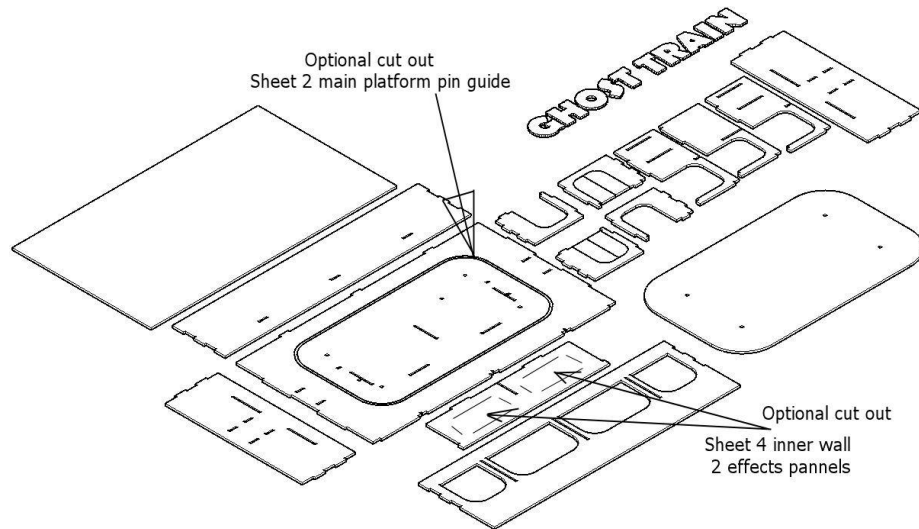


Instructions (Pieces may be slightly different from diagrams) 1:76 scale

Layout and identify all pieces see reference sheets at end

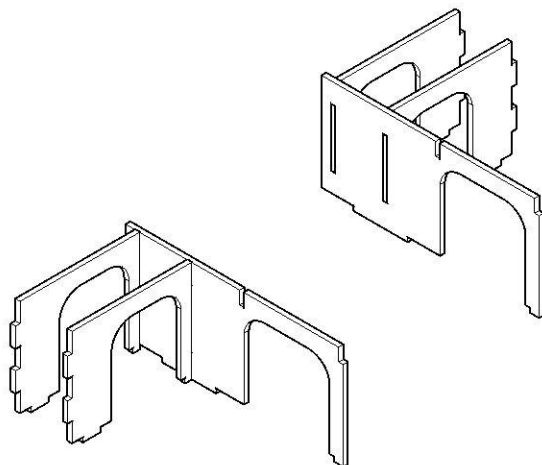
Be aware 3 pieces are optional cut-outs so identify these before cutting out all pieces



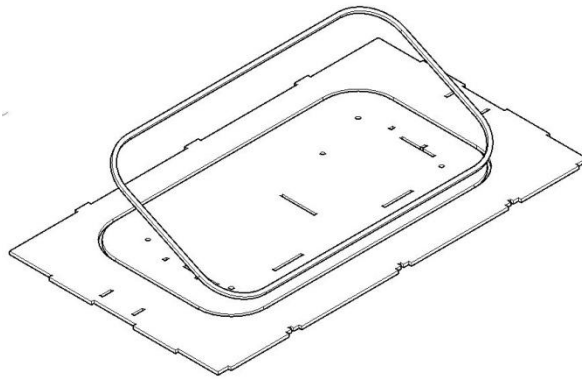
Cut all the holding tabs with a sharp blade and sand flush

