

# A Guide to Saskatchewan Weight and Dimension Regulations

This pamphlet is published as a guide. If more details are required, please call the telephone numbers on the back of this guide.

### Weight and Dimension Regulations

Under the authority of ***The Highways and Transportation Act, 1997*** maximum vehicle weight and dimension regulations are established for the following reasons:

- Maximum gross vehicle weights are necessary for the protection of bridges.
- Maximum weights on axles or axle groups are necessary for the protection of bridges and pavements.
- Maximum tire weights are necessary for the protection of pavements and roadbeds.
- Maximum dimensions are necessary for the protection of bridges, overpasses, etc. and to protect the other users of highways by allowing the safe travel of the general public.
- Internal dimension limits are necessary to ensure that vehicles are designed to achieve desired levels of stability.

### Weight Limits

For weight enforcement purposes only, all public highways are classified as follows:

#### Primary Highways:

The primary highways are shown on the map. Most of these are allowed primary weights year round.

Primary weights extend down the first 15 km along a secondary provincial highway or combination of secondary highways and provincial roads (Community Access Roads) from the intersection with a primary highway.

#### Secondary Highways:

This includes all provincial highways and provincial roads shown on the Official Road Map other than those designated as primary.

#### Municipal Highways:

This includes public highways other than provincial highways and provincial roads, but excludes public highways within urban limits. Generally, this includes all roads maintained by Saskatchewan's rural municipalities including the 600 and 700 series roads which are shown on the Official Road Map.

#### Year-Round Weight Restricted Highways:

Certain highways have maximum gross weights regardless of their classification, the vehicle configuration or the time of year. Weight restricted secondary highways are limited to 41 500 kg, unless otherwise noted.

## LEGAL DIMENSIONS

### Width (Maximum)

- Any vehicle, building, or object, 2.6 m (8'6")
- Mirrors may extend on each side of the vehicle an additional 30 cm (12")

### Height (Maximum)

- Any vehicle, building, or object, 4.15 m (13'6")

### Length (Maximum)

- Truck, pony trailers or single vehicle, 12.5 m (41')
- Tandem steer tridem drive, 14 m (45'9")
- Bus or motorized RV, 14 m (45'9")
- Box length, Semi-trailer or full trailer 16.2 m (53')
- Box length A, B, or C train, 20 m (65'7")
- Box length on a truck and full trailer, 20 m (65'7")
- Tractor and semi-trailer or any other combination of vehicles, 23 m (75'5")
- Tridem Drive truck tractor semi trailer combination 23.5 m (77'1")
- A train, B train or C train, 26 m (85'4")
- Aerodynamic devices are not included in an overall measurement of a vehicle(s) (Maximum 61 cm)
- Front heavy duty bumpers are not included in the overall measurement of a vehicle (Maximum 30 cm)

### Internal Dimensions

#### Maximum

- Wheelbase for a tridem drive truck tractor, 6.8 m
- Wheelbase for a single, tandem truck tractor, 6.2 m (244")
- Wheelbase for semi-trailers is 12.5 m
- Wheelbase sum of both B train trailers is 17 m (55'9")
- Tridem axle spread for a B train is 3.1 m (10'2")
- Tridem axle spread for a pony trailer is 2.5 m
- Effective overhang (including the load) for a semi-trailer is limited to 35% of its wheelbase
- Effective overhang (including the load) on any truck or pony trailer is limited to 4.0 m (13'1")
- Kingpin setback (measured anywhere in an arc around the kingpin and includes the load) may not be more than 2.0 m (6'6")
- Hitch offset in an A or C train, truck or trailer towing another trailer is 1.8 m (5'11")
- Hitch offset for a tridem drive truck towing a pony trailer 2.6 m
- Track width on a semi trailer is 2.6 m

#### Minimum

- Wheelbase of a tridem drive truck or truck tractor 6.6 m
- Wheelbase for a semi-trailer, full trailer or pony trailer is 6.25 m (20'6")
- Track width for a semi-trailer 2.5 m (8'2")
- Tridem axle spread for a pony trailer is 2.4 m
- Wheelbase for a rear trailer of a B train 6.25 m (20'6")

