

INSTRUCTIONS

RECONSTRUCTION OF THE LOCK CHAMBER HEAD, HOŘÍN

Start by assembling the bridge.

Glue the arch 4 (the bigger one) to the reverse side of piece 1, close part 5 with gate 30 before gluing it to part 1.

Then fold bridge deck 3 into shape and attach it.

Now complete this section with piece 2, gradually attaching to the railing of the bridge deck and arch 4.

Continue with the side walls of the locks.

Attach piece 6 to piece 2 separately.

Assemble pieces 8 and 10 into the central section and set aside for the time being.

Fold piece 7 into shape and join it to pieces 8 and water surface 9 and connect this entire section to piece 2.

Fold pieces 17, 18 and 19 into shape and connect to the lower water surface 11.

Then connect the bridge and the sides of the locks to water surface 11, which forms the base of the model as a whole.

Glue them by sections, constantly checking that the joins and the model as a whole are flat.

Now it's time to glue on the various additional fixtures.

Attach the house assembled from pieces 12, 13 and 14 to the marked place on piece 10.

Add lanterns 21 to columns 16 and, along with columns 17, attach them to the bridge and navigation parts in the marked places.

Carefully bend the side staircases – the left one from parts 23, 24, 26 and 28 and the right one from parts 22, 25, 27 and 29 – into a curved shape and, once assembled, attach it to bridge 1, navigation parts 19 and 20 and to water surface 11.

Finish the assembly with the gates, pieces 31 and 32: first, stick pieces 31 and 32 onto card backing approx. 1 mm thick and then attach the pieces the open lock so that the gates are open.



TIPS

Whether this is your first experience with paper models or you're an old hand, it doesn't hurt to refresh the basics. If you're an experienced modeller, please don't feel offended.

WHAT WILL YOU NEED?

Scissors and glue, above all. Preferably one large pair of scissors and one smaller pair (such as straight manicure scissors). Plain dispersion adhesive (Hercules brand or similar) and a stick of office glue. If you come across a part that isn't made of paper, "super glue" is ideal.

A modelling knife or scalpel and a cutting mat (available at any hardware store or sewing supplies store) are useful for precision work with small parts and cutouts. A steel ruler will help you when you need to make straight cuts and etch folds.

A blunt knife or needle should be used to etch folds.

What is harder to find is a clean workspace with good lighting and, most importantly, peace and quiet.

SO HOW SHOULD YOU GO ABOUT THE WORK?

Nice and slow, that's the main thing.

Cut out the pieces with scissors or a sharp knife on a mat. Before cutting out the pieces, take a close look and use a blunt knife or needle to groove the folds. Etch the folds on the reverse side of the piece and the folds in the face side from the reverse side (mark the line on the other side by piercing the end points with a needle). Cutout sections in a piece are usually marked with red diagonal lines.

Before gluing the parts together, make absolutely sure you've got everything in the right place. Follow the instructions, or work on the basis of the image of the finished model, and with a little patience the model will be finished in a few hours (some sooner, some later). Ordinary joins are glued with dispersion adhesive, which is water-based glue that usually becomes transparent when dry. When applying card backing to larger areas, stick glue is more suitable, as it doesn't contain as much water and the parts won't warp. It is also recommended to let flat parts dry with a weight on top of them. Parts that are not made of paper (wooden skewers, wires) should be affixed to the model with "super glue".

To make the model easier to handle, it is a good idea to glue the entire terrain onto a base of thicker cardboard when finished. This will stabilise it and prevent damage when you or anyone else handles it.

We recommend retouching the glossy white edges of the paper after gluing or even during gluing. You can use ordinary watercolours, tempera or coloured markers.

If you want the model (especially its coloured edges) to last a long time, you can spray it with clear varnish after assembly. The most affordable is matt acrylic spray varnish, which you can get at your nearest hobby shop.

We wish you a steady hand, plenty of time, lots of patience. And most of all, have fun!