Assemble the left and right door areas

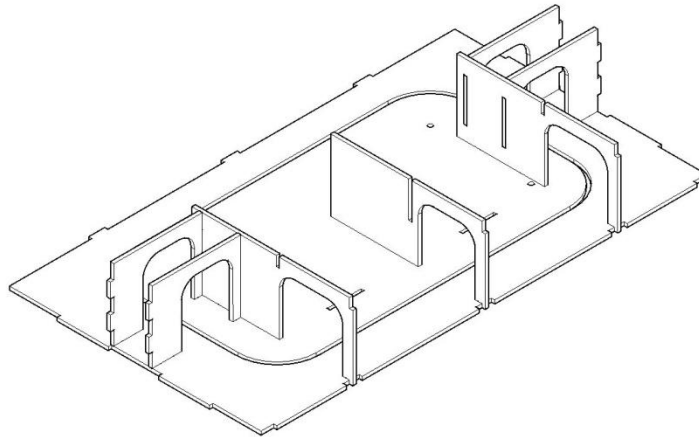
Middle arch left A and 2 x door walls, Middle arch Right C and 2 x door walls



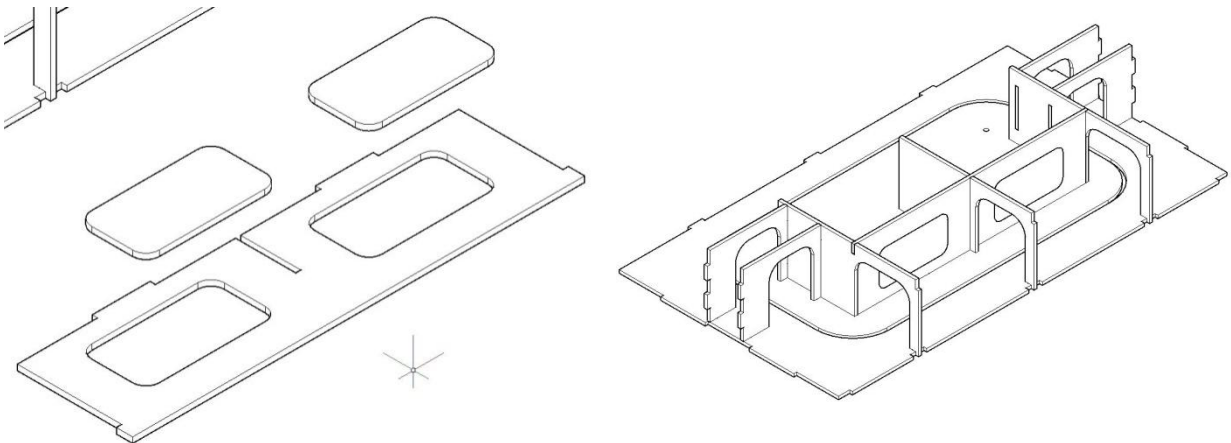
OPTIONAL Remove the pin guide or leave in if required dependant on your requirements.



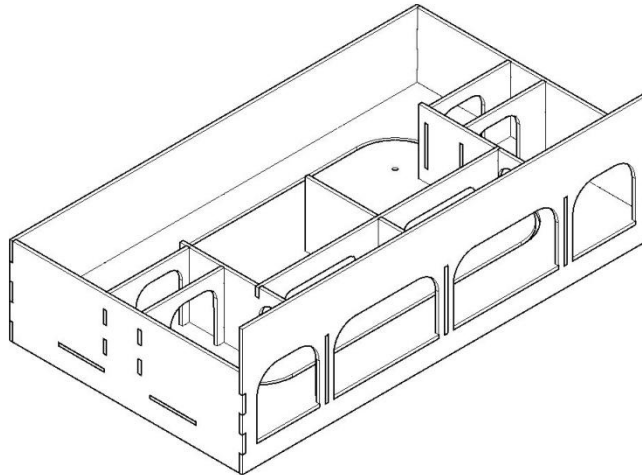
Fit left and right door areas onto main platform along with Middle arch B



