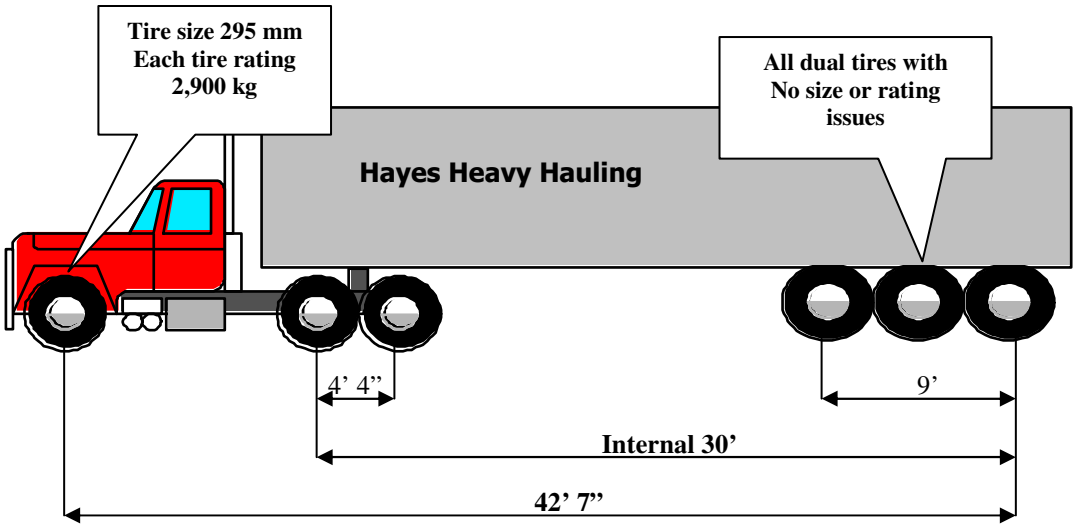

Allowable maximum weight from the gross weight chart? 9 ton = **80,000 #** 10 ton = **80,000 #**

Allowable steering axle weight? Weight by size = **13,920 #** Weight by rating = **12,760 #**

Tandem weight from gross weight chart? **34,000 pounds**

Tridem weight from gross weight chart? **43,000 pounds**

Allowable internal table weight from the chart (5 axles spaced 30 feet) **= 67,000 (this regulates the gross weight of the last 5 axles)**

Actual legal weight? (internal weight plus steering) **= 79,760 pounds**

Note: The internal weight is often less than the weight totaled by adding the tandem and tridem. Always use the lesser weight. The tandem cannot exceed 34,000# and the tridem cannot exceed 43,000# but the total of the 5 axles cannot exceed the internal table weight for 30 feet (in this example).

Restricted Weights

5 ton road? Steering = **10,000 #** Tandem = **18,889 #** Tridem = **23,889 #**

7 ton road? Steering = **12,760 #** Tandem = **26,444 #** Tridem = **33,444 #**

10% Increase

Maximum gross weight? **88,000 pounds**

Steering axle? **12,760 pounds**

Increased 10 % tandem axle group? **37,400 pounds**

Increased 10% tridem axle group ? **47,300 pounds**

Increased 10% internal table weight? **73,700 pounds**

Actual Increased 10% gross weight for this truck is = **86,460 pounds** (73,700 + 12,760)
Must comply with axle load limits if less than 10-ton….(9-ton for example)

Registration increase?

Need a transportation permit?

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