

[Click Here](#)





Using simple tools and materials, anyone can create a functional planter system for their patio. The goal is to protect the planters from strong winds while allowing each one to receive sufficient sunlight. To begin, gather necessary materials: wood planks (such as treated wood or old pallets), a drill, decking screws, a screwdriver, a measuring tape, and a pencil. One 150mmx20mm plank and some 50mmx20mm battens were used in this project. A right angle triangle design was employed to simplify calculations. The planters are 200mm tall and approximately the same depth at the top and bottom, with room for four planters. The ladder required a height of at least 800mm to accommodate all planters, so it needed to be 600mm deep. The longest side of the planks should be at least 1000mm. The plank was cut slightly longer than necessary to provide space at the top. To calculate the angle, use a 3-4-5 triangle to mark the shape on the plank and saw through it to create two equal lengths. Mark the positions for the shelves, leaving 250mm between each one along the edge, plus some extra for spacing and shelf room. Mark the lines for drilling screw holes and sawing the top of the planks to fit against the wall at a right angle to the shelves. Perform these operations on one plank, then lay it on top of another with the bottoms aligned and drill through both to create uniform shelf holes. Use a slightly larger drill bit than the screws. Cut the battens to the correct length, leaving some extra room for matching cuts. Drill pilot holes in the shelves that match the ones drilled into the planks. Using a smaller drill bit, this will ensure the screws bite into the wood when installed. I repurposed materials from the local DIY store and some old pallets to create this project. The design is based on a 3-4-5 right angle triangle, making it easy to calculate. I needed four planters, so I cut the planks to ensure they were at least 1000mm long. To mark the cutting angle, I used the 3-4-5 triangle and sawed the plank in half. I added marks for the shelves, allowing room for the shelves themselves. Then, I marked where to drill screw holes and where to cut the top of the planks for the planters' edges. I repeated this process on another plank, laid them together, drilled through both, and sawed off the top. Next, I cut the battens to the correct length, using one as a template for the others. I drilled pilot holes in the shelves, then screwed them into place. After adding some supports using leftover wood, my planters were finally ready. 1 - Looking at a Blanket Ladder is essentially the same thing, just attach a hinge at top and some cross boards. 2 - A DIY project that can change your plant stand size - Add another shelf if you want more space for plants or flowers. 3 - A step-by-step guide to building a blanket ladder - The author's ladder is 60 inches tall and has three shelves. To build it, you'll need: 1 - 1 piece of 9x8 inch wood 2 - 4 pieces of 2x2 inch wood cut at various lengths (11 inches and 60 inches) 3 - Hinges 4 - Sandpaper 5 - Tape measure 6 - Pencil 7 - Square 8 - Drill 9 - Screwdriver 10 - Mitre saw 11 - Stain (Miniwax Jacobean) 12 - Varnish (Clear Coat) 13 - Rag and paintbrush 14 - Rubber gloves Cut the 2x2 boards into required pieces: - 4 pieces, each 60 inches long - 8 pieces, each 11 inches long Then cut the 9x8 inch wood piece into three different lengths: - Top: 15.5 inches - Middle: 25 inches - Bottom: 32 inches Sand any rough areas and apply stain if desired. If you want a distressed look, use a hammer to roughen up the boards. Assemble the ladder pieces and pre-drill screw holes. Attach rungs to sides using 2.5 inch screws. Next, attach crossboards at the top of the ladder. Once complete, assemble head-to-head on a flat surface and attach hinges to hold it together. Finally, stain the wood with Miniwax Jacobean and apply clear coat for protection. Allow everything to dry before bringing your new blanket ladder inside and adding plants. Having all the plants in one place will make it simpler to remember which ones need watering. This project is easy to set up and budget-friendly. Be cautious if you have a toddler at home, as they might get into mischief around a ladder. To ensure stability, consider attaching an L-shaped bracket under each shelf.

Diy plant ladder. How to make ladder at home. Plant ladder ideas. Diy plant ladder stand. How to make a ladder shelf for plants. How to make ladder plant stand.