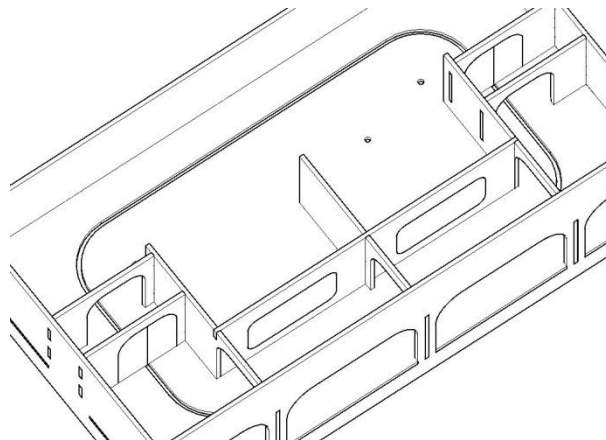
Slide in the inner wall, note the optional 2 panels can be removed to add effects such as rotating blades or even a small screen etc.



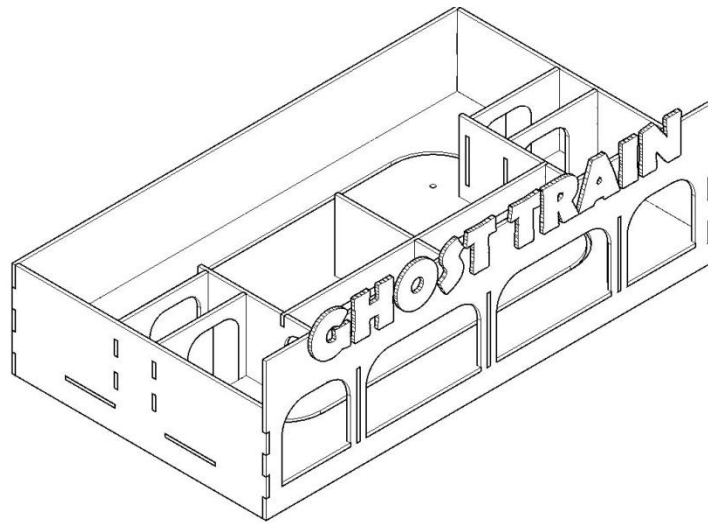
Fit the 2 side walls; make sure writing is inside and towards the back. Fit the front and back



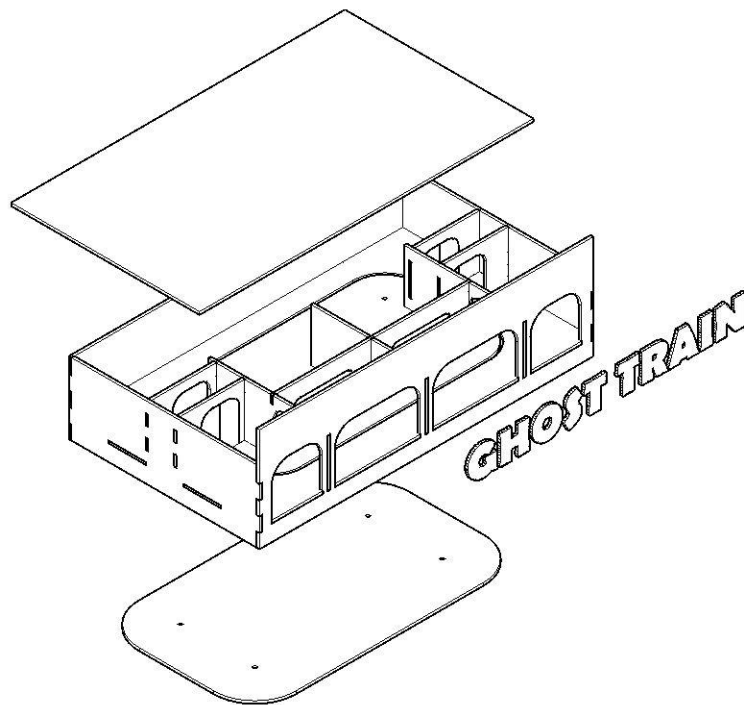
Doors should be fitted as the picture, if it is a working model doors should be hinged to open into the space between the walls.



