300 kg Maximum 56,500 kg	Maximum 43,700 kg Maximum 47,630 kg Maximum 47,630 kg

Annual Permits:

Annual permits are issued to a fleet of vehicles.

(Reference: Vehicle Weights and Dimensions Standard 4.24.1.2, dated May 1, 2019)

Date: June 12, 2019