

Workshop Projects

Woodwork workshops and projects.

- [Make a Skateboard Deck Workshop](#)

Make a Skateboard Deck Workshop

The Skateboard Deck workshop run by specialist technician Gregor Garber gives you the opportunity to create your very own custom graphic skateboard. For more information and how to book please contact [Gregor Garber](#). Below you can see a step by step process for creating a skateboard deck.



Skateboard Deck Workshop

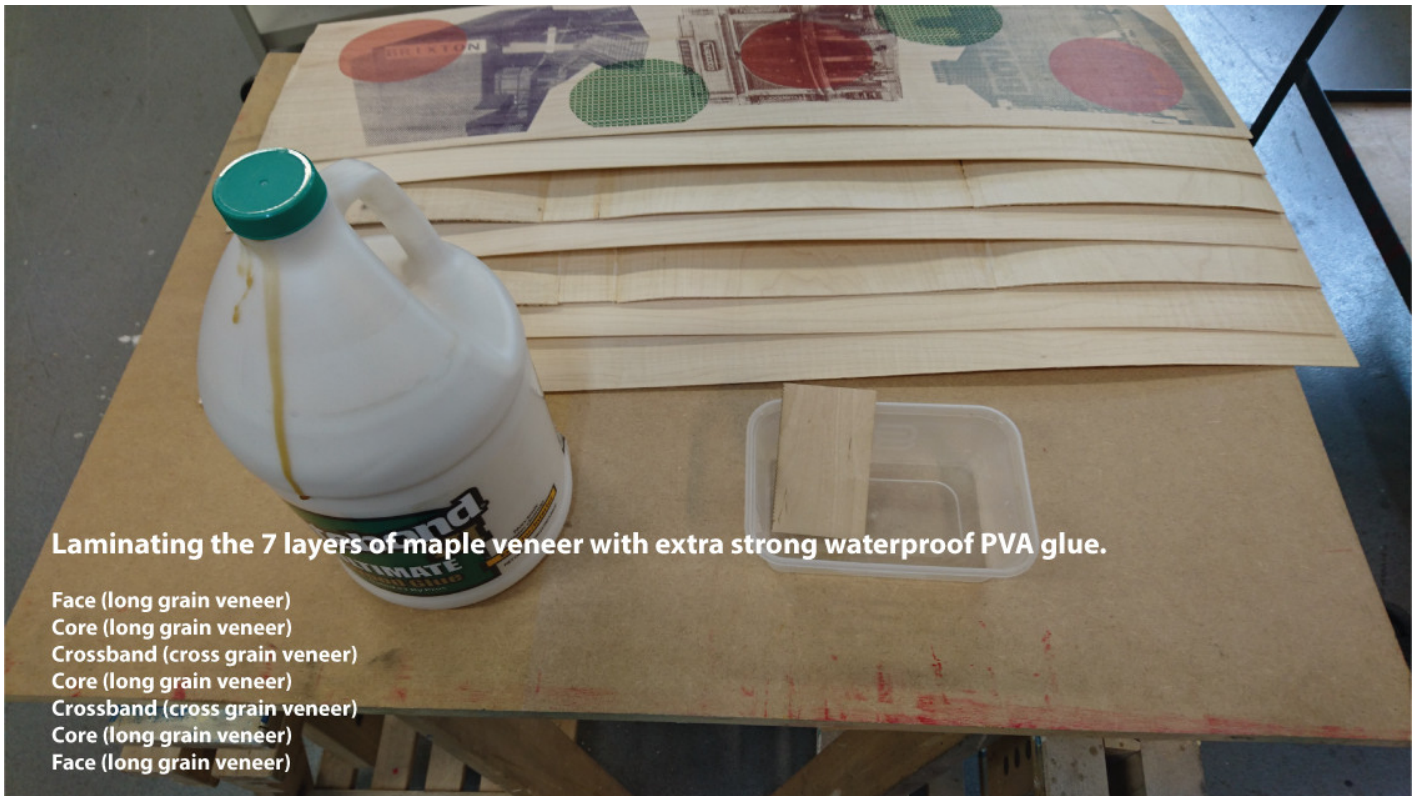
process

To start you will have 7 layers of 1.5mm thick maple veneer. Your chosen design should be printed on one of the face layers



Using extra strong PVA glue the 7 layers are laminated in the following order:

- Face (long grain veneer)
- Core (long grain veneer)
- Crossband (cross grain veneer)
- Core (long grain veneer)
- Crossband (cross grain veneer)
- Core (long grain veneer)
- Face (long grain veneer)



Laminating the 7 layers of maple veneer with extra strong waterproof PVA glue.

