

Superload in Colorado

Dual lane expandable trailer GVW >
500,000lbs.

Colorado Statute 42-4-510(1.7)(a)

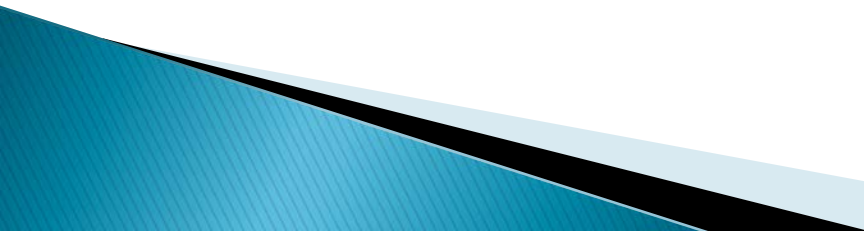
- ▶ The department of transportation may issue super-load permits for:

(I) A combination vehicle with a weight of five hundred thousand pounds or more that occupies two lanes to haul the load; or

(II) An unladen combination vehicle with an expandable dual-lane transport trailer that occupies two lanes.



42-4-510(1.7)(e)

- ▶ The department of transportation, Colorado State Patrol, or Port of Entry shall inspect the load of a super-load permit holder, **at the permit holders expense**, at the nearest point where the shipment enters the state, at a location specified by the department of transportation, or at the load's point of origin to ensure compliance with the permit requirements and safety states and rules, including:
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42-4-510(1.7)(e)

- (I) Height, width, and length;
- (II) Number of axles;
- (III) Date of move;
- (IV) Correct route;
- (V) Documentation of load weight;
- (VI) Use of signs and pilot cars; and
- (VII) Weight, if the vehicle can be weighed within two hours.


While a level I is not required, the CSP does have the authority to inspect any commercial vehicle traveling in Colorado.

So, while it is not required, a level I, II, or III inspection could be performed at any time.

Remember cost is at owner expense:

- **\$282 per mobile unit**
- **MILES @ \$.50/M**

Process

- ▶ CDOT permit writers will contact a Mobile Unit supervisor regarding a super load permit to determine the appropriate routes and areas where the inspection and weighing operation can occur safely and efficiently.
 - ▶ A minimum of two (2) mobile units, preferably with three (3) officers per mobile unit (six officers) is required to process a super load.
 - ▶ Officers will measure the length, width, height, and axle spacing of the super load as directed by the lead supervisor.
 - ▶ The lead supervisor will compare the measured values against the permit, and immediately notify CDOT and company representatives of any discrepancies.
 - ▶ The lead supervisor will collect payment for the super load weighing and travel fee, and issue a receipt for the fee to the driver or company representative.
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Permit axle information

Overall Dimensions - Length: **246'** Width: **20' 7"** Height: **19' 6"** Overhang Front: **0' 0"** Rear: **0' 0"**
Gross Weight: **598,600** Total Axles: **18**

Axle:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Weight:	17500	23000	23000	39300	39300	39300	39300	39300	39300	39300	39300	39300	39300	39300	39300
Spacing:	20'	5'	21'	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	52' 6"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"
Steer:	Yes	Artic.	Artic.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Axle:	16	17	18												
Weight:	17500	23000	23000												
Spacing:	21'	20'	5'												
Steer:	Yes	Artic.	Artic.												



Start with the first section
(This is usually the truck)



Depending on how many hand scales are available we will weigh one to three axle groups at a time.



- Steer axle
- Drive axles
- Axles between pivot points
- Axle groups before load
- Axle groups after load
- Push and Pull vehicles

Haenni Scales

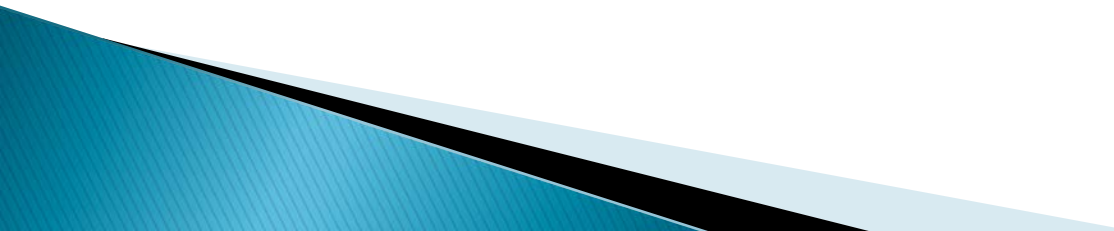


- ✓ Certified once a year
- ✓ Dimensions of scale platform
 - 2ft 5 inches X 1ft 3 ½ inches
 - ½ inch thick
- “Dummy” pads may be used under axles with no scales.
- Due to its durability and size, plywood is the preferred “Dummy pad”

Weigh all axles left and right side, inside and out.



One cannot simply weigh one side and double the weight!

- ▶ Different manufacturers, different weights. All equipment can be special ordered, such as 1 fuel tank instead of 2.
 - ▶ Fuel, chains, tools on one side and not the other.
 - ▶ Slope in parking lot to one side or the other.
 - ▶ For this to work the load would have to have the weight perfectly centered on the trailer, the trailer would have to be perfectly balanced along the centerline, and the vehicle would have to be weighed on a perfectly level surface.
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Questions???



COLORADO

State Patrol

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