



QUICK FACTS

Level: Beginner/Intermediate
- some basic knowledge of general bowl cutting techniques is preferable.

Time: Around 2 - 3 hours

YOU'LL NEED

1. Chisels Required:
Bowl Gouge
Parting tool
Skew Gouge

2. Wood:
Hardwoods
1 x 300x60mm,
1 x 40x40x850mm,
1 x 250x40mm

Hardwood is best so the umbrella doesn't dent the wood so easy

3. Equipment needed:

SuperNova2 chuck

Nova Swing away accessory and NOVA bed extension

SAFETY

Always read & understand the instruction manual for any product or equipment before using.

Always use safe practices & appropriate safety equipment.

Only use genuine Teknatool/NOVA parts and products.

As we head into Winter this project will keep your entranceway tidy and is a great way to show off your skills to visitors!

No more messy umbrellas piled around or water left on the floor from your wet umbrella.

This project can be made in 2 to 3 hours.

This project was kindly supplied by Mr Luke Crossen.



Step 1. Mount a the piece of 300x60mm piece of wood on a faceplate and rough it out.



Have the bed extension swung out the way so the tailstock is out the way.

Step 2. Turn down to your final shape. When you do the ring for the piece to sit on make sure the rest of the piece is clear and that it's diameter is large enough for it to be stable. Turn a spigot and round the edge of the piece. Sand and finish as much as you can.





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Step 3. Turn the piece around and mount it in a chuck. Turn out the inside leaving wood in the middle for the drill hole.



Step 4. Drill the hole for the spigot of the post. 25mm forsnor bit was used here. Be care full to get enough depth for strength while staying clear of the bottom. My hole went about 45mm deep.



Step 5. Sand and finish.



Step 6. Swing in the lathe bed and mount your piece of 40x40x850mm wood between centers then rough it out.



Step 7. Finish shaping your piece and turn spigots on each end with a parting tool and calipers to match your drill bit hole. Try to get a snug fit. If you need a steady this can be put on by swinging the bed so you don't need to remove the tailstock.



Sand and finish your post.



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Step 8. Use hot melt glue to glue a waste block to your piece of 250x40 wood.



Step 9. Mount the waste block in a chuck and rough out your shape.



Step 10. Turn to your final shape: round the outside edges and leave some wood in the middle for the drill hole for your spigot on the post (also 25mm in this case). Sand and finish.



Step 11. Mount a waste block and turn it into a jam chuck to the size of your drill bit (25mm)



Step 12. Mount your the piece you were just working on by turning it around and using the jam chuck you just made to trap the piece between centers. Turn the piece flat and sand it.

Step 13. Mark out where the holes are going to go by measuring the diameter of the support wood on the other side and transferring it to the flat side with pencil. Next mark the size of the drill bit or hole cutter (60mm) in the middle of the line just marked and the outside edge of the piece. Finally mark the piece into quarters with your indexing system or a square.





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Step 14. Drill the holes for the umbrella to fit through. Remember to drill from both sides to minimize any tearout. Sand and round the edges of the holes with a thick dowel and sandpaper. Sand any pencil lines and where the tailstock was and finish.



Step 15. Use the same jam chuck and tailstock to remount the bottom piece of the stand to turn off the spigot. Sand off the last bit of wood and any un-sanded wood and finish.



Step 16. Glue it all together and use your lathe as a clamp.



Congratulations! You now have a stand for your umbrellas.



The NOVA Swing Away Accessory allows you swing the NOVA lathe bed away and back easily, moving your tailstock out of the way and enabling even greater access to your steady rest or toolslides than before.

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