

ASSEMBLY INSTRUCTIONS

RTS 3P8 HISTORIC NURBURGRING PIT BUILDING

CONGRATULATIONS

Congratulations in choosing a unique product to enhance your slot car track diorama. This can truly be described as a product born from a love for slot cars. Buying this product have made you a member of a very special family, yes you are not dealing with a faceless business, but rather a family of slot car fanatics.

We have put hours of skill and more importantly love into this product and it is wonderful to share our love for slot cars with you. May you enjoy the build and have years of joy having it as part of your trackside diorama.

The old Nürburgring is truly an iconic racing track from years gone by and the long row of pit buildings adjacent to the familiar Conti Tower is quite unique. We have tried to capture the essence and character of those iconic buildings in a collection of single and double pit buildings. These buildings will enhance any trackside, but specifically those with a sixties/seventy's ambiance. The pits are specifically designed to house and display four of your special slot cars from that era.

WARRANTY

This product is covered by a comprehensive money-back warranty to ensure your absolute satisfaction with your purchase.

WHO ARE WE?

This product is brought to you by racetrackscenics.com. If you have not done so already, please visit our website today. You are also most welcome to visit the Facebook pages "Race Track Scenics Slot Car Scenery" and "Johan Malan" to keep up to date with the latest developments and the launching of exciting new products that may be in the pipeline.

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for any assistance that you might require. Your feedback and a photo or two of your trackside addition will really be appreciated. We love to share in your joy!

WHAT IS IN THE KIT?

In this kit you will find all the laser cut pieced needed to assemble this product. The pieces are still intact in the sheets as they were cut to ensure that all the parts are

there. Some of the loose bits inside pieces may have been removed, but they are not part of the finished product. In the section “FAMILIARIZE YOURSELF” below, you will find diagram(s) that identify and explain each piece (component) that you are about to assemble. In the section “PREPARING THE CUT PIECES” below, you will learn how to proceed to prepare the pieces for assembly.

In the kit you will also find some optional pre-cut artwork printed on matt photo paper. This can be used to brand your finished product.

WHAT YOU WILL NEED

We have specifically designed this product so that it is easy to assemble with only a few basic tools. You will need the following:

- a screwdriver
- a sharp hobby knife
- some glue
- a few toothpicks
- a few earbuds can be handy
- a paintbrush and paint or a rattle can or two with spray paint.

There are really two schools of thought as to the right glue to use. Some people prefer a rapid setting glue like most gel super glues, while others prefer a slower setting glue like ordinary cold wood glue. Sometimes more than one part must be assembled almost simultaneously and then a forgiving glue makes life a bit easier. Other times you may want a quick fit and then the rapid setting glue is the obvious choice. Our advice is to see what works best for you, there are no right or wrong, both types will produce a sturdy structure.

You will only need a small amount of glue and remember to look for the surfaces that will be in contact in the end and do not only apply glue to the lugs and sleeves. The latter restrict movement in one plane, but the glue fix it in the perpendicular plane. Using a toothpick is a handy way to apply glue and an earbud can be used to dab away any excess of glue (especially if you use wood glue).

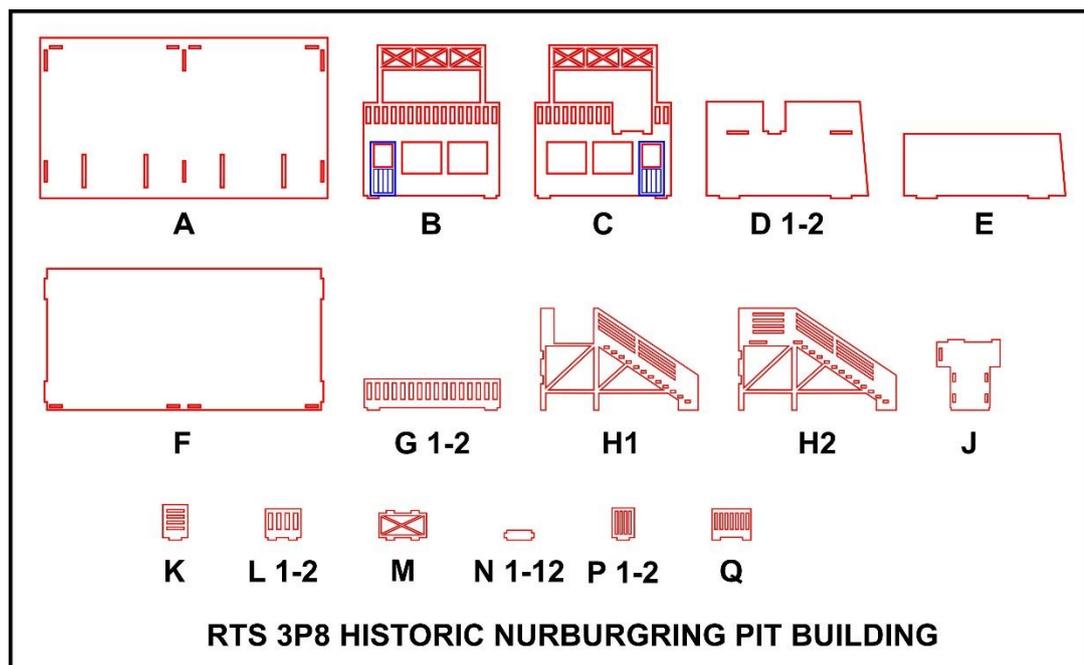
If parts must be at a right angle, you can use any object to assist you in obtaining a square finished product in the end.

FAMILIARIZE YOURSELF

Have a look at two photos of the finished product:



Now have a look at this diagram where all the laser cut parts are showed and numbered from **A** to **Q** and try to identify which is which and where they fit in.



