

Information for Self Issuer – Oversize/overweight (tractor/trailer)



Presented by
Commercial Vehicle Services
WSDOT (360) 704-6340

Objectives

- **Understanding what a tractor trailer combination is.**
- **Knowing the legal dimensions of a tractor trailer combination and when you need a permit for dimension.**
- **Understanding legal weight limitations for single axle and axle groups.**
- **Accurately self issue an oversize/overweight permit for a tractor trailer combination.**

Legal Dimensions

Height: 14 feet

Width: 8 feet 6 inches

Length:

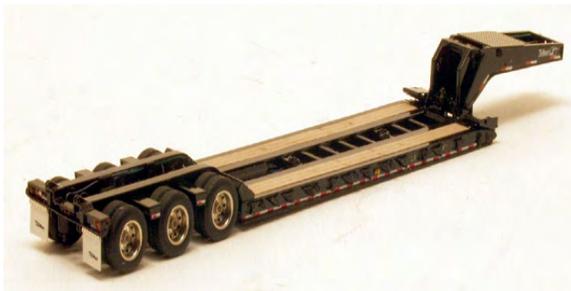
- Semi Trailer 53 feet
- Rear Overhang 15 feet
- Front Overhang 3 feet (from bumper)

Definitions

RCW 46.04 Definitions



“Tractor” Single motor vehicle designed to pull semi-trailer. (Fifth Wheel)



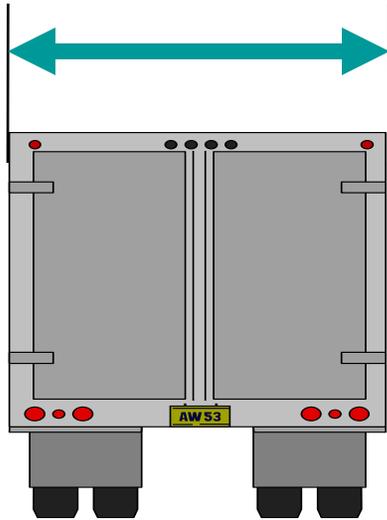
“Semi-trailer” designed to carry load and pulled by tractor. (shares the weight with the tractor.

“Semi-trailer” includes all jeeps and boosters.



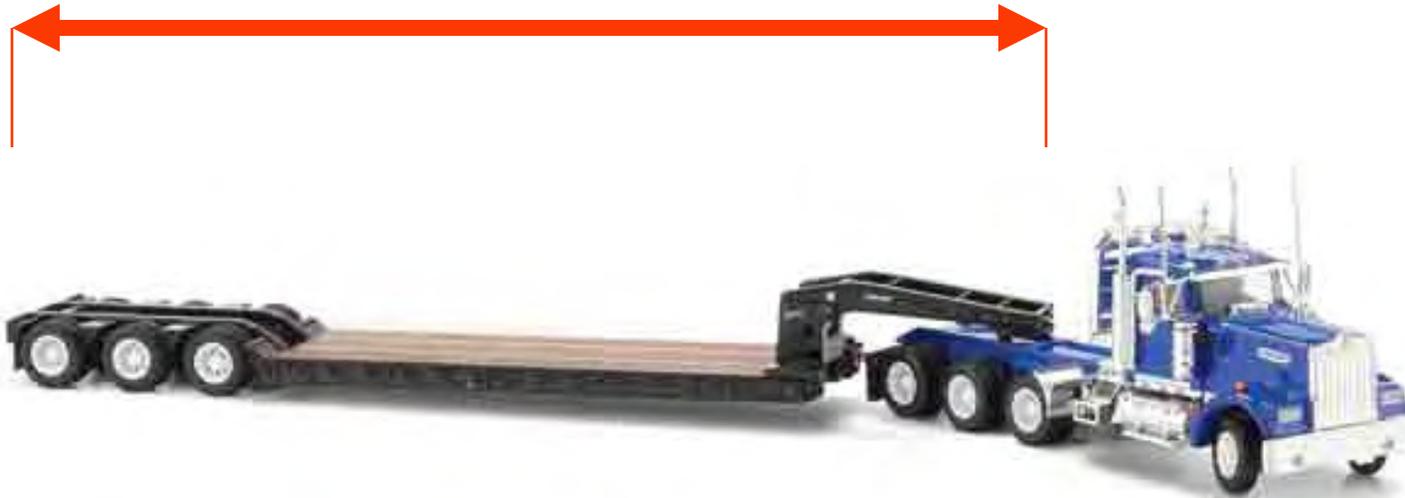
Width & Height Limits

- Legal Width Maximum 8' 6"
- Legal Height Maximum 14'
- Safety appurtenances may extend 3" on each side of vehicle. (ie. door hinges, rub rails).