Face (long grain veneer)
Core (long grain veneer)
Crossband (cross grain veneer)
Core (long grain veneer)
Crossband (cross grain veneer)
Core (long grain veneer)
Face (long grain veneer)

Pour Glue on one side of the bottom layer and spread using a suitable spreader or roller



Pour some glue on one side of the bottom layer



Spread the glue with a suitable spreader or roller

Once spread, layer the veneers on top of one another repeating the gluing process each time



Once the glue is spread on one side, layer the veneers on top of each other

Place all layers of veneer between two plastic sheets to protect the design and the bag press from glue stains



Once all layers are together, put them between a layer of plastic sheet to protect your design and the bag press from glue stains.

Carefully insert the pile into the bag press and centre over the mould



Carefully insert the pile into the bag press.



Carefully centre the pile over the mould.

Place a piece of breather material between the deck and valve to avoid a vacuum trap around the valve

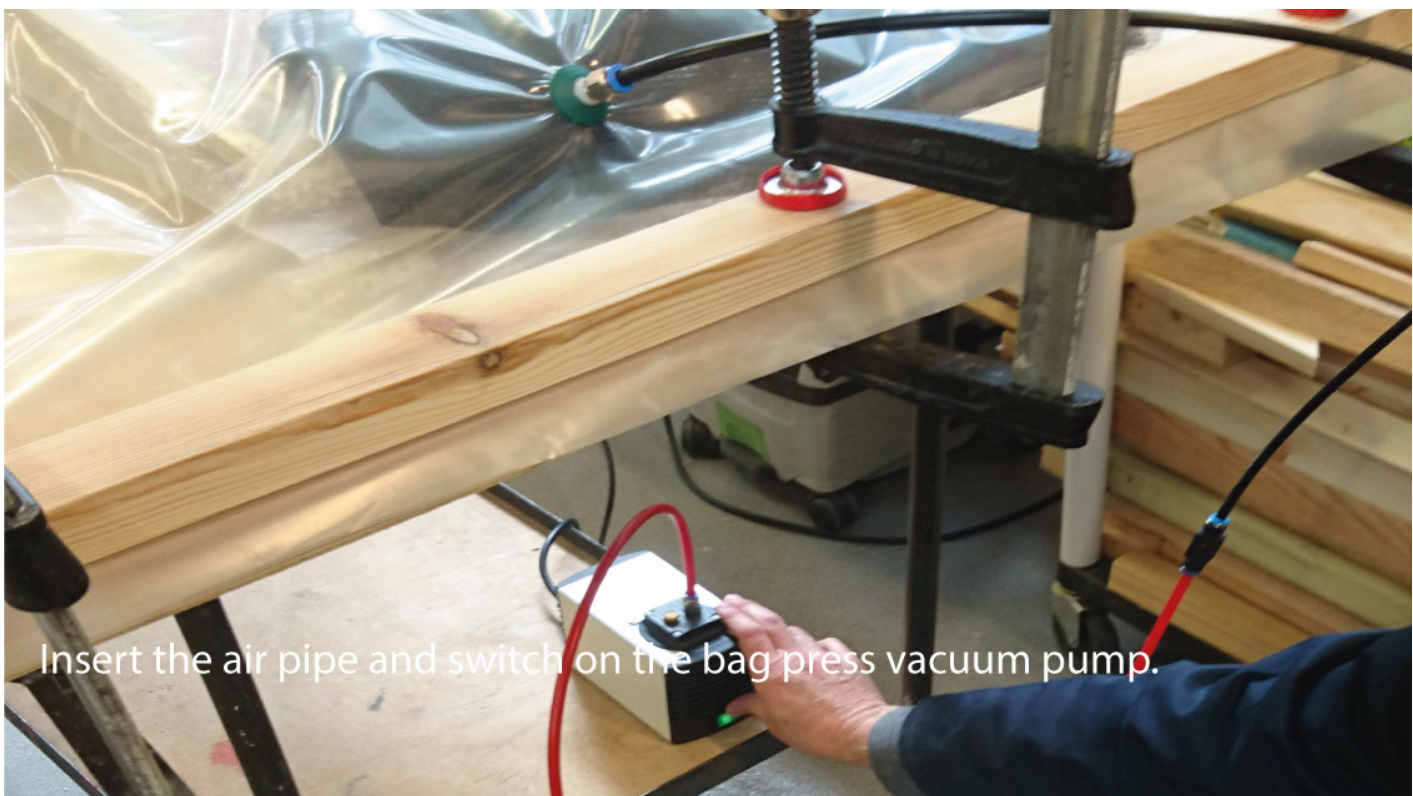


Put a breather material between the deck and the valve to avoid a vacuum trap around the valve .

Seal the bag by neatly placing the plastic ends between the wooden sealing batons and hold in place using clamps



Insert the pipe and switch on the bag press



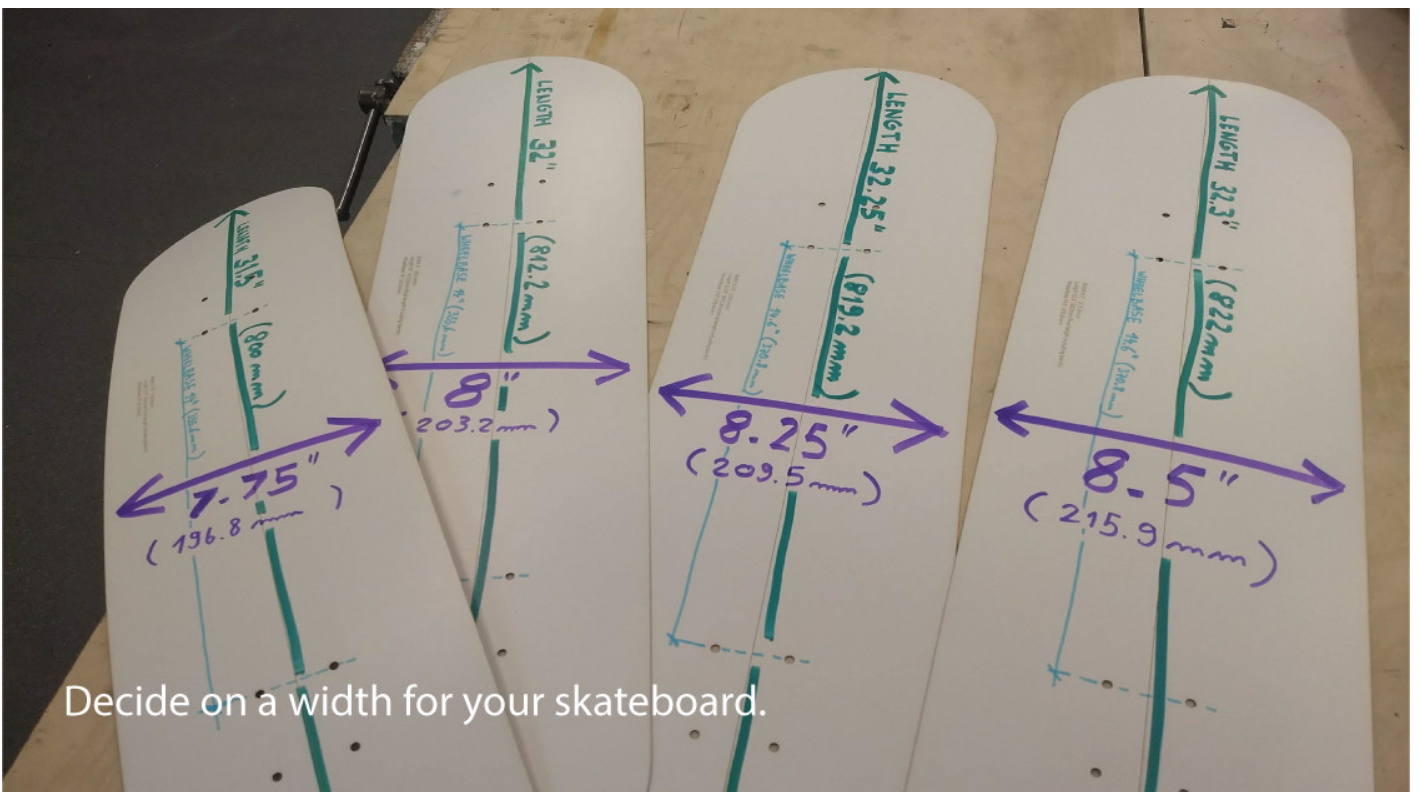
Once all air has been removed keep the pump running for a further 2 hours