The base plate with slots for the guide pins of your slot cars is component **A**. Two rear walls **B** and **C**, a central dividing wall **E** and two side walls **D 1-2** fits into the base plate. The engraving on the rear walls should face to the outside (rear).

Above the pits is a viewing deck **F** that spans between walls **D 1-2** and which rests on wall **E**. On top of the deck are two balustrade walls **G 1-2** in the front.

Access to the viewing deck is via a staircase at the back. The staircase consists of two sides **H1** and **H2**, a landing/catwalk **J**, an end gate **K**, the two side railings of the catwalk **L 1-2**, a leg brace **M** and twelve steps **N 1-12**. Access to the staircase can be restricted with gate **Q**.

Access from one viewing deck to the other is via a central opening in the end walls. This access can be restricted with gates **P 1-2**.

PREPARING THE CUT PIECES

Firstly, remove all the laser cut parts from the sheets. The sheets can be discarded. Clean the edges of the parts if there are any tiny bits where the parts were fixed to the sheets. This can be done with your knife or even your thumb nail.

We recommend that you start by sanding your finished product with a very light sandpaper to ensure a smooth finish for the end product.

WORD OF ADVICE

We would strongly advise you to do a quick dry assembly before you start gluing the laser cut parts together. Lay out all the parts on your work surface and make sure that the parts are not upside down or mirrored. In most instances it will make no difference, but in others it may be crucial to ensure a perfect product in the end.

PAINTING YOUR PRODUCT

We would strongly advise you to finish the product with paint or wood stain to make them as appealing as possible. The parts should be primed (2 coats) and painted before final assembly. Spray paint can also be used to get a very smooth finish. Oil or water-based paint can be used and specialised paints like chalk paint can be used to give unique finishes.

Generally, it is highly advisable to paint/spray before gluing. You may not be able to get to the inside of the structure after it is glued together. Covering all the parts that must not be painted or sprayed with the same colour can be a tedious process. Pre-painting will avoid this process.

Please ensure that no paint clog a sleeve where a lug must fit in later. The tolerances are often so tight that too thick a layer of paint may cause problems. It is

our experiences that a small foam roller instead of a brush, will produce a better finish and far less clogging of sleeves.

Applying a base or undercoat normally makes life easier afterwards. Two coats of primer are advisable because the MDF absorbs a lot of paint. Using a single colour for the undercoat of all parts works quite well from personal experience. You can choose the paint of your preference, whether it is oil or water based. Cleaning brushes and rollers are just so much easier if you use a water base paint. A chalk paste can give a unique finish to walls and give a weathered look if so desired. If you prefer to protect the paint work of your structure you can always apply a clear spray coat.

LET'S GET STARTED WITH THE ASSEMBLY

Place the base plate **A** on your work surface. Proceed to glue in the nubs of the two rear walls **B** and **C**, the central dividing wall **E** and two side walls **D 1-2** into the slots of the base plate. The engraving on the rear walls should face to the outside (rear). Remember to apply a bit of glue where the underside of the walls touches the base plate and where the sides of the walls touch each other. Apply some gentle downward pressure on the walls to ensure a tight fit and make sure everything is square and plumb before the glue sets. **NB:** Proceed to glue in the viewing deck **F** between walls **D 1-2** before the glue fully sets. The slots for the balustrade walls should be towards the front. Now the nubs of the two balustrade walls **G 1-2** can be glued into the slots of the viewing deck **F**.

Next, we are going to assemble the staircase that allows access to the viewing deck from the back. Put the one side of the staircase **H2** on your work surface with the high end to the left. Keep the landing/catwalk **J** and the steps **N 1-12** handy. Proceed to glue the nubs on the one side of the landing **J** and the 12 steps **N 1-12** into the corresponding slots of the side on your work surface. Have a look at the photo above to ensure that you have the landing/catwalk's orientation correct. Ensure that the landing and steps are square to the side and allow the glue to partly set before you proceed.

Now for the trickiest part of the assembly, you must now glue the other side **H1** to the completed staircase sub-assembly. You can consider to fit all the lugs loosely into the corresponding slots of the second side without applying any glue. You will notice that the landing/catwalk **J** will protrude through the opening of the second side. It should now be easy to remove one after the other nub, glue it and replace it and then move on to the next one. It is advised to start from one end and work your way to the other end by matching lugs and slots one by one, almost like closing a zipper tooth by tooth. It should be best to start from the left side (where the landing is). Once all the steps are glued in you can apply some glue where the catwalk protrudes and rests on the side **H1**. Next you can glue in the leg brace **M** between the two legs of the assembled staircase. At this stage, before the glue fully sets, is it important to assure that the whole staircase structure is aligned and as square as possible. Apply some gentle pressure on the top side to ensure a snug fit. The last

step in the assembly of the staircase is to glue in the end gate **K**, as well as the two side railings of the catwalk **L 1-2**.

In the kit will you find three optional gates **Q** and **P 1-2**. Gate **Q** can be used as a gate in front of the staircase opening (in which case you may prefer not to glue it in). If you do not want a staircase, you can use this gate to secure the opening. Gates **P 1-2** restrict access from one viewing deck to the other. Depending on the number of pit buildings this can be used and glued in, or otherwise simply position them in the openings.

FINISHING & BRANDING

We leave the finishing to your imagination and your taste. Do whatever you think will transform this into a structure that will compliment your race track diorama. We have included the branding that you have requested so that you can use it to finish your pit building with the livery of your choice. We recommend that you protect the branding with a clear spray.

CONCLUSION

We sincerely hoped you have enjoyed this assembly and finishing. Please remember to give us some feedback and either send or post some pictures of this product on your track.