



DIY: Make Your Own Porta Timber Pot Stands

with Porta timber dowels & dressed all round



With basic DIY skills, you can make your own gorgeous Porta timber pot stands in a weekend!

These pot stands are designed with clean lines, allowing the warmth and beauty of natural timber to shine through.

Style them with the pots and plants of your choice. These stunning pot stands will add a chic and natural ambience to your home.

The larger stand is made with Porta Dressed All Round (DAR) legs and is designed to fit 25cm pots. The smaller stand is made with Porta Dowel legs and is designed to fit 17cm pots - both are made from Tasmanian Oak.

Porta Tasmanian Oak is a strong and stable hardwood that glues, sands and finishes well. It's light colour and beautiful grain complements the simplistic design of the pot stands. The stands can be painted, stained or left natural to suit your personal style and interior design.

The dimensions of the pot stands can be easily adapted to suit your requirements. Change the height of the legs to make the pot stands shorter or taller, or change the width of the base to suit your pots.

The Porta timber products featured in this project are available from all major timber and hardware stores.

What you'll need:



Materials

To make 2 x 500mm high pot stands (to fit 25cm pots) and 1 x 400mm high pot stand (to fit a 17cm pot):

- 22mm Porta Round Dowel Tas Oak x 1.8m QTY 1 (DOW22TOSL)
- 40 x 18mm DAR Tas Oak 1.8m QTY 1 (DAR4018TOSL)
- 30 x 18mm DAR Tas Oak 1.2m QTY 4 (DAR3018TOSL)

- 8mm Furniture Dowel Tas Oak QTY 12 (DMG08TOSL)

- 3 x pot plants & 3 x pots - we used 2 x 25cm pots and 1 x 17cm pot

The timber for this project costs around \$79.

Tools

- Drill press & 22mm Forstner bit or drill & 22mm drill bit
- Drill & 8.5mm drill bit
- Drop saw or hand saw
- Quick Set Wood Glue
- Matt Sealer & paint brush
- Sanding block & sandpaper
- Tape measure & pencil
- Clamps, chisel & rubber mallet

How to make a pot stand with dowel legs (for a 17cm pot):



Step 1

Cut the 40 x 18mm DAR into 2 x 225mm lengths. These will form the base of the pot stands.

Porta Tip

To get the right width for your pot, add 40mm onto the pot diameter (allowing a 20mm gap for each side of the pot).

A handsaw can be used instead of a drop saw.



Step 2

Measure the middle point on each length of 40 x 18mm DAR and cut an 18mm notch out of the centre of each piece to a depth of 20mm. These will form the cross piece or base that holds the weight of the pot and that the legs dowel join to.

Porta Tip

Use a drop saw or handsaw to check out the area and clean up with a chisel. Ensure that the check out is flat.



Step 3

Using a drill press and Forstner bit, drill a hole at the very end of piece of 40 x 18mm DAR. This will create a rounded space to hold the dowel legs.

Porta Tip

If you don't have a drill press, clamp the timber onto a solid surface and use a drill and 22mm drill bit to create the rounded area on the edge of the timber.



Step 4

- Drill an 8.5mm hole through the centre end of each end of the base. This is where the dowel legs will join onto the base (dowel join)
- Cut the 22mm dowel into 4 x 400mm lengths (or your preferred height of the pot stand).

Porta Tip

Make a jig to hold the base timber so that each drill hole is even and consistent.



Step 5

Drill an 8.5mm hole in each of the dowel legs, allowing for the height of the pot to the centre of the base.

Porta Tip

We allowed 180mm - 160mm for the height of the pot and 20mm for the centre point on the base.



Step 6

Glue and clamp the base together until dry.

Porta Tip

The base should have a snug fit when checking out.

Wipe off any excess glue before it dries.



Step 7

Glue and attach the furniture dowels into each of the dowel legs. Put some glue into each of the holes on the base and attach the legs to the base.

Porta Tip

Use a mallet to gently move the furniture dowel into position, if required, being careful not to split the timber.



Step 8

When the glue is dry, give the pot stand a light sand and finish with a timber sealer.

Porta Tip

Sand with the grain of the timber.



Step 9

Start using your pot stand and share your images with us! #knowandlovetimber

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 sales@porta.com.au



How to make a pot stand with dressed all round (DAR) legs (for a 25cm pot):



Step 1

Cut the 40 x 18mm DAR into 2 x 290mm lengths.

Porta Tip

To get the right width for your pot, add 40mm onto the pot diameter (allowing a 20mm gap for each side of the pot).

A handsaw can be used instead of a drop saw.



Step 2

Measure the middle point on each length of 40 x 18mm DAR and cut an 18mm notch out of the centre of each piece to a depth of 20mm. These will form the cross piece or base that holds the weight of the pot and that the legs dowel join to.

Porta Tip

Use a drop saw or handsaw to check out the area and clean up with a chisel. Ensure that the check out is flat.



Step 3

- Drill an 8.5mm hole through the centre end of each end of the base. This is where the dowel legs will join onto the base (dowel join)
- Cut the 30 x 18mm DAR into 4 x 500mm lengths (or your preferred height of the pot stand).

Porta Tip

Make a jig to hold the base timber so that each drill hole is even and consistent.



Step 4

Drill a 8.5mm hole in each of the dowel legs, allowing for the height of the pot to the centre of the base.

Porta Tip

We allowed 180mm - 160mm for the height of the pot and 20mm for the centre point on the base).



Step 5

Glue and clamp the base together until dry.

Porta Tip

The base should have a snug fit when checking out. Wipe off any excess glue before it dries.



Step 6

Glue and attach the furniture dowels into each of the DAR legs. Put some glue into each of the holes on the base and attach the legs to the base.

Porta Tip

Use a mallet to gently move the furniture dowel into position, if required, being careful not to split the timber.



Step 7

When the glue is dry, give the pot stand a light sand and finish with a timber sealer.

Porta Tip

Sand with the grain of the timber.



Step 8

Start using your pot stand and share your images with us! #knowandlovetimber

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