<https://drive.google.com/file/d/1BYrS2ChbggJ032GSxQ41kRWWNCbHkPGb/preview>

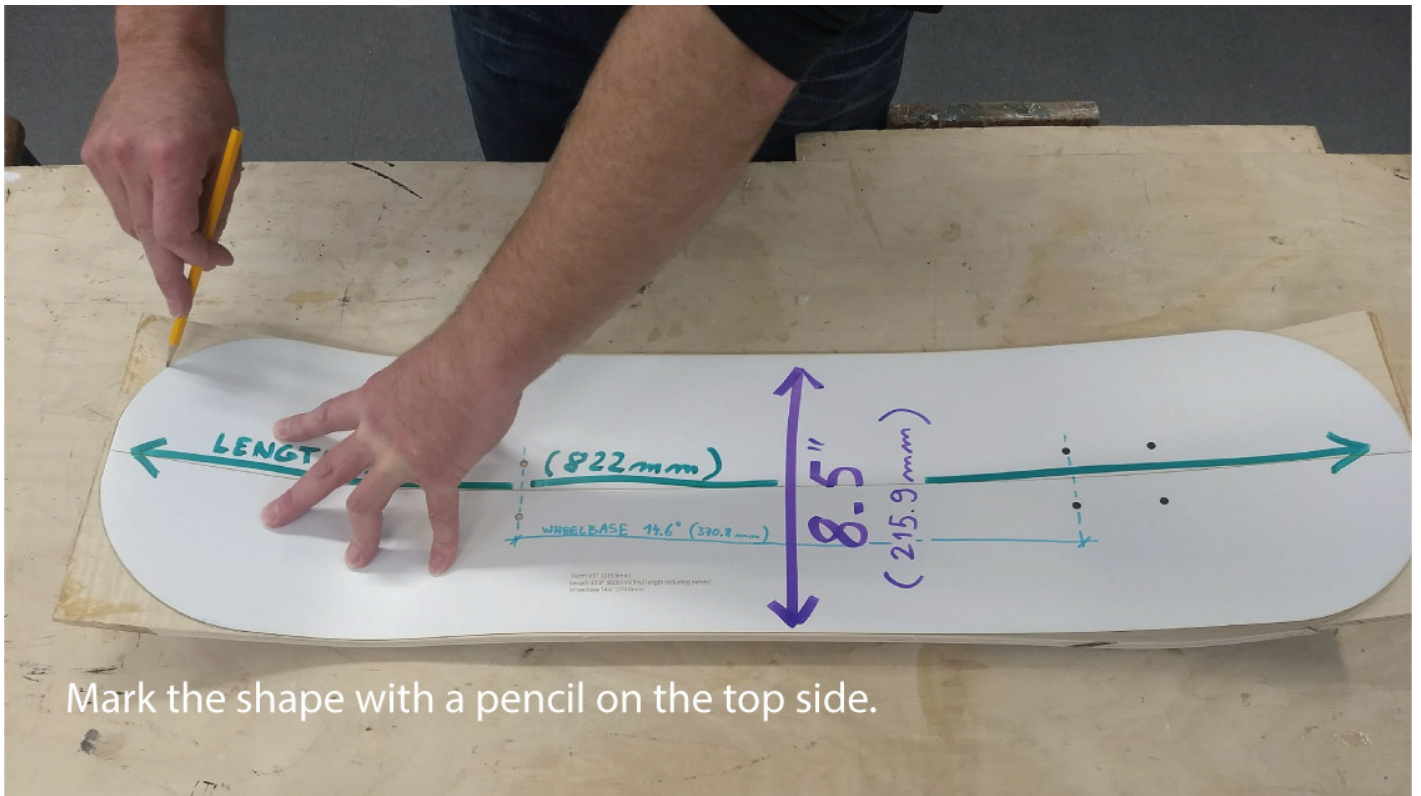
Once removed from the press you will be left with a deck ready for profiling and finishing



