

TV game hideaway

Build a nifty TV, video and games storage unit

The TV and video-games console are the main entertainment centres in most homes but they can look messy. This neat cabinet hides away all the bits and pieces. They stay plugged in, ready to use any time, and you can even play games with the drawer shut.

Here's how

Step 1 Pair up sides, top and shelves. Partly drive 40mm nails into one edge, 150mm apart and nip off heads. Apply glue to both edges, align sides and clamp tightly. Let dry overnight.

Step 2 Round top front edges of sides (A). Measure down 90 and 310mm to tops of shelf housings. Clamp straight edge to panels to use a router with a 19mm straight bit to cut 5mm-deep housings to 20mm from front edge. Make sides as mirror images. Rout 19mm x 5mm-deep rebate on back of board down to top housing.

Step 3 Cut cleats (B). Screw to bottom of sides, centred between front and back. From bottom of sides, measure up 110 and 280mm and rule across. Attach cabinet member of runners so top edge is flush with line, back is flush with side backs.

Step 4 Cut a 5 x 30mm notch at front corners of top and shelf (C). Stand one side on edge, apply glue to edge of top and slide into housing. Screw in from sides.

Step 5 Cut out design of decorative back (D) with jigsaw. Screw between sides in rebate cut at back of sides. Screw two bottom rails (E) between sides at base. Measure 300mm from each side of backing panel (F), then measure up 45 and 220mm from bottom. Mark out rectangle and cut out with jigsaw. Nail



