

ASSEMBLY INSTRUCTIONS

RTS 1S20 San Marino Marlboro VIP Spectator Stand

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 put hours of skill and more importantly love into our products 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.

This structure is a replica of a spectator outlook along the trackside of the Imola circuit during the San Marino GP in the golden years of racing. From photo evidence it featured more than one livery and you can choose one of the two liveries as part of this kit as artwork. A very distinctive feature of this multi storey outlook is the spiral staircase that gives spectator access to the different levels. We have tried to copy this spiral staircase within the limitations of the manufacturing process of the kit. We believe that this structure can be the focal point of any trackside and will bring some character to any slot car track diorama.



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 pieces 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.

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).

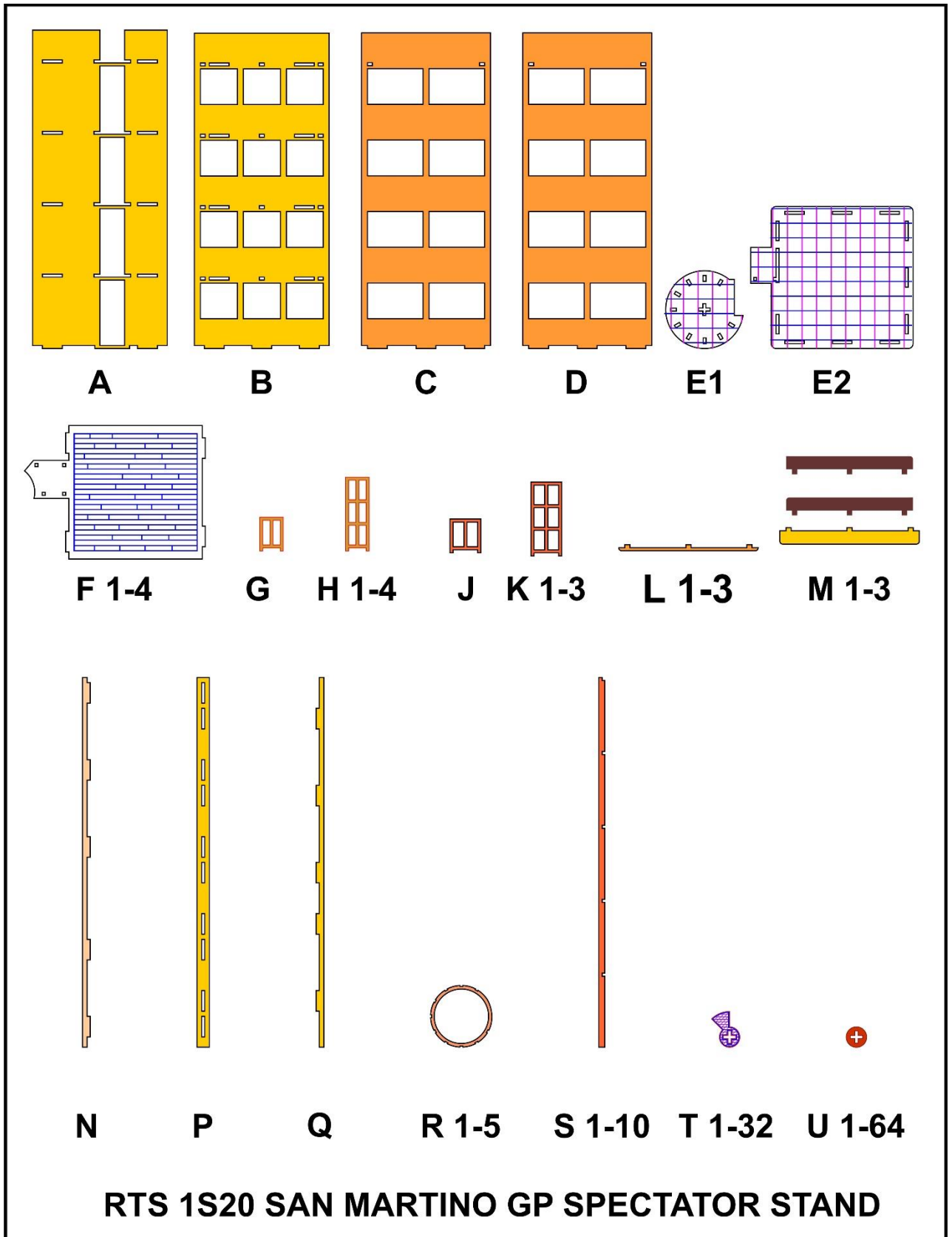
If parts must be at a right angle, you can use any object to assist you in obtaining a square finished product in the end.

FAMILIARIZE YOURSELF

Have a look at photos of the finished product.



Now have a look at the diagram where all the laser cut parts are shown and numbered from **A** to **U**. Next, we will identify which is which and where they fit in.



