

Trailer Fit Equation

How to determine what size trailer you need to haul your load.

To Find the Estimated Axle Count:

$$\text{Cargo weight} \div 10,000$$

Example

If you have a 70,000 lb. load:

$$70,000 \div 10,000 = 7$$

You would need a 7-axle set up to handle the weight of this load.

Does the equation always work? **No.**






If you have a 150,000 lb. load:

$$150,000 \div 10,000 = 15$$

14-18 axle set-ups are very rare & uncommon.

This load would be placed on a 13-axle set up.

AXLE COMBINATIONS:

 7-axles	= 55,000 to 80,000
 8-axles	= 80,000 to 95,000
 9-axles	= 95,000 to 105,000
 10-axles	= 105,000 to 125,000
 11-axles	= 125,000 to 140,000
 13-axles	= 140,000 to 170,000
 19-axles	= 170,000 to 200,000

ATS has 1,954 heavy haul axles at your service and the experience to consistently move your freight safely and securely.

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Call 800 MEET ATS – or – Visit bit.ly/Find-My-Fit

For high-level reference only. Specific trailer, safety, routing and permitting requirements must be determined on a case-by-case basis. Please see the team of heavy haul experts at ATS for specific details for each load.