## AXLE GROUP LOADINGS

Tire loading is 10 kg per millimetre (560 lb per inch) width of tire, as stamped by the manufacturer, to a maximum of 3 000 kg (6,600 lbs) per tire and subject to axle regulation weights

**Note:** Wide base tires (Super Singles) allowed 3 850 kg on Primary Highways (3 000 kg on Secondary)

**Table 1: Tridem Drive Axle Group Weights for Truck Tractor and Single Steer Tridem Drive Straight Trucks**

Axle Spread	Primary Weight
2.7 m - 2.8 m (8'10" - 9'2")	22 000 kg
2.4 m - <2.7 m (7'8" - 8'10")	21 000 kg
Secondary/Municipal	20 000 kg
Axle group weights vary according to axle spread	

**Table 2: Tridem Drive Axle Group Weights for Tandem Steer Tridem Drive Straight Trucks**

Axle Spread	Primary Weight
3.0 m - 3.10 m (9'8" - 10'2")	23 000 kg
2.7 m - <3.0 m (8'10" - 9'8")	22 000 kg
2.4 m - <2.7 m (7'8" - 8'10")	21 000 kg
Secondary/Municipal	20 000 kg
Axle group weights vary according to axle spread	

**Table 3: Pony Trailer Wheelbase**

	Trailer Wheelbase	Max. Axle Unit Weight
Trailer with single axle:	6.25 m - 7.50 m	7 200 Kg
	> 7.50 m	7 700 Kg
Trailer with a tandem axle group:	6.25 m - 7.50 m	11 000 Kg
	> 7.50 m	12 000 Kg
Trailer with a tridem axle group:	6.25 m - 7.50 m	15 000 Kg
	> 7.50 m	16 500 Kg

**Table 4: Tridem Axle Group Weights for Trailers**

Axle Spread	Primary Weight
>3.6 m - 3.7 m (11'8" - 12'1")	24 000 kg
>3.0 m - 3.6 m (9'8" - 11'8")	23 000 kg
2.4 m - 3.0 m (7'8" - 9'8")	21 000 kg
Secondary/Municipal	20 000 kg
Axle group weights vary according to axle spread	

**Table 5: Combination Axle Weights (Inter-axle Spacing)**

Maximum allowable weight for axle units may depend on the following minimum distance requirements between axles.

- For two single axles 3.0 metres (9'10")
- For a single axle and a tandem axle group, 3.0 metres (9'10")
- For a single axle and a tridem axle group 3.0 metres
- For two tandem axle groups, 5.0 metres (16'4")
- For a tandem axle group and a tridem axle group, 5.5 m
- For two tridem axle groups, 6.0 metres (19'6")
- For a multiple axle group and a single, tandem or tridem axle group 5.5 m (18'1")
- If inter-axle spacing is less than the minimum spacing, **the combined axle weight is reduced by 500 kg for every 10 cm** less than the above listed minimum distance requirement

**Overdimension & Overweight Permits are available from:**

#### The SGI Permit Office:

Open 6am - 10pm daily except Christmas Day, Boxing Day, and New Year's Day  
Toll free in Saskatchewan: 1-800-667-7575  
Regina and outside Saskatchewan: 306-775-6969  
Fax: 306-775-6909  
Email: sgipermitoffice@sgi.sk.ca

#### For information on the Policies & Regulations:

Saskatchewan Ministry of Highways and Infrastructure  
9th Floor, 1855 Victoria Avenue  
Regina, Saskatchewan, S4P 3T2  
Phone: 306-787-4801  
Website: www.highways.gov.sk.ca/trucking

#### Additional SGI Contact Information:

Saskatchewan Government Insurance  
5104 Donnelly Crescent  
Regina, Saskatchewan, S4X 4C9  
Customer Service Centre (Vehicle Registration)  
1-800-667-9868 or 306-775-6900

Vehicle Standard & Inspection 306-775-6188  
**Transportation Regulations & Policies Branch:**  
Telephone: 306-787-4801  
Fax: 306-798-0172

