

building your own pool-dining table

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- low budget ■
- easy ■
- adaptable ■



Aristidis Tonikidis

easy to read, easy to build

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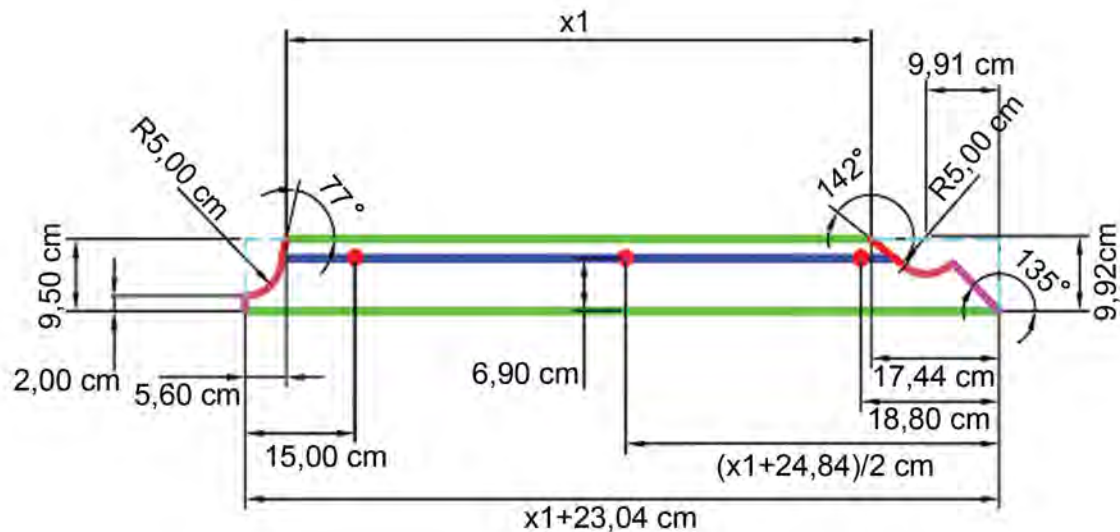
Finally, use your head. Nothing in this Guide is intended to replace common sense, legal, medical or other professional advice, and is meant to inform and entertain the reader. So have fun with the “Building your own pool – dining table”, and get your stuff done.

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Design 4 – Large side sub rail 1

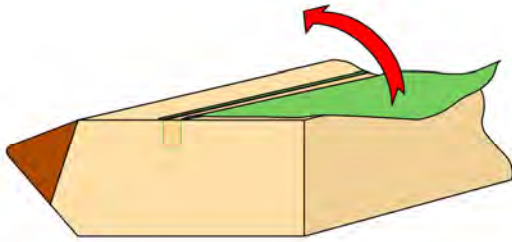


Design 5 – Large side sub rail 2

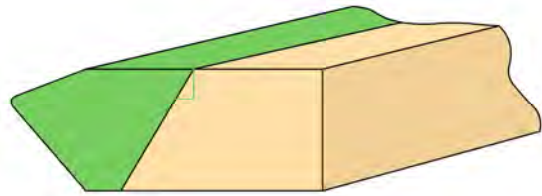
We begin with the cutting of the beams at the length we calculate according to the aforementioned way. Once we have cut the beams at the right length, the next step is to make the holes where we will place the wad with the help of which we will clinch the rails to the surface. The hole should be as deep as the length of the wad we have. The wad that I found was 15 mm long and the hole I had to drill in the wood so that I can screw had a 10mm diameter. As we also see in the design the distance of the holes from the beam's side is 6,9 cm. However, these holes should be at points correspondent to the surface's holes. The places of the points we have to drill are shown in designs 3, 4 and 5.

The next step is to cut the beams according to the data given in designs 3, 4 and 5 using the jigsaw. Draw the lines from which the jigsaw will cross using the dividers, the right triangle, the goniometer and the pencil. Cut with the jigsaw after you have confirmed that everything is marked according to the designs.

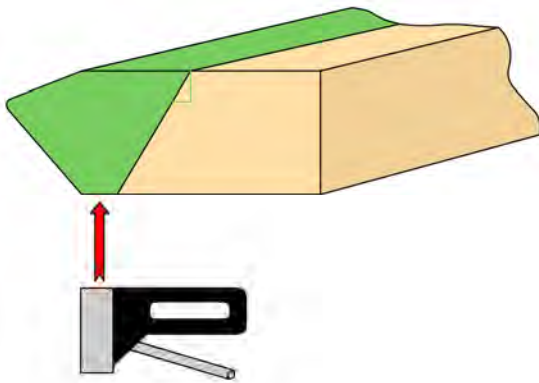
After completing the previous stage, we're ready to shape each beam so that it takes the necessary form for a pool table. In design 6 you see the cut of the beam we have to make. To cut, we're going to need the circular saw. First, we'll cut the wood according to the design so that the angles are made. Then we create the gap shown. That's easy to be done with two crossings of the circular



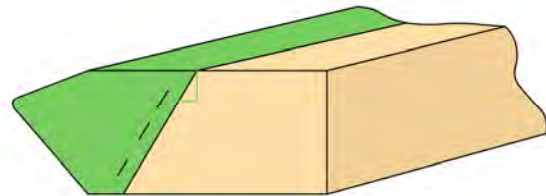
Picture 5



Picture 6



Picture 7



Picture 8

2.4 Pockets

In this unit we'll see how to make the pockets. We'll make the pocket, but the placement (the way is described further down), will be made according to step 5 of the next chapter.

The ball pockets are six. Four at the corners and two at the sides. The pockets of the tables on market are either plastic or leather and require special preparation during making the pool table so that they can be applied. On the contrary, we can place the pockets even when the table is ready.

The material that we're going to use is the rope plaited like a net. We'll find this material ready in soft goods' stores (or we can ask where to find it at these stores). In fact, the material selection depends on our personal aesthetics, since the only crucial factor is the material's endurance.

For each hole we need a piece of the material we selected with dimensions 30cm X 35cm as well as a piece of leather with dimensions 40cm X 2cm (Picture 9). We take this piece and join the two 30 cm sides to form a cylinder (Picture 10). We can join them carefully tying the excessive rope ends. We place one end of the "cylinder" perimetric to the hole's interior and we apply the leather stripe over the net perimetric as well. We sprig with cobbler nails in such a way that both the leather holds the net in its place and we don't spoil the wood (Picture 11). Lastly, we tie one end of the cylinder with cord so that it takes the shape of a purse (Picture 12).