

## **Flying Bedstead / Four Poster / Bunk Beds / Dormitory**

### **Introduction**

Thank you for purchasing this kit. It is a simple kit, however a little preparation is required so please read the instructions before diving in. Practice fitting is recommended!

### **Preparation**

The kit provides all the parts needed except glue and finishes. The provided parts have been laser cut some minor finishing may be required using simple hand tools. Some parts may benefit from having the surface finish (paint, varnish, oil, stain etc.) applied before assembly. Some glues may effect the finished surface (e.g. stain) therefore a trial of glues and finishes is recommended on a hidden surface.

Recommended glues are: PVA and Cyanoacrylate (superglue) but any other suitable glue could be considered.

Laserply uses a water based glue interior glue which cuts down on emissions and over-burn (scorch marks) when

cutting. Occasionally, the laserply, a naturally based material may have warped or may warp when a finish is applied (e.g. water based stain). Dampening the piece and allowing it to dry naturally under a weight on a flat surface normally improves it.

## **Assembly**

Having, read all the instructions, prepared the parts and trial fitted them the kit is finally ready for assembly. The following construction order is recommended:

1. Using the flood as a template cut the mattress(s) to shape.
2. Glue the chassis to the underside of the floor, two pairs of parallel lines mark the inner location of the chassis beams, the inner set for 32 mm track the outer for 45 mm track.
3. Glue the central rails to the insides of the marks down the floor, these butt up to the end frame couplings and add real strength to the ends.
4. Glue the bedsteads to the end. This is best done by laying the bedsteads on a flat surface and standing up the chassis, use a square block for alignment. It is recommended that a strong glue (e.g. cyanoacrylate) is used as the contact area between the floor, central rails and bed frames are limited.
5. For the four poster add the top rails.
6. For the dormitory add the middle frame then the upper bunks and side ladders.
7. For the bunk beds add the upper bunk and side ladders.

8. Add the axle boxes using cyanoacrylate glue, axles and wheels and set to gauge. Location marks and rivet detail are provided on the chassis beams.
9. Add the couplings, they can be a bit fiddly between central rails.
10. Make the bed with the material provided. Pillows can be made by rolling up excess material. Figurines can be added. Sheets can be flying or tucked in! Curtains and a canopy could be added to the four poster.
11. Add mattress and bedding to bed frame. Attach with some adhesive otherwise the occupants might fly.
12. Test and enjoy.

More resources are available on the [www.platewaymodels.co.uk](http://www.platewaymodels.co.uk) website.

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