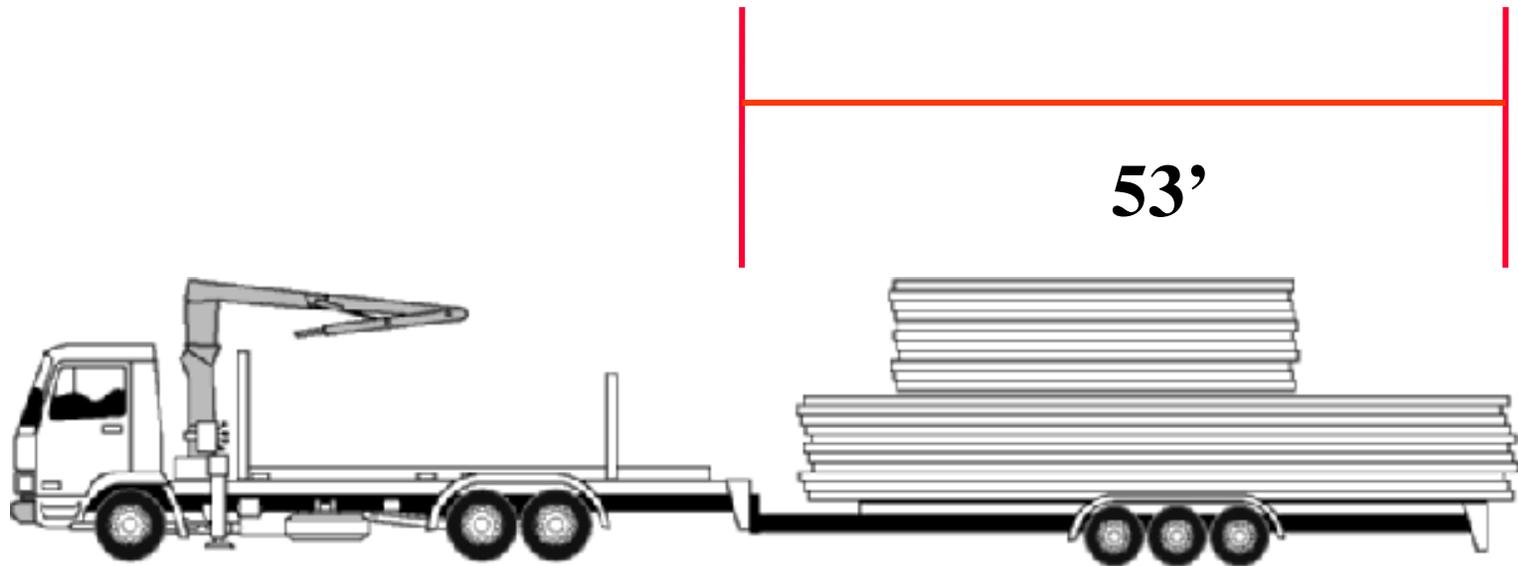
Legal Dimensions

Single Trailer 53 ft



**No overall length
maximum**

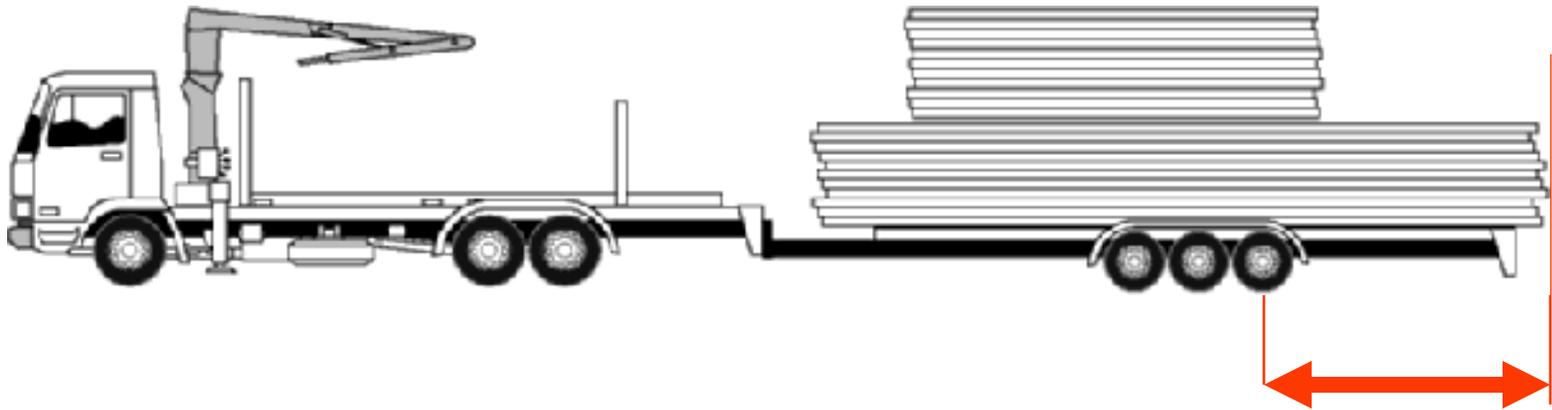
Truck/Trailer combination with
an empty truck would now be
considered as a Tractor/Trailer
As long as there is no load on the truck



Permitted up to 125'