Finally fit the letters



The top should be left loose for access; the optional drive plate can be used to support gears etc for chain drives.

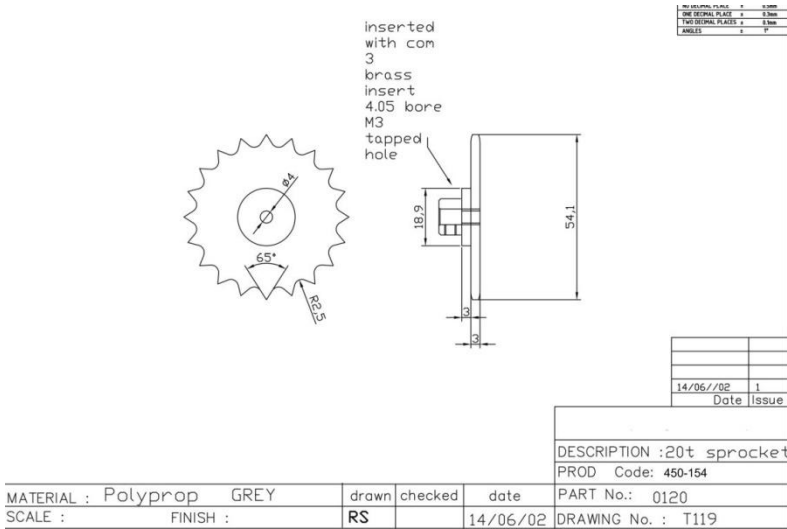
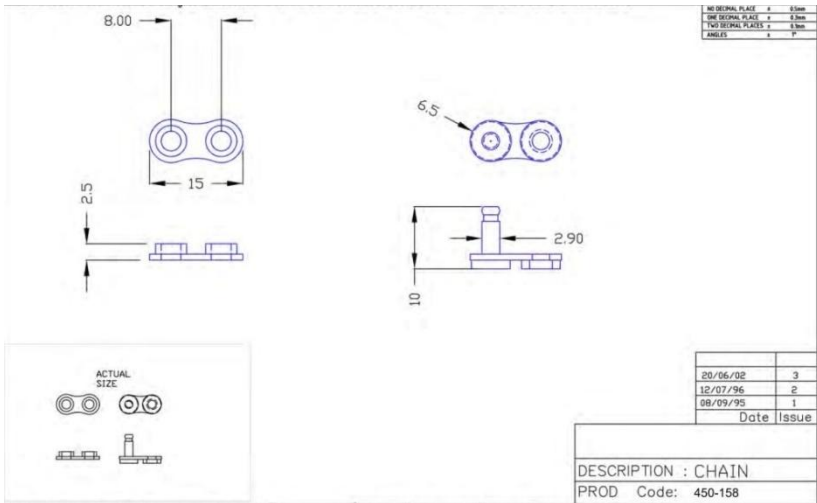


THE NEXT SHEETS GIVE A DRIVE MECHANISM THAT WAS USED FOR A BIGGER 1:50 SCALE MODEL NOT THIS 1:76 SCALE AND IS PROVIDED FOR REFERENCE ONLY

This size chain will not work on this model unless it is lifted slightly higher
You may be able to implement a smaller gear ie 10 tooth however this is up to you to work out.

Various drive mechanisms could be used such as magnetic or belt but below is an example of using gears.

My parts I used below where obtained from eBay, blue plastic chain and 4 gray plastic 20 tooth sprockets plus 2 gears which you will need to source yourself depending on your setup. There is also a 12v gear motor and a motor controller on ebay



I used a 12 volt 60 RPM version of the DC gear motor

ebay Shop by category

Q Search for anything

All Categories

Back to search results | Listed in category: Business, Office & Industrial > Industrial Automation & Motion Controls > Electric Motors > Gearmotors

3/6/12V GA12-N20 DC Gearmotor Micro Gear Motor Metal Gearbox

Condition: New

Voltage: 12V

Speed: 60RPM

Quantity: 1 5 available 295 sold / See Feedback

Buy it now

Add to basket

Watch this item

100% buyer satisfaction Click & Collect 54 watchers

Collect 4 Nectar points Redeem your points | Conditions

Collection: Click & Collect - Select store at checkout.