Next you will need to decide on a width for your skateboard by choosing one of the cutting templates



Mark out the shape of the template on the top side and using a bandsaw cut out the profile. Make sure to keep the section you are cutting flat on the bandsaw table



Mark the shape with a pencil on the top side.



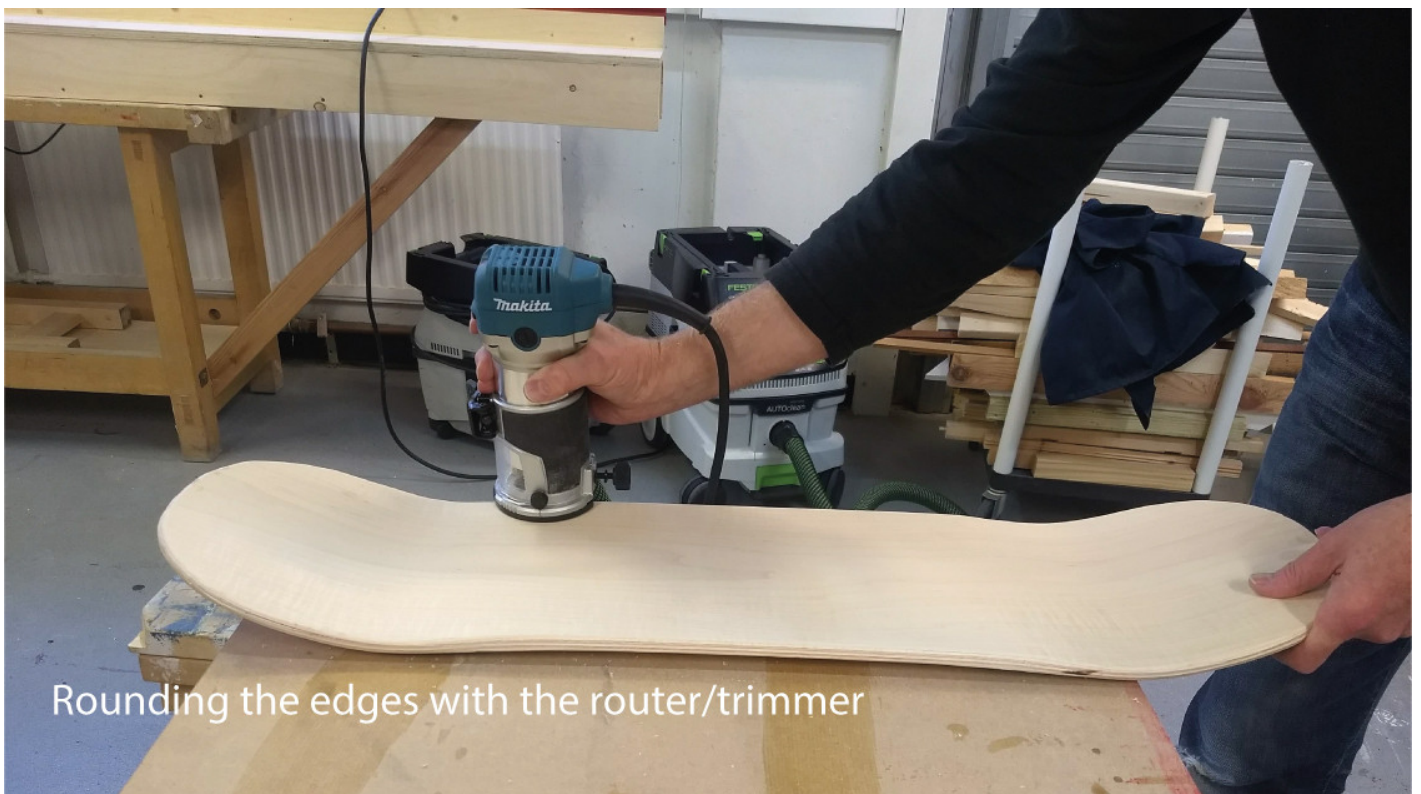
Cut out the shape on the bandsaw.
Take care to have the section you cut flat on the bandsaw table