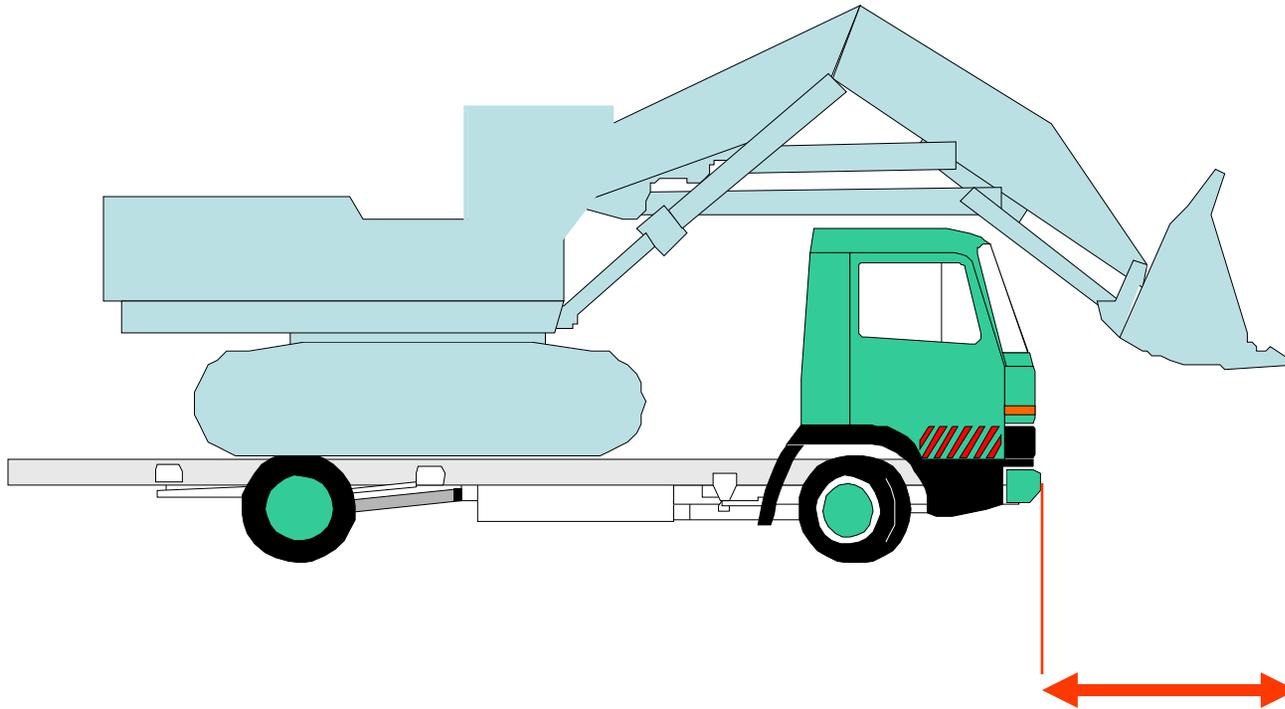
Legal Overhang-Rear

15 ft measured from center of last axle



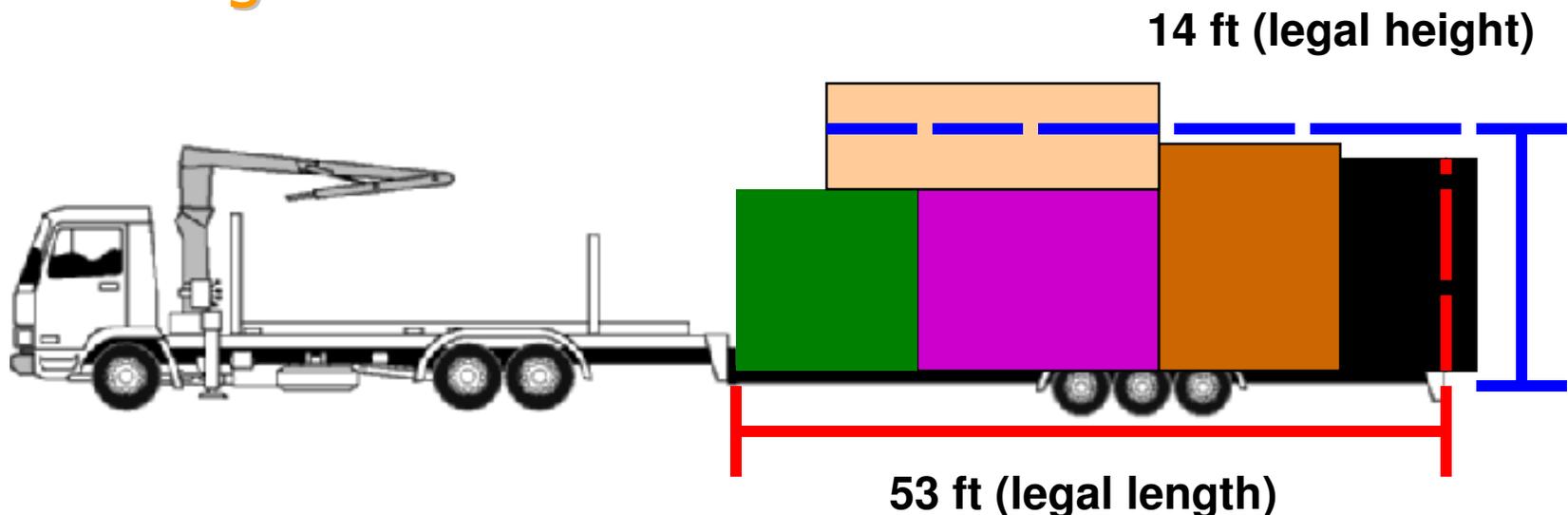
Legal Overhang-Front

Measured 3 ft. from front
of the manufacture bumper



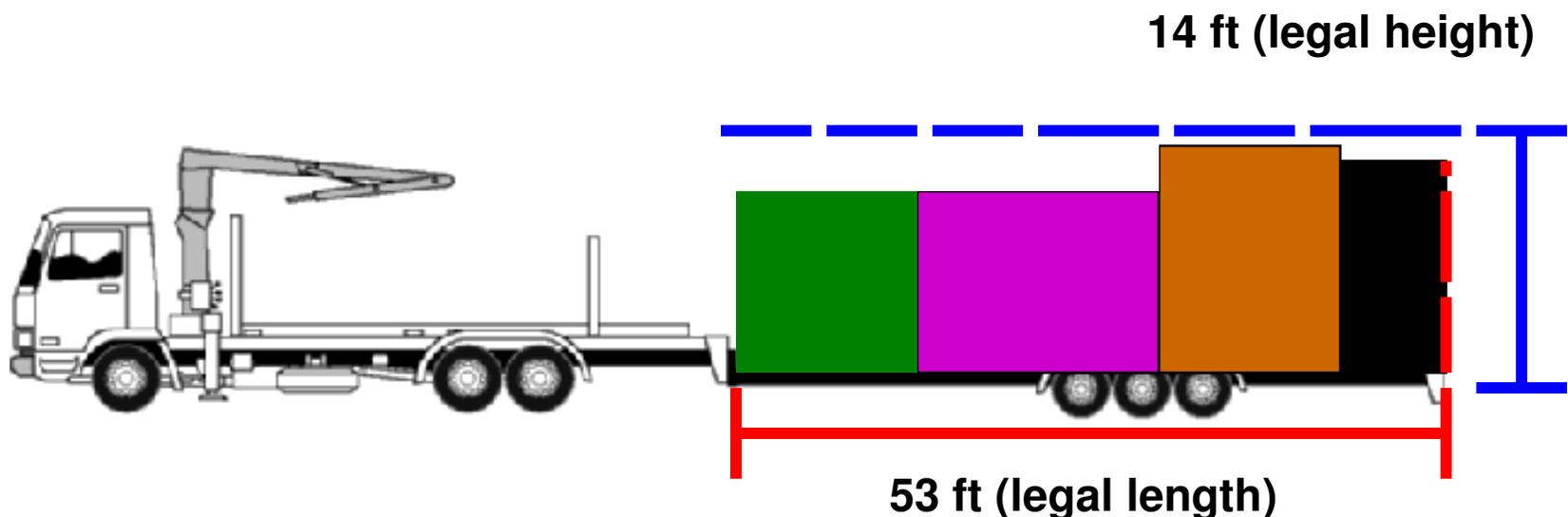
Divisible Loads

- Multiple pieces cannot be overweight.
- Dimensional permits for multiple pieces must not be placed in conjunction (side by side, end to end or stacked) to create an over legal dimension.



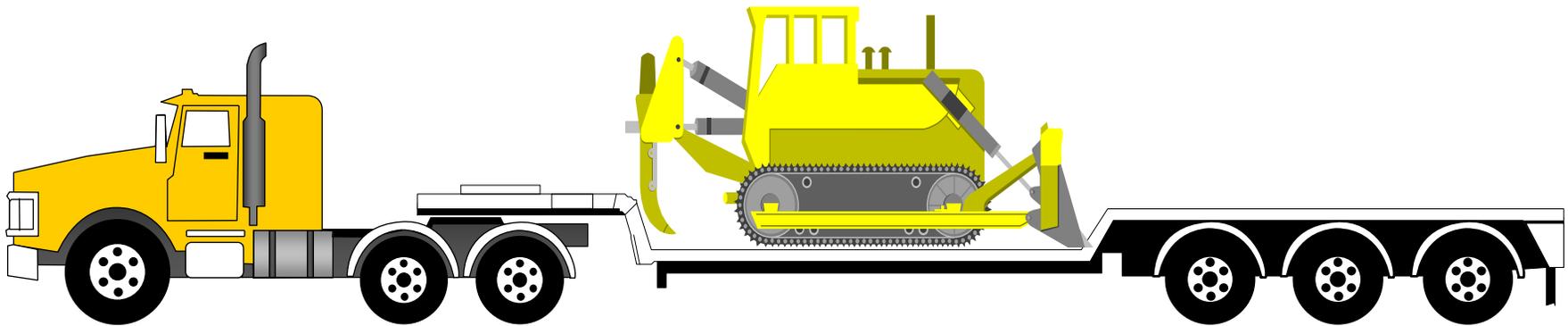
Divisible Loads (continued)

- The load must be reduced to a practical minimum.
- Some pieces may need to be removed to make your load legal.



Non-divisible Load

Single piece, object or equipment



Exceptions: (overweight)

- Dozers may have blade detached sitting on trailer. No multiple blades.
- Loaders may have bucket detached as long as it is a pertinent piece for that equipment. No multiple buckets.
- WAC 468-38-050 (3) Can dismantle the dozer.

Lengths

Overall length



Load length

**Overall length minus power unit
(includes jeeps and boosters)**

Legal Axle Weights

Legal Weight

- ▶ **Single Axle - 20,000 lbs**
- ▶ **Tandem Axle - 34,000 lbs**
- ▶ **Tire weight on steer axles - 600 lbs per inch of the tire width all others are 500 lbs**
- ▶ **Gross weight is legal up to 105,500 lbs**

Permitted Weights

Permitted Weight

- ▶ **Single Axle - 22,000 lbs**
- ▶ **Tandem Axle - 43,000 lbs**
- ▶ **Tire weight on all axles - 600 lbs per inch tire width**

ELECTRONIC WEIGHT CALCULATOR

- Helpful tool for knowing the limitations of your tractor trailer combination
- An axle spacing report number is required for each overweight permit
- The report number will be assigned to the tractor trailer configuration you provide.

