



Korber Models

Scale Model Railroad Structures

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Model 701 O Scale Roof Top Wood Water Tank Instructions

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Introduction

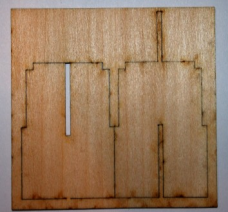
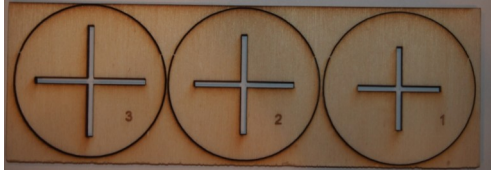
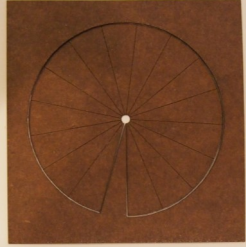

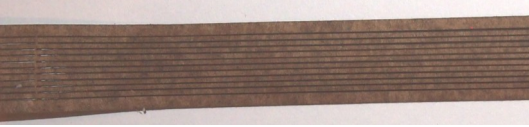



Congratulations, you have purchased the Korber Models #701 laser cut Roof Top Wood Water Tank. This tank represents thousands of similar units that could be seen on roof tops in any city or town all across the nation. You can follow the simple, step by step instructions outlined in this document to easily assemble this great looking addition to your layout.

Before you start you may want to read through the instructions to get a feel for the things you will be doing, and the basic order in which they will be done. You are on your way to adding great detail to your layout, so let's get started!

Parts list & Templates – (What's in the box)

Take a few minutes to locate all the parts in the box to make sure you have all the pieces you will need and that the quantities are right. If you are missing anything, please contact us so we can get you any of the missing items.



Qty	Description		Qty	Description
1	Cross section		1	Round support sections
				
1	Roof Section		1	Tank Wall Section
				
1	Peel and stick tank bands		4	Strip wood for roof ribs
				
1	Tank band install guide		7	2" - 1/4" x 1/4" for support platform
				

Materials needed – (What else might I need that is not included)

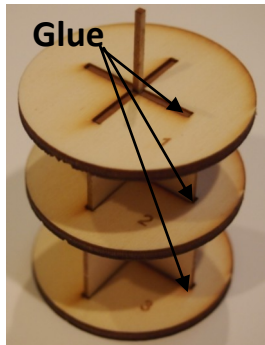
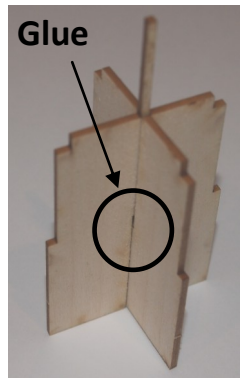
The Korber #701 Roof Top Wood Water Tank, like any kit, requires a few additional items to complete the construction. We have included a list here, including some color and brand suggestions based on our experience; however you may use any product that fits the function. RustOleum camouflage flat spray paints work well for painting the roof (Black) and the rest of the tank and support (Brown), Cyanoacrylate (CA) glue, also known as Super Glue, Gorilla™ super glue works well, CA glue accelerator (optional) (turns any CA glue into quick set glue), Testor's Dull-cote™ (optional)

1 - Parts preparation & painting

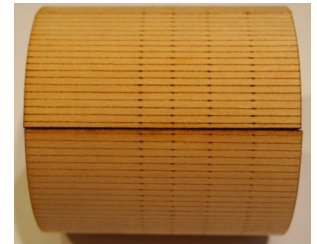
Look over all the laser cut parts and remove any surrounding material that may be holding them. This can quickly be done with a razor type knife. **Be careful not to over bend or crease any parts—they can break!**