Sand the edges round using the belt sander

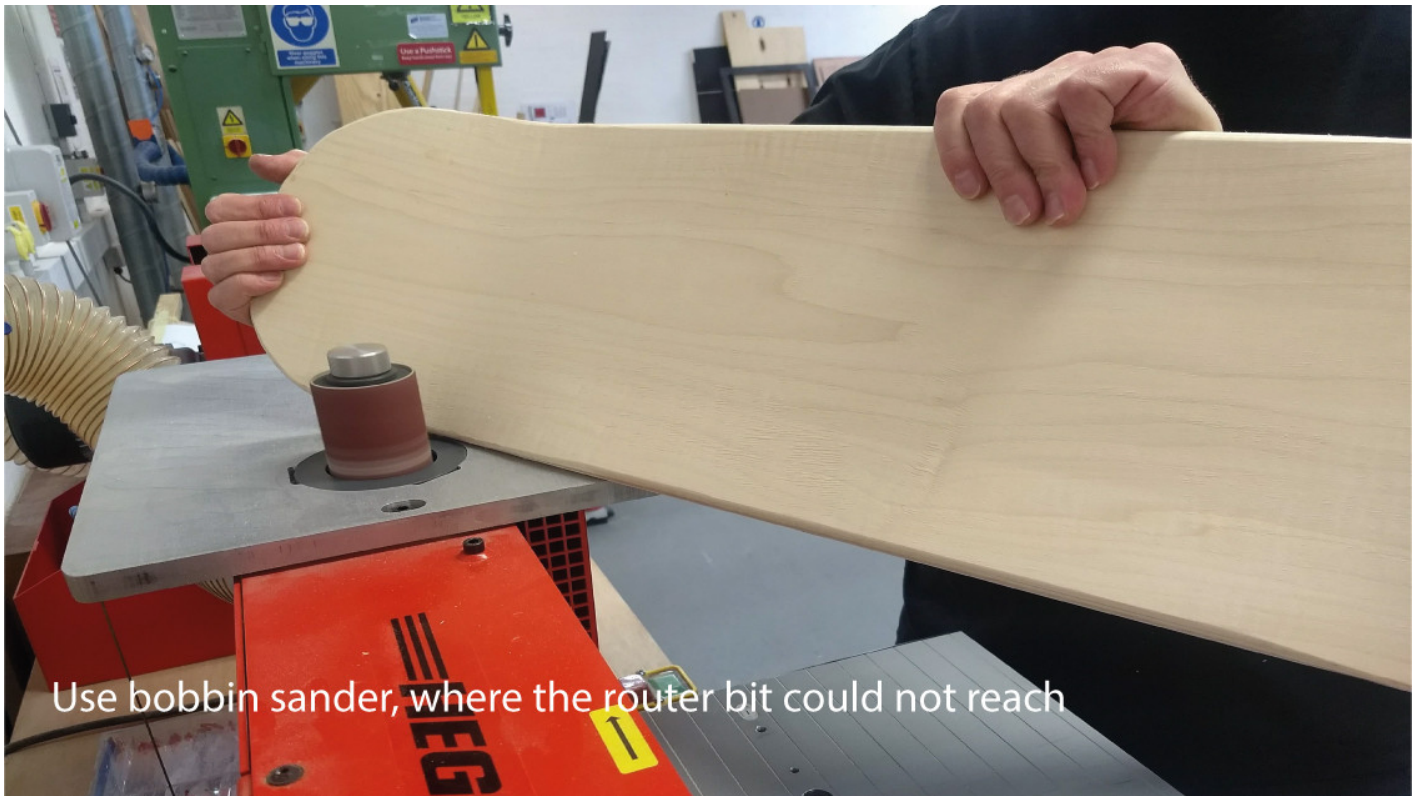


Sanding the edges

Round the edges using the hand router, and when needed use the bobbin sander for places the router cannot reach