- Enter the distance between each axle,
- how many tires per axle,
- and the tire size of all two tire axles.
- Indicate if you have any drop axles and if it is a self steering drop axle.

Washington State Department of Transportation

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Vehicle Size & Weight Permits

Axle Spacing Report

Axle Spacing Report No. [Look Up](#) [Calculate](#) [Search](#) [Clear](#) [Save](#) [Print](#) [Void](#) [Return](#)

Enter an Axle Spacing Report number above and click Look Up.
Or, enter axle spacing, tires per axle and tire sizes and click Calculate and then Save for a new Axle Spacing Report.

Axle No.	1	2	3	4	5	6	7	8	9	10
Axle Spacing (ft.)	<input type="text"/>									
Tires per Axle	Cnt <input type="text"/>									
Tires Size (in. or mm)	<input type="text"/>									
Steer Axle	<input type="checkbox"/>									
Drop Axle	<input type="checkbox"/>									
Permitted Weight (* see Remarks)	<input type="text"/>									

Total Permitted Legal Weight [More Axles](#) [Less](#)

Axle Restriction and Remarks for Permitted Weights

Axle Spacing Report

Axle Spacing Report No.

[Look Up](#)

[Calculate](#)

[Clear](#)

[Save](#)

[Print](#)

[Void](#)

[Return](#)

Enter an Axle Spacing Report number above and click [Look Up](#).
Or, enter axle spacing, tires per axle and tire sizes and click [Calculate](#) for a new Axle

Axle No.	1	2	3	4	5	6	7	8
Axle Spacing (ft.)	13-6	4-6	11-2	4-6				
Tires per Axle	2	4	4	4	4			
Tires Size (in. or mm)	11							
Steer Axle		<input type="checkbox"/>						
Drop Axle		<input type="checkbox"/>						

Dashes are used to indicate feet and inches

When inputting your tire size do not use any alpha characters.

We are looking for the width of the tire.

An 11R 22.5 tire should be listed as, "11"

- Once you have entered the configuration into the calculator select, “Calculate” and then “Save” your report.*

- Note the “Axle Restriction and Remarks” listed on your report.

Axle Spacing Report Page 1 of 1


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Vehicle Size & Weight Permits

Axle Spacing Report *

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1 2 3 4 5 6 7
 ○-----○-----○-----○-----○-----○-----○-----○
 (7 Axles - Length: 68.00 ft. - Axle Groups: 2-4, 5-7)

Axle No.	1	2	3	4	5	6	7	8	9	10
Axle Spacing (ft.)	15	5	5	33	5	5				
Tires per Axle	2	4	4	4	4	4	4	Cnt	Cnt	
Tires Size (in. or mm)	11									
Steer Axle	<input type="checkbox"/>									
Drop Axle	<input type="checkbox"/>									
Permitted Weight (* see Remarks)	13,200	22,000*	22,000*	22,000*	22,000*	22,000*	22,000*			

Total Permitted **Legal Weight** [More Axles](#) [Less](#)

Axle Restriction and Remarks for Permitted Weights

Axles 2-4 NTE 65,000 lbs.
 Axles 5-7 NTE 65,000 lbs.

[Show Detail](#)

Last modified on 2/29/2008

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SIGNING UP

To sign up go to the below web address and follow the steps to becoming a self issuer.

<http://www.wsdot.wa.gov/commercialvehicle>

- **Go to the e-SNOOPI login screen and click on the message at the bottom that states, "Request for Authorization For Self-Issuing"**
- **For the company name, enter the first three or four characters and press search**
- **Choose your company or add your company if your company is not in our system**
- **Fill in the rest of the information**

SIGNING UP - continued

- **Read or print the agreement**
- **Press the box indicating you read and understand the agreement**
- **Press the button that states "Accept and Sign Up"**
- **You will receive your *new login* and *password***

If you have any other questions please contact one of our technicians at 360-704-6340

THANK YOU