

Building instruction
A puppet theater for the playroom



BOSCH

Description

This will be great fun! A puppet theater for the playroom. The stage is designed in amusing shapes and bright colors to set the scene for an imaginative theater performance. Whether they watch the performance or are backstage themselves, your kids are bound to be thrilled.

When Punch, Grandma, the Policeman, Devil and Crocodile have their exciting adventures, abundant laughter and applause are guaranteed.

To ensure that nobody is bored, the figures can pop out of moveable windows and doors in the side panels and amuse the audience. Perhaps your next children's birthday is coming up. In that case you should build the puppet theater as soon as possible. It is a wonderful present. And if you conceive a short play for the premiere, the birthday party is sure to be a great success.

Given its simple construction, the puppet theater can be folded away quickly and stored without taking too much space. And as you can see, building it is very easy. The front and side panels are made of 12 mm plywood. With a hand-held circular saw and a leading runner, you can saw the required forms from a large panel with great precision. Alternately, the saw can also move along a runner attached to the workpiece.

Once the large parts have been cut to shape, you can start the detailed work. The front section receives its terraced top, a circular cutout and the stage window. The side walls have doors and windows as shown on the printable diagrams. A piercing saw is ideal for the job. 8 mm holes are drilled into the panels to prepare for the piercing saw to cut into the wood and saw around corners. Fix the parts carefully to your workbench. A sufficiently large overlap at the side ensures that you do not accidentally damage the worktop while sawing.

All other small parts like shutters, steps and doors can be made from the 12 mm plywood panels. A stationary belt grinder with a longitudinal gauge can cleanly smoothen the edges of the parts you have cut. The inner edges of the openings of the larger parts are smoothened with sandpaper and a sanding block. Mount the upright belt grinder with a lateral gauge onto the workbench for curved edges like the upper edge of the roof of the left side entrance, which is made of four glued layers of plywood. Use an orbital or swing sander to smoothen the large wooden surfaces of the front and side panels.

Once all the wooden parts have been prepared according to the materials list, you can paint them. We used environmentally friendly acrylic paint in glowing colors. Naturally, there is no limit to your imagination concerning the colors you choose for decoration.

To finish, assemble the individual parts with the aid of an adhesive gun in the places indicated on the diagram. The shutters are mounted using hinges. Two long piano hinges connect the side panels with the front panel. We recommend using a cordless power-driver to screw in the many small screws.

Now all we need is the stage curtain. Both halves are pulled by a string that runs along the inside of the front panel and can be drawn using two cords. You can buy appropriate finger-puppets in well-stocked toy stores.

If you want to try carving or model-making, you can make the puppets yourself. The heads are attached to the bodies, which are sewn using appropriate material to fit over the performing hand.



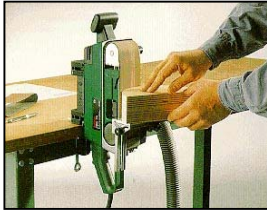
1. The runner allows you to use your hand-held circular saw with absolute precision. Cut the front and side panels this way.



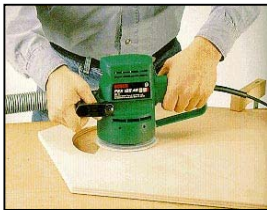
2. A piercing saw is used for the openings in the panels. Create a precise semicircle using a circular runner..



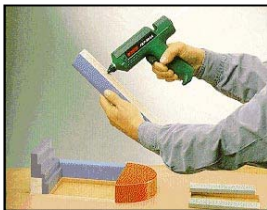
3. To smoothen all sawn edges, mount the belt grinder sideways and run the work pieces along the longitudinal gauge.



4. To work on curved forms, it is better to mount the belt grinder upright and use the lateral gauge.



5. Smoothen surfaces with the orbital sander. Carefully level out any uneven patches first with a spatula.



6. Mounting the individual painted parts to the side of the puppet theater is especially easy with an adhesive gun.



7. The power-driver makes screwing in the many little hinge screws for the shutters easier.

Materials list

| Pos. | No. | Description | Measurements in mm | Material |
|------|-----|-------------------|--------------------------------|---------------------|
| 1 | 1 | Side panel | 500 x 1400 x 12 | Plywood |
| 2 | 1 | Front panel | 1000 x 1600 x 12 | |
| 3 | 1 | Shutters | 500 x 1400 x 12 | |
| 4 | 4 | Decorative panels | 50 x 196 x 12 | |
| 5 | 2 | Side wall | Ø 24 x 260 | Plug bar |
| 6 | 2 | Wood screws | 260 x 33 x 12 | Plywood |
| 7 | 60 | Hinges | 2 x 10 | Metal |
| 8 | 14 | Roof | 10 x 25 | |
| 9 | 1 | Door(s) | 208 x 100 x 48 | Plywood |
| 10 | 1 | Step | 160 x 200 x 12 | |
| 11 | 1 | Piano hinges | 160 x 20 x 12 | |
| 12 | 1 | Rabbets | 160 x 50 x 12 | |
| 13 | 1 | Curtains | 160 x 80 x 12 | |
| 14 | 2 | Doubled runners | 160 x 120 x 12 | |
| 15 | 2 | Panels | 1400 x 12 | Nickel plated metal |
| 16 | 2 | Sliding shutters | 1400 x 40 x 15 | Solid pine |
| 17 | 2 | Gabled roof | 500 x 350 | Synthetic velvet |
| 18 | 6 | Columns | 280 x 25 x 12 280 x 20 x 12 | Plywood |
| 19 | 3 | Consoles | 101 x 40 x 6 | |
| 20 | 6 | Storage | 101 x 80 x 6 | |
| 21 | 1 | Side panel | 280 x 100 x 24 | |
| 22 | 2 | Front panel | 205 x 40 x 12 | |
| 23 | 2 | Shutters | 200 x 80 x 12 | |
| 24 | 1 | Decorative panels | 280 x 20 x 12 | |
| 25 | 1 | Side wall | 280 x 50 x 12 | |
| 26 | 1 | Wood screws | 280 x 80 x 12 | |
| 27 | 2 | Hinges | 280 x 110 x 12 | |
| 28 | 2 | Roof | 50 x 50 x 12 | |
| 29 | 1 | Door(s) | 700 x 70 x 12 | |

Disclaimer

Bosch assumes no liability for damage to health or property.