Rounding the edges with the router/trimmer



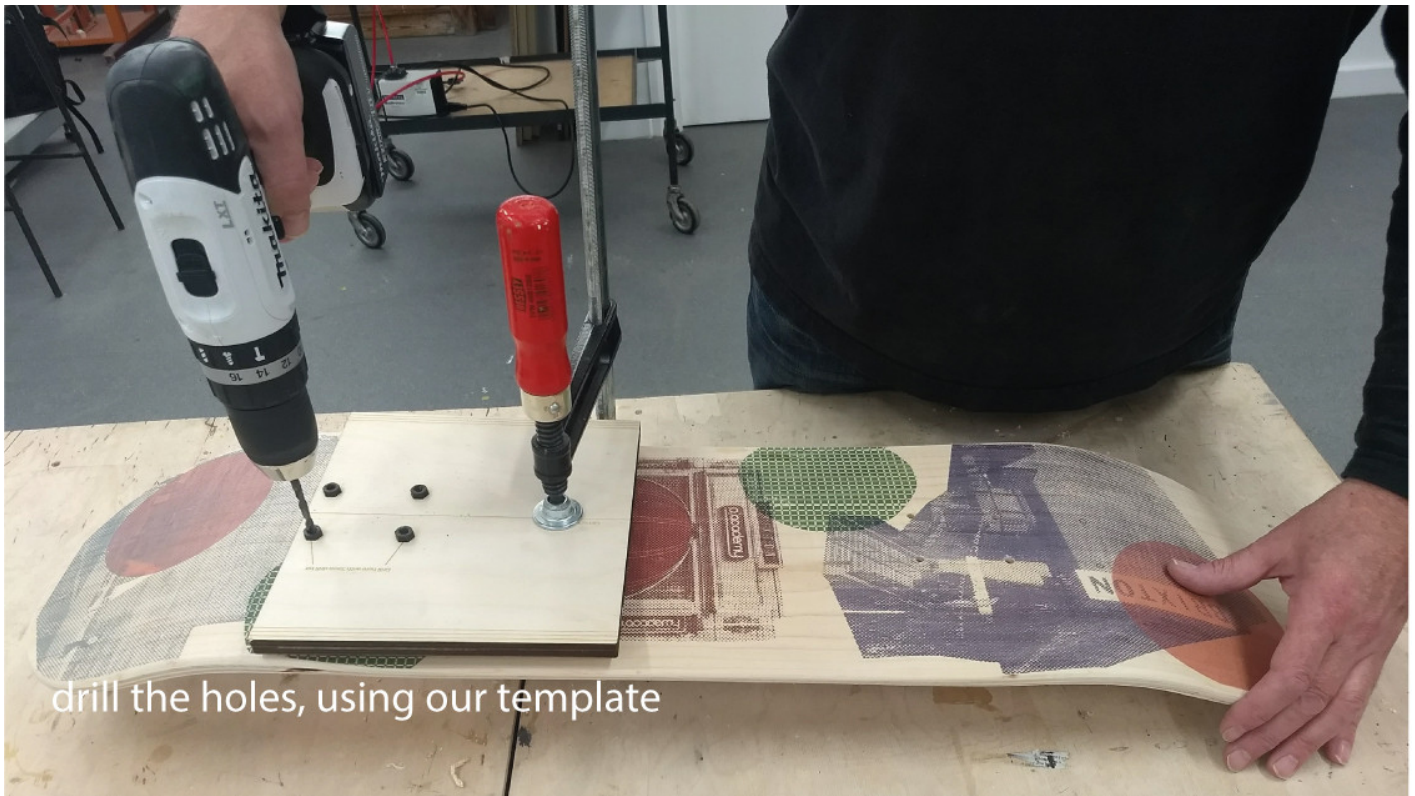
Use bobbin sander, where the router bit could not reach