Postage: Economy Delivery | See details

Item location: London, United Kingdom

Post to: United Kingdom | See restrictions

Delivery: Estimated between

Payments: PayPal VISA Mastercard American Express

ebay Shop by category

Q Search for anything

All Categories

Back to search results | Listed in category: Business, Office & Industrial > Industrial Automation & Motion Controls > Other Automation Equipment

UP TO 5% OFF WITH MULTI-BUY

Free postage

30V 220UF 3V-35V

UK 3~35V 12V 24V PWM DC Motor Speed Controller Adjustable Switch LED Fan Dimmer

Condition: New

Volume pricing: 1-1 2+

Quantity: 1

Buy it now

Add to basket

Watch this item

Free postage 30-day returns More than 49% sold

Collect 2 Nectar points Redeem your points | Conditions

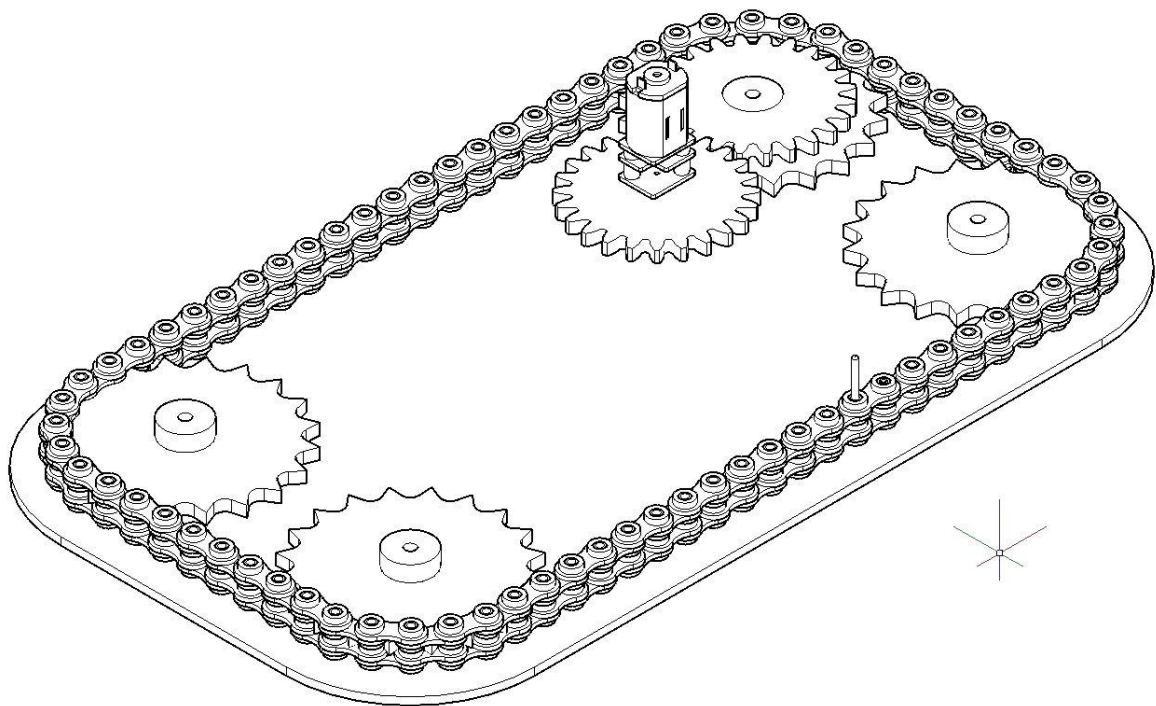
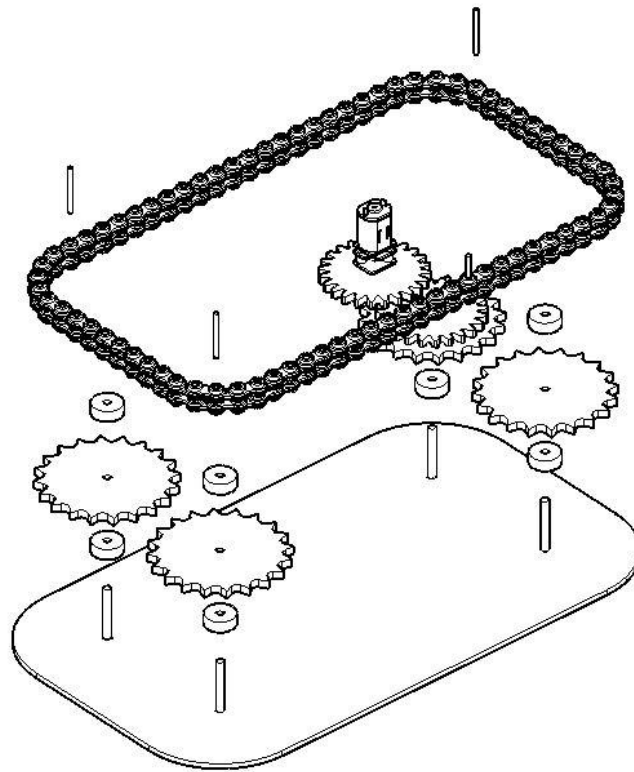
Postage: Economy Delivery | See details

