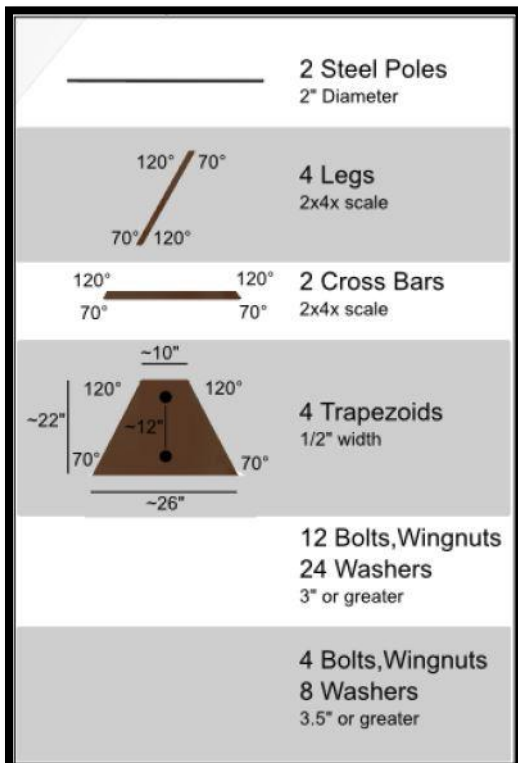




Fire Hose Loom

Adapted from instructions, and permission for use and publication granted, by Roseann Giambro.
Thank you, Roseann!

Photo below: Roseann Giambro beside her loom.



Items Needed and Tips

The legs and cross bars are 2x4s. The length is “to scale” to meet your needs. We lay out the 2x4s before cutting to ensure they will fit, but we’re not carpenters. If you are a carpenter and would like to tell us the formula, we’ll be happy to redo these instructions to include it. 😊

The steel poles should be at least 4 feet longer than the widest hammock you plan to make to allow for at least 1 foot of pole length outside the loom and to allow room between the hammock edges and trapezoids inside the loom. The 2 inch pole diameter is a minimum. The poles can be made of PVC, bamboo, or other materials. Just be sure they are strong enough to remain straight and not break when holding the weight of the hammock for long periods of time.

The length and of the legs should generally not be larger than shown in the picture above...unless you will have very tall people weaving the hammock. 😊

There are 4 trapezoids because the legs and cross bars are sandwiched between 2 trapezoids on each side for strength. The 1/2 inch width of the wood is a minimum. The length of the bolts will need to be adjusted if wider trapezoids are used. The bolts should be long enough to

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adequately secure the trapezoids to the legs and crossbars even when bearing the weight of the hammock. Wingnuts rather than other nuts are used to make it easier to assemble and disassemble the loom.

Use of a standing loom has advantages, including:

- Makes a tighter weave easier to achieve as gravity works with you.
- Allows hammock to be stored off the ground if hammock completion takes a few days.
- Easier on the weavers' back and hands.
- A groove with a locking mechanism can be made in the trapezoids and crossbars to allow the woven fire hose to be removed with the poles in place for use when making a bed.

Caution:

Be sure the loom is well constructed and in good condition before and during use. Fire hose is very heavy and the loom will need to hold the weight of the finished hammock and remain stable while weaving is being done. We can't be there to protect you from harm or be responsible for accidents related to the loom, so build it strong and use it with care.