**Commercial Vehicle Enforcement (CVE) Branch:**  
Toll Free Inquiry line (in Saskatchewan): 1-866-933-5290  
Telephone (Outside Saskatchewan): 306-933-5290

**Partnership Programs and Services:**  
Telephone: 306-787-0648

HIGHWAY TRANSPORT PATROL INSPECTION STATION / PATROL OFFICE PHONE LIST		
	TEL #	FAX #
Clavet	306-964-1751	306-933-8337
Estevan	306-637-4522	306-637-4523
Hudson Bay Patrol	306-865-4515	306-865-4517
Kindersley	306-463-5455	306-463-5456
Langham	306-933-6777	306-933-8337
Lloydminster	306-387-5670	306-387-5672
Meadow Lake Patrol	306-236-7595	306-236-7660
Melfort	306-752-6275	306-752-6274
Moose Jaw Patrol	306-694-3742	306-694-3780
Moosomin	306-435-4520	306-435-4521
Prince Albert Patrol	306-953-3680	306-953-3531
Regina	306-787-7480	306-798-1100
Swift Current	306-778-8314	306-778-8686
Weyburn Patrol	306-848-2446	306-848-2461
Wynyard Patrol	306-554-5459	306-554-5434
Yorkton	306-786-1366	306-786-1399

**PATROL OFFICES HAVE NO WEIGH SCALES**  
INSPECTION STATIONS ARE AVAILABLE FOR INDUSTRY TO "SELF WEIGHT" EXCEPT WHEN THE "REPORT LIGHTS" ARE ACTIVATED AND VEHICLES ARE REPORTING.  
ENFORCEMENT PERSONNEL ARE AVAILABLE BY APPOINTMENT TO PROVIDE OFFICIAL WEIGH SLIPS. REFER TO MAP FOR THE LOCATION NEAREST YOU.

For tandem & tandem End Dump Trailers the following combined axle group weights apply:

- Manufactured before January 1, 1989**

<5 m - 3.4 m	32 000 kg	35 000 kg Winter Weight
<3.4 m - 3 m	30 000 kg	
- Manufactured on or after January 1, 1989**

<5 m - 4.5 m	32 000 kg	35 000 kg Winter Weight
<4.5 m - 3 m	30 000 kg	

### Note:

For weight limits on municipal roads, contact the local urban or rural municipality office.

### Winter Weight Season Exceptions

Winter weights do not apply on provincial highways and roads listed under "Winter Weights Not Allowed" on the map legend.

### Exemptions:

Weight regulations do not apply to:

- A public highway, other than a provincial highway, within an Urban Municipality, that has a population of 1 000 or more.
- Farm equipment being operated or towed for a purpose directly related to farming.

Dimension regulations apply only on provincial highways and provincial roads.

Local bylaws may govern vehicle weights and dimensions in urban municipalities with a population of more than 1 000.

### Municipal Weight Limits

Weight limits on municipal highways are the same as those for secondary highways, including the winter season; except 8 axle B trains and unless otherwise allowed by the local municipality or regulation.

### Winter Weight Season:

The period from November 16<sup>th</sup> in one year up to and including March 14<sup>th</sup> in the following year, unless the Winter Weight Season is restricted by a Minister's Order during this period.

### Registered Gross Vehicle Weights

Weights allowed on public highways are separate from the registered gross weight of a vehicle.

Vehicle registration relates specifically to **The Traffic Safety Act**. A heavy vehicle is usually registered to a specific weight determined by its business and the maximum weight it will generally carry. A registration fee is collected to reflect the relative damage to the highway system for operating at that registered weight. Despite gross weights allowed on a given highway, an operator cannot exceed the registered weight, which otherwise may result in a fine under **The Traffic Safety Act**.

Different classes of highways have different gross weight limits to reflect their design and the amount of pavement deterioration which can be accepted. Therefore, **no vehicle may exceed weights specified for specific highways regardless of the registered weight of the vehicle**. Exceeding any maximum allowable weight (or dimension) may result in a fine under **The Highways and Transportation Act, 1997** or it's regulations.

FIRST EDITION 2014

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2014

First Edition

