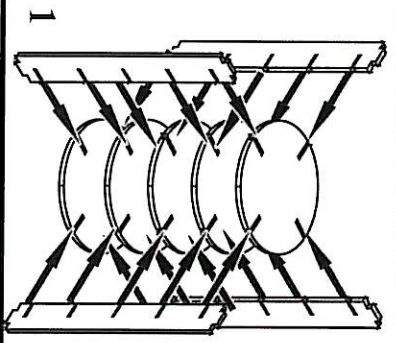
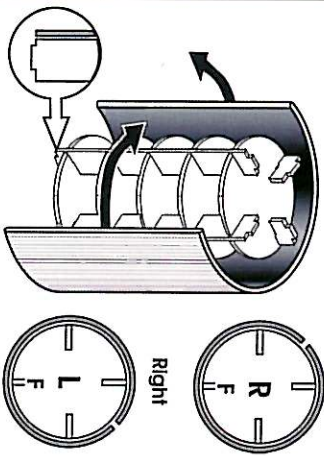


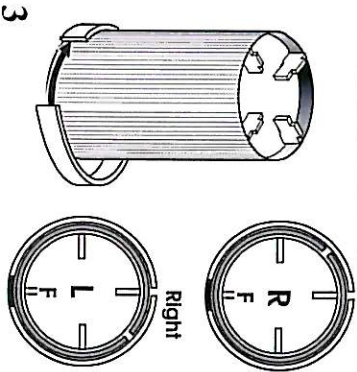
LASER-ART STRUCTURES by BRANCHLINE TRAINS



Leave a few rows for support



Left



Left

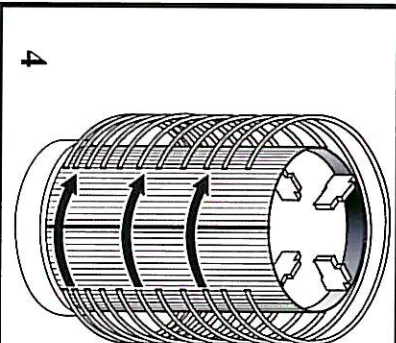
Coal silos:

9A) There are two coal silos on the end of the building. These build up from a core and wrapper. We'll break construction of these down separately.

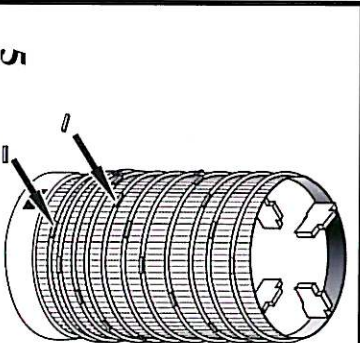
1) Start construction of the towers by gluing the four side supports to the 5 circular inner sections as shown. Note that one end of the side supports is slightly longer than the other - make sure you have all four going the same way. Before the glue dries test fit the tower base and lid to make sure that everything lines up. You may want to leave these in place to hold the parts together, just don't glue them on yet.

Once you have assembled the core, label the top disk of one with the letter "R" and the other with the letter "L". This will help identify the right and left towers as we add the details. Also label one of the upright support locations on each tower with an "F" to locate the front of each.

2) Now cut the backing paper on the scribed wrapper as shown. This will leave a few strips of backing paper still on the wrapper that will help support it as you work with it. Remove the remaining backing paper and wrap the wood around the core, keeping the bottom edge of the wrapper even with the bottom edge of the core supports and the seam between the side supports so that it will be hidden behind the towers (see diagram).



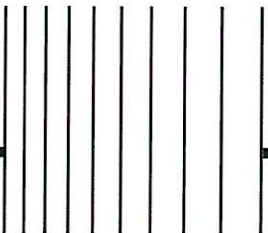
4



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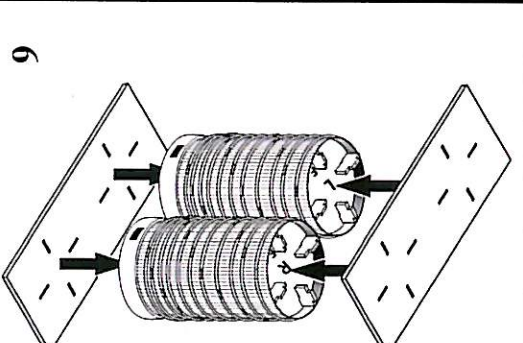
3) Glue the styrene foundation strip around the base of the silo so that the seam will be to the rear of the silo and the opening is to the front. Paint this to represent concrete.

4) We have provided some thin clear line to represent the retaining straps around the silo. Use paint or a Sharpie marker to color these black before use. The spacing on the straps should vary so that they are closer near the bottom and wider at the top - you can use the lines to the right as a rough template to help with the spacing. Glue one end of each strip at the seam of the wrapper, then wrap the band around the silo, cut it to length where it meets and glue the other end into place.



5) For added detail you can cut some strip styrene scraps into small sections and glue these around the straps to represent the clamps used to secure the straps. These should stair-step down the bands as shown and there should be three clamps per band.

6) Paint the top of the wood silo base (the one with the tab) to represent concrete, the glue the silos to it. (Make sure to put the right silo in the right and the left on the left....). Paint the silo top a dark brown and then glue it to the top of the silos.



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