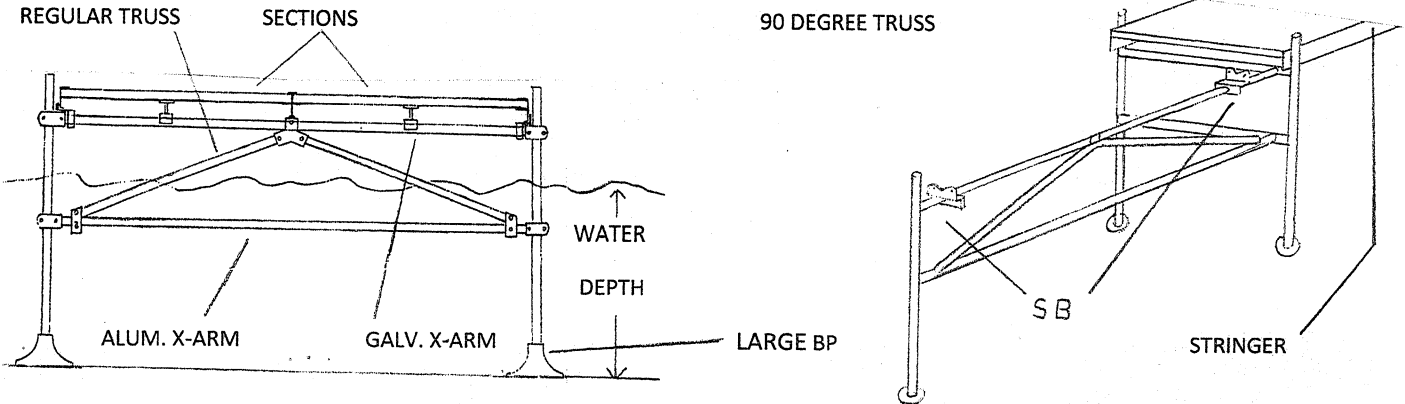


TRUSS AND PLATFORM INSTALLATION GUIDE

Alumi-Span trusses are lightweight and strong. We have 9 standard lengths from 6'-20' and they are ideal for creating party platforms and double-wide docks that are easy to install. Trusses come assembled although the 16' and 20' length are shipped in two easily assembled pieces for shipping.

There are two basic types of trusses. Regular trusses are free standing with a pole on each end. "90 degree" trusses use only one pole and on the other end the 2 clamps are turned 90 degrees so that you can fasten them to two cross-arms as shown.



IMPORTANT: Place all trusses so the center casting (#310A) is on the top. The "V" shape in the middle of the truss should be pointing up. If the truss is installed upside down, it will not have nearly the strength.

Trusses should be used with bottom plates if possible since it greatly simplifies installation. We recommend the large bottom plates because they allow you to place the truss assemblies in the lake like a sawhorse without having to worry about them falling over. If you place a rock or brick next to the bottom plates to mark their position, then every year you will know exactly where to put them.

The top of the trusses are really just long cross-arms and as with smaller cross-arms, they require a stringer bracket (SB) on each end. If you're setting 2 deck sections abreast, they should meet right in the middle where the flatted area of the #310 is located. If you're setting 3 sections abreast, adjustable stringer rest brackets are already pre-assembled on the top cross-arm. If you are installing one of our vinyl or wood decks, they will have a third aluminum center stringer attached to the bottom side along with a stringer rest

Once all sections are mounted together on the trusses, use 3/8"X1" bolts to connect the sections together on each end where they meet. Also included with your trusses are small black plastic "platform connectors". At either end where the section ends meet, you can lift two sections simultaneously about 1/2" and easily slide the connector onto the bottom of the two adjoining stringers, then just slide them under the dock down to approx. the middle of the stringer. These add more strength to the platform.

IMPORTANT: In each corner of the platform there will be one hole in the stringer but 2 holes in the stringer bracket located there. A common mistake is to pick the wrong SB hole causing the truss and SB to stick out about 3" beyond the dock sections. For most platforms you want to pick the hole that allows trusses and SB to be hidden under the platform. Note that the last X-arm of your straight dock also needs to be under the dock as it will not be shared with the platform which stands independently. What's the other hole for? On a platform with several trusses, the middle trusses share two rows of dock sections and both holes will be used.

IMPORTANT: Once the trusses with poles are set in the water and adjusted for height, firmly clamp both upper and lower truss clamps before walking or putting any heavy weight on the dock as not doing so will cause it to sag

ADJUSTMENTS: To raise or lower the center of the truss, loosen one of the bottom clamps only, adjust up or down and re-fasten

Our 16' and 20' trusses are really combinations of the smaller ones making them easier to store in the winter. So a 16' footer is really 2-8 footers connected by a telescoping center pole assembly (Spine). Included with the 16' truss is a bracket that mounts right into the top of the spine providing a nice flat spot for up to 4 section corners to meet