Item location: London, United Kingdom

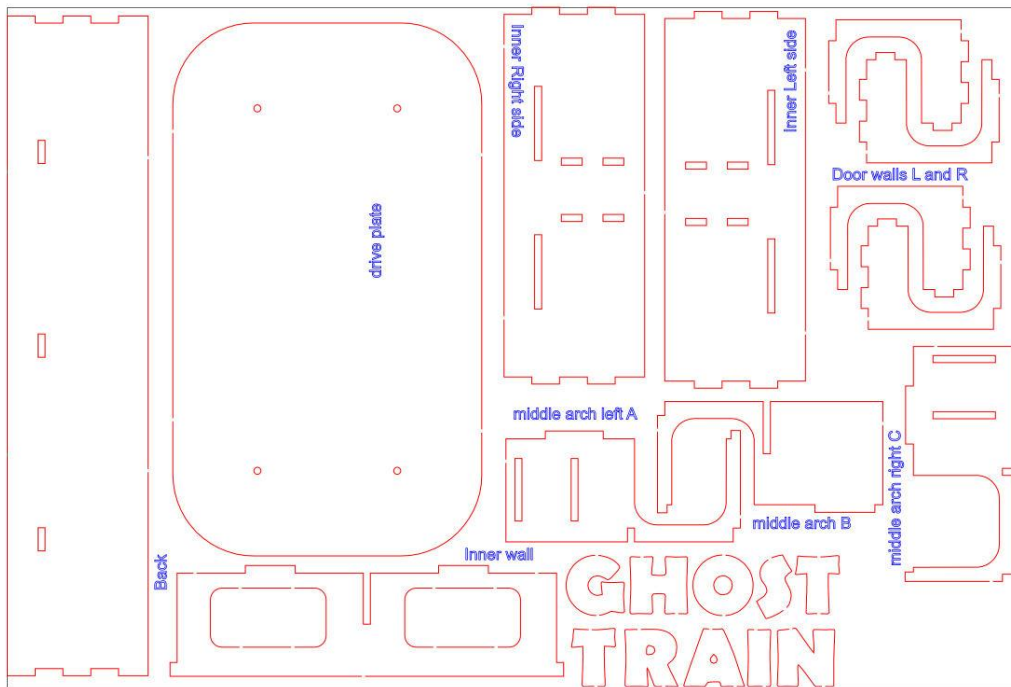
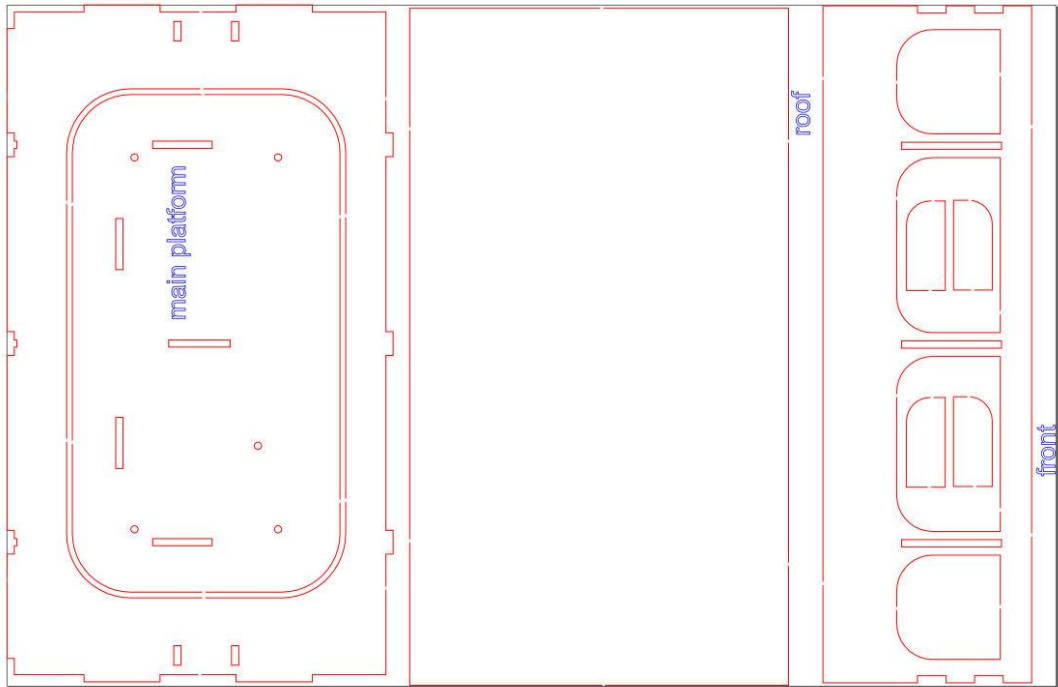
Post to: United Kingdom | See restrictions

Delivery: Estimated by

Payments: PayPal VISA Mastercard American Express



Reference sheets



Working with Laser cut MDF

If you are new to this type of kit then the following may be useful

The burnt smell is common on all MDF laser cut kits; you can wear gloves if you are concerned about getting charcoal marks on your hands from the edges or the burnt wood smell on your hands

You may wish to spray a primer/undercoat on the sheets before cutting out pieces or if you would rather undercoat the model once assembled.

Cut the holding tabs to free the pieces with a sharp utility knife, snap off blades are good.

File the remnant of the holding tabs with a sanding block or fine file

Make sure you undercoat the burnt edges; you may need more than one coat of primer/undercoat to seal the MDF

You can paint the parts before assembly but either way make sure the parts easily slot together, if not don't force them as small parts easily break – if they are a little tight then file the slot open more.

Once you are satisfied with the fit apply a wood glue or suitable glue and allow parts to set where needed before commencing the rest of the model.

You can use a small stiff bristle brush or old toothbrush to aid removing excess glue as you work, just have some water and a rag to keep cleaning your brush as you go.

Any gaps or places you need to hide the tab edges coming through slots just use ready mixed wood filler and sand/undercoat.

Some edges on corners etc can be made more attractive if rounded slightly with a sanding block or sanding sponge block before painting.