Finish by hand sanding the deck ready for varnishing

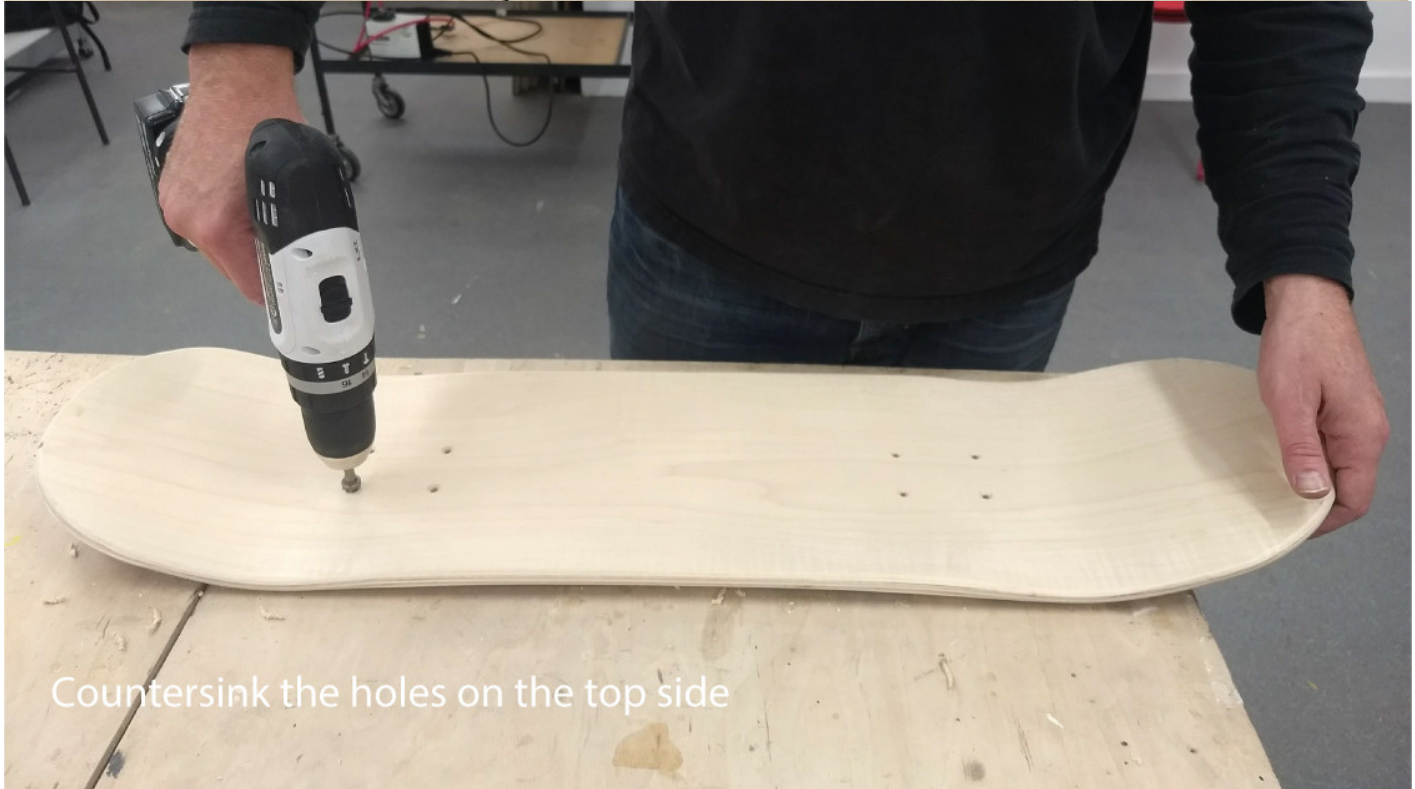


Finish by hand

Using our truck template place on the bank of the deck and drill holes through. On the top side countersink these holes for the screws to sit in



drill the holes, using our template



Countersink the holes on the top side

Apply a first coat of varnish to the whole deck. Use the deck holder to apply a coat to the underside



Apply the first coat of varnish



To be able to varnish both sides of the skateboard, I put 4 nails into an old piece of board, and lay the newly varnished board on top.

Once the first coat is dry use 320-400 grit sandpaper and give the whole deck a quick sand



After the 1st coat of varnish is dry, give the varnish a very quick sanding with fine sandpaper grit 320 to 400.

Apply a second coat of varnish



Apply the 2nd coat of varnish and let dry.

Thats it for now! Check back for updates on how to fix the grip tape and trucks



That's it for now. The next part will be how to fix the grip tape.
Watch this space for part 2