Government of Alberta

Commercial Vehicle Weight & Dimension Specification

Dimensions

- 1. All logging trucks that exceed legal dimensions require a log haul dimension permit or a winter weight log haul permit
- 2. Log haul permits allow increased dimensions as indicated for:
 - (a) the overall length when loaded. [maximum of 30.5 metres]
 - (b) the width of the bunk stakes..... [maximum of 3.20 metres]
 - (c) the height of the vehicle or load [maximum of 4.80 metres]
 - (d) the height of a log picker [maximum of 5.30 metres]
 - (e) the overhang when loaded..... [as noted below]
 - (f) the trailer track width [maximum of 3.05 metres]
- 3. The Commercial Vehicle Dimension and Weight Regulation AR 315/2002 applies to all other dimensions.

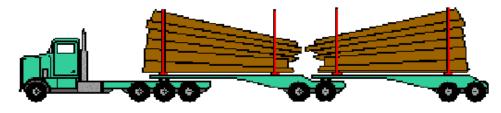
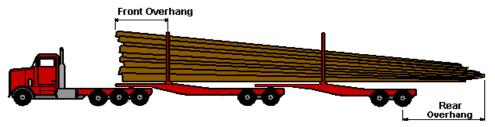


Figure 1

- 4. When the logs are loaded such that the logs are supported on only one trailer (Figure 1):
 - (a) Each trailer may carry one or more stacks of logs.
 - (b) The logs on the lead trailer shall not extend past the end of the lead trailer.
 - (c) The rear overhang on the rear trailer, measured from the center of the last axle shall not exceed 3.0 metres.
 - (d) The front overhang measured from the king pin of the trailer shall not exceed 3.0 metres.





- 5. When the logs are loaded such that both trailers are used to support the logs (Figure 2):
 - (a) The vehicle may carry only one stack of logs.
 - (b) The front overhang from the pivot point of the front bunk to the front of the logs shall not exceed 4.0 metres.
 - (c) The rear overhang from the center of the last axle to the end of the logs, unless stated otherwise on the route map, shall not exceed 6.0 metres.
 - (d) **The fifth wheel connection between the two trailers requires a sliding mechanism**. This mechanism shall conform to "Easy Slider" or equivalent.

NOTE: Axle combinations, axle spacing, and/or GVW limits will reduce the allowable seasonal axle weights on some routes.

For more information, contact Transport Engineering at 403 340-4957 Toll Free in Alberta 310-0000. This policy is subject to change without notice. The up-to-date policy is on the Government of Alberta website at http://www.transportation.alberta.ca/3193.htm

Legal Weight

- 1. Steering axle 7,300 kg *
- 2. Tridem axle 23,000 kg * *
- 3. Tandem axle 17,000 kg
- 4. GVW sum of the allowable axle weights, but not to exceed 63,500 kg * * *
- * For picker trucks which have a multi-trip permit for the steering axle weight to exceed 7,300 kg, the permitted steering axle weight indicated on that permit shall apply. Any weight in excess of 7,300 kg applies to tare weight only.
- ** See policies for tridem drive trucks and tractors for the specification and permitting requirements for tridem drive units.
- * * *The carrier must have a valid TAC permit and County/MD approval to travel on local roads. Otherwise, the legal weight on local roads is limited to 17,000 kg for tridem axles and 53,500 kg GVW.

Winter Weights

Green routes:	22,000 kg/tandem axle
	25,000 kg/tridem axle
	76,000 kg GVW
	Require minimum 3.05 metre bunks

- Blue routes 20,000 kg/tandem axle 24,000 kg/tridem axle 71,000 kg GVW Require minimum 3.05 metre bunks
- Yellow routes: 20,000 kg/tandem axle 23,000 kg/tandem axle 65,000 kg GVW
- **Red routes**: No winter weights. Legal weights only as per Commercial Vehicle Dimension and Weight Regulation, subject to road bans and restricted bridges.
- **Brown routes**: Private, Bush, and Licence of Occupation Roads. Check with the owner for allowable weights.

Black routes: Non log haul roads. Legal weights and dimensions apply.

NOTE:

- (a) A winter weight log haul permit, along with a validated route map is required.
- (b) Winter weights apply only during frozen road conditions as directed in writing to the mill by Alberta Transportation.
- (c) The steering axle winter weight shall not exceed the lesser of :
 - rated tire capacity
 - 10 kg per mm width of tire, or
 - 7,300 kg
- (d) The allowable gross vehicle weight cannot be increased beyond the limits specified above.
- (e) The weights indicated include all tolerance. No further tolerance will be allowed.
- (f) To qualify for winter weights, the minimum interaxle spacing specified in the Commercial Vehicle Dimension and Weight Regulation AR 315/2002 is required.

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Appendix A

Revisions

Date	Revision Description
September 28, 2009	Formatted Document.
	Increase weight on green, blue and yellow routes
September 30, 2009	Added track width requirement
March 17, 2010	Deleted track width requirement, corrected weights and added bunk width requirement

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