The main structure is made up of a floor (**E2**) and the front wall (**B**), the rear wall (**A**) and the two side walls (**C**) and (**D**). The walls fit into the floor (**E2**). There are a further four floors (**F 1-4**) that are suspended between the front and rear walls.

There are some railings on the different floors. On the ground floor one railing (**H**). On the next three floors one each of railings (**H**) and (**K**). On the top floor railings (**G**) and (**J**).

On the front wall there are three cover strips (**L 1-3**) (fits into the lower slots). These should not be used if you want a smooth surface for artwork that covers the slots.

On the front wall and the two side walls are narrow balconies (**M 1-3**) that fits into the slots at the top. **NOTE:** These balconies must be fitted after the artwork have been fixed. The nubs of the balconies will go through the pre-cut artwork and should have a very tight fit so no glue is required. The balconies can then be recovered later and the artwork can then be replaced later if required.

The spiral staircase is made up of a floor (**E1**), a central column made up of pieces (**N**), (**P**) and (**Q**). There are 10 vertical columns (**S 1-10**), that together with the five hoops (**R 1-5**), forms the safety cage around the staircase. The actual staircase is made up of steps (**T 1-32**) and spacers (**U 1-64**).

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

You can start by placing the front wall (**B**) on your work surface. Then you can proceed to glue in the nubs of the floors (**F 1-4**) into the slots in the front wall. Note that the floors have engraving that must face upwards. All that is needed for a proper sturdy assembly is some glue where any two parts touch each other. The nubs that fit into the slots stop any movement, but the glue holds all the parts together. The parts must therefore have glue where they touch each other (only a little bit of glue is required). Apply some gentle pressure on the floors to ensure a snug fit. Ensure that the glued parts are true and square to each other before the glue sets fully. At this stage you can use the rear wall as a rig (with no glue) to ensure the floors are equally spaced and true. Allow the glue to set and then you can proceed to glue in the rear wall (**A**). **NOTE:** The rear wall is fragile due to the slots where the floor must go through, so please handle it with care.

Once the glue has set you can glue the nubs at the bottom of the sub-assembly into the slots in the floor (**E2**). Again, the engraving must face upwards. Next, the two side walls (**C**) and (**D**) can be glued into the slots in the floor. Remember some glue where the side walls make contact with the front and rear walls.

Next the railings on either side of the door openings on the different levels can be glued into the slots of the different floors. They will fit snugly between the floors. Ensure that they are plumb before the glue sets. On the ground floor is one railing (**H**). On the next three floors there are one each of railings (**H**) and (**K**). On the top floor there are the shorter railings (**G**) and (**J**).

On the front wall there are three cover strips (**L 1-3**) that will fit into the lower slots. These should not be used if you want a smooth surface to fix artwork that covers the slots. The artwork supplied will cover these slots.

On the front wall and the two side walls are narrow balconies (**M 1-3**) that fit into the slots at the level of the top floor. **NOTE:** These balconies must be fitted after the artwork have been fixed. The nubs of the balconies should have a very tight fit so no glue is required. The artwork can then be replaced later if required.

This completes the assembly of the main structure.

To assemble the staircase, we can start by assembling the centre column by gluing the nubs of pieces (**N**) and (**Q**) into the slots of piece (**P**). They will fit in on opposite sides of (**P**) to form a cross shaped column. Next, the bottom of the column can be glued into the cross shaped slot in the staircase floor (**E1**). The individual steps and spacers have a cross shaped opening that will fit over the column. The steps have some engraving that must face upwards, including a number between 1 and 8. The steps (**T 1-32**) and spacers (**U 1-64**) must be stacked from the bottom in the following sequence: spacer, spacer, step 1, spacer, spacer, step 2, spacer, spacer, step 3, spacer... spacer, step 8. Once you get to step 8, you repeat the process three more times. There is no need to glue all the steps and spacers and you only have to glue the top step 8 to the column.

There is a safety cage around the staircase. You can start by gluing the square end of the 10 vertical columns (**S 1-10**) into the slots in the staircase floor (**E1**). **NOTE:** The notches must face inwards and there should be a notch right at the top. There are five hoops (**R 1-5**) that will fit into the notches of the columns. **NB:** The hoops must be in position before the glue of the columns set. This completes the assembly of the staircase.

You can keep the main building and the staircase as two independent structures or you can glue them together if they will remain in one place. The one end of the hoops can then be glued to the underside of the cantilever part of the different floors. The design is such that they should fit in perfectly underneath the floors. The floors of the two structures, (**E1**) and (**E2**), can also be glued to each other.

FINISHING & BRANDING

We leave the finishing to your imagination and your taste. Do whatever you think will transform this completed as an integral part of your race track diorama. This kit comes with a choice of artwork to decorate the tower.

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.