

Sanding Disc Guard

I have a combination belt/disc sander, and more than once I've nearly caught my sleeve in the rotating disc while trying to sand something on the belt. To prevent this from ever happening, I came up with an idea for a slip-on guard to cover the disc while I'm using the belt.

First I cut an arch shape that goes around the perimeter of the disc from a section of 2x6 (You'll have to size this piece to fit your sander.) Then I attached a couple of small cleats to each end of the arch. One cleat rests on the disc sander platform to position the guard at the right height. The other extends down the side of the platform to keep the guard in place.



Next, I made a cover to hide the disc. I placed the completed arch assembly on a piece of hardboard and traced the profile down to the platform cleats. Then I cut out the cover on a band saw and glued it to the framework. Finally, I sanded the edges of the cover flush with the frame.

Now whenever I use the belt system on my sander, I simply drop the disc guard in place. When using the disc sander, I hang the guard on a nearby wall.