2 - Assembly of tank support structure

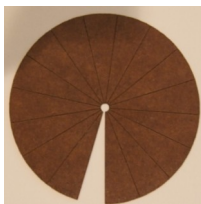
- Carefully nestle the cross section pieces together as shown in the picture to the right, place a drop of glue in the circled area where they meet
- Before the glue dries, place the three round support section over the top of the cross section you just built, starting with number 3 at the bottom, then 2 in the middle then 1 at the top
- The top 2 piece rest on a ledge cut in to the cross section, while the bottom rests on the table top. Place a drop of glue at each joint on each level to secure the tank support



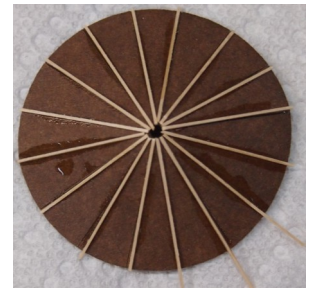
- Once the tank support structure is dry, turn it on its side and apply glue to the edge of the round support sections 1-3.
- Lay the tank wall section, smooth side up on a flat surface
- Carefully align the bottom of the tank support structure to one of the long sides of the tank wall section and roll the wall section around the support structure until the ends meet. Hold tightly the wall section to the support structure until the glue dries. Making a piece that looks like the photo to the right.
- Once dry, this section can be painted—we suggest a RustOleum camouflage flat spray paint colored Brown



3 - Assembly of Roof Section



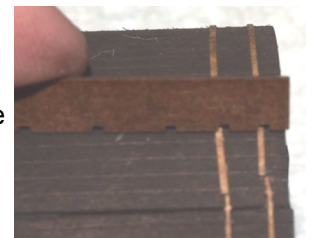
- The roof section will have a small wedge cut from one side, make sure the side with the numerous wedge shaped score marking are up.
- Carefully pull the outside edges together so as to close the wedge shaped opening in the roof section. When you do this, the center will rise creating a cone/peak to the roof. Place a small piece of tape under the seam to hold it together. Place a small drop of glue along the seam to seal it.



- Carefully cut pieces of the strip wood to match up to the scored marks in the top of the roof section, and with a drop of glue attach the wood strips to the roof section aligning them along the score lines as shown in the photo to the right. Trim any pieces that extend beyond the edge of the roof. Once dry, this section can be painted flat black.

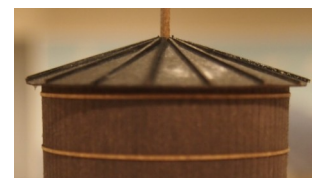
4 - Install Tank Bands

The tank bands are made of a peel and stick material. Using a razor knife, carefully separate them from the section holding them together. Using the tank band install guild, attach them one at a time around the tank. It is simplest to do this with the tank laying on the side so you can roll it on the table. Repeat for a total of seven bands. Note the bands come in a “rust” color, and look good with out any paint.



5 - Install Roof

The roof is attached to the top of the tank structure, which is the end that has the bands further apart. Simply run a bead of glue around the top of the tank, and carefully press the roof assembly to the top of the tank, using equal pressure all around. Hold in place until the glue dries. Make sure the roof is firmly attached on all sides. Use addition drops of glue as needed.



6 - Support Platform

Place two of the 2” wood sections parallel to each other 2” apart. In the opposite direction place five of the wood pieces on top of the two to create an assembly like the one shown in the photo to the right. Carefully lift each piece and place a drop of glue under the joint and replace the top section, repeat for the other four pieces. Once dry, this section can be painted flat brown like the tank.

Once the paint is dry, you can place the tank assembly on top of the platform, and secure with a drop or two of glue to the bottom of the tank.



7 - Final Detailing – Weathering

Your Korber #701 Roof Top Wood Water Tank is now assembled and ready for placement on the layout. You may wish to provide some additional weathering before you install it as it would rarely look brand new.

To add a weathered look, spray the entire model with flat black from a distance. This will give a sooty look to the tank. Once done you can spray the completed structure with Dullcote to remove any gloss or shine.