

My Cut-Screw project: DIY bench

Making a wooden bench is fun - It's not expensive and takes only 2 hours to build.

Project by Fritz Ferreira.

There are two types of people in South Africa. Those who wish they can sit on a wooden bench and those who take the initiative and build them one self. You can use this little wooden bench almost anywhere. Place your self made wooden bench alongside a water feature in your garden or use it to sit down in a quiet corner in your garden after a hectic day at work. The main construction of this little wooden bench is creating a box like structure where all the different parts can be fixed to.



This is an 2 hour project that cost around R280 that can be used inside or outside on your wooden deck.



2. Attach the front feet to the frame on either sides with Decking screws (4.5 x 60mm). **TIP:** use a hammer to knock in the decking screws a bit before driving them in with a power tool. This keeps the decking screw in place.



1. Begin by constructing the box. Use Cut-Screws (4.0 x 60mm) and make certain the box is square



3. Finish driving all the Decking screws in on the sides and on the front of the frame

Cutting List

This wooden bench is constructed out of pine. As to the sizes, that will depend on the size of your bench you are making.

We used:

Eureka products

Cut-Screws (1AG80 4.0 x 60mm)

Decking screws (TP082 4.5 x 60mm) and (TP083 5 x 75mm)

Magnetic bit holder (1AG10)
Square drive (1AI20 #2)

Wood

Seat slats

3 lengths of 38 x 114 x 900mm

Frame

2 lengths of 22 x 94 x 415mm
2 lengths of 22 x 94 x 900mm

Feet

2 lengths of 50 x 76 x 400mm
2 lengths of 50 x 76 x 795mm

Back rest

2 lengths of 50 x 76 x 900mm

Power tools

Electric hand drill (no clutch)

Tools

Hammer

Measure tape or ruler

Optional

Wood glue





4. Measure out the back feet so that the bench will stand flush on the ground.



5. Secure the back feet with a clamp to hold it in place.



6. Drive 2 decking screws through the frame into the back legs on either side.



7. Turn the bench over and start fixing the seat slats to the frame with Decking screws (4.5 x 60mm)



8. Measure out the back rest so that it sticks over the same length both sides of the bench.



9. Fix the back rest strats to the frame with Decking screws (5 x 75mm).

Treating your bench

Your bench can either be softwood or hardwood. This bench is built out of pine that is a softwood. Pine is porous and therefore will absorb moisture. If maintained regularly it will last a lifetime. The amount of maintenance required will depend on whether you choose a hardwood or softwood. A good option is to seal your bench with Woodoc Sealer for porous softwoods or if you used a hardwood like saligna use Woodoc Dressing for dense hardwoods. It is very important that each coat dry hard before applying the next coat. Sand lightly with fine sandpaper or steel wool between coats