

Static Streamline Application Data Sheet

Avery Weigh-Tronix

Completed by _____

Date _____

For _____

Location _____

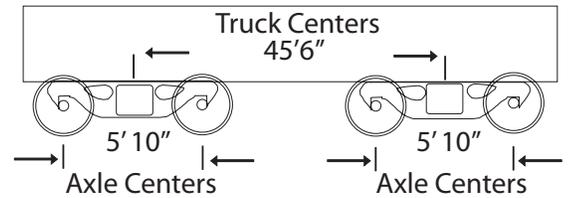
Defining the Streamline sections

Full draft weighing i.e., each axle of the car is supported on a Streamline section, is recommended for maximum accuracy.

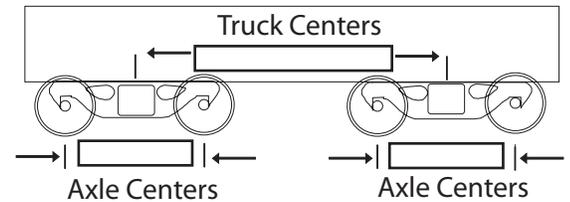
1. Are all the cars the same size? Specifically, are the truck centers and axle centers the same?
 Yes No If No, go to 9.
2. What is the truck center dimension? _____ ft _____ in.
3. What is the axle center dimension? _____ ft _____ in.
 (normally 5' 9" or 5' 10")
4. Can the cars be conveniently positioned within ± 4 inches?
 Yes No If No, go to 10.
5. What is the rail size? 100 lbs rail or above can be used for Streamline
 Lb / Yd
6. Is the existing rail mounted on wooden ties?
 Yes No
7. Are standard tie plates used?
 Yes No
- 8. This completes the definition.**
9. In general, a full-draft Streamline is not suitable for weighing cars of different sizes. However:
 - a. If there are only 2 or 3 different car sizes, it is sometimes possible to install additional Streamline transducers to accommodate different sized cars.
 - b. If variation in axle positions is 4" or less, then different car sizes can be accommodated but this will require more accurate positioning.
 - c. The two draft weighing method can be used but requires two positions per car for separate truck weights. This requires the car to be accurately positioned twice for each car. Different car sizes can be weighed using this method provided the axle centers on the trucks are the same, as is normally the case.

Define the cars to be weighed using the sketches opposite.

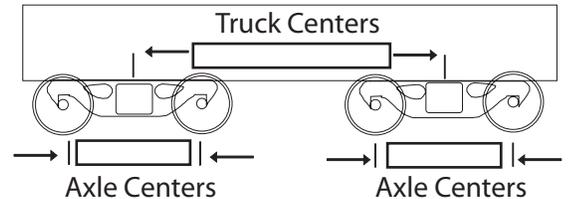
Example (Question 9)



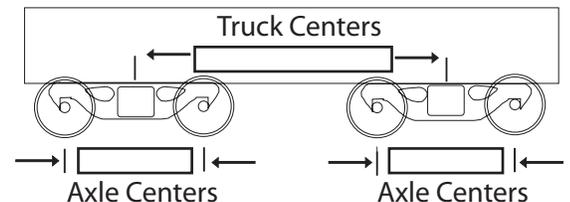
Car Type 1



Car Type 2



Car Type 3



10. The active weighing length/section is about 8 inches. If the cars cannot be positioned within ± 4 inches of center, then either an in-motion system or a conventional static scale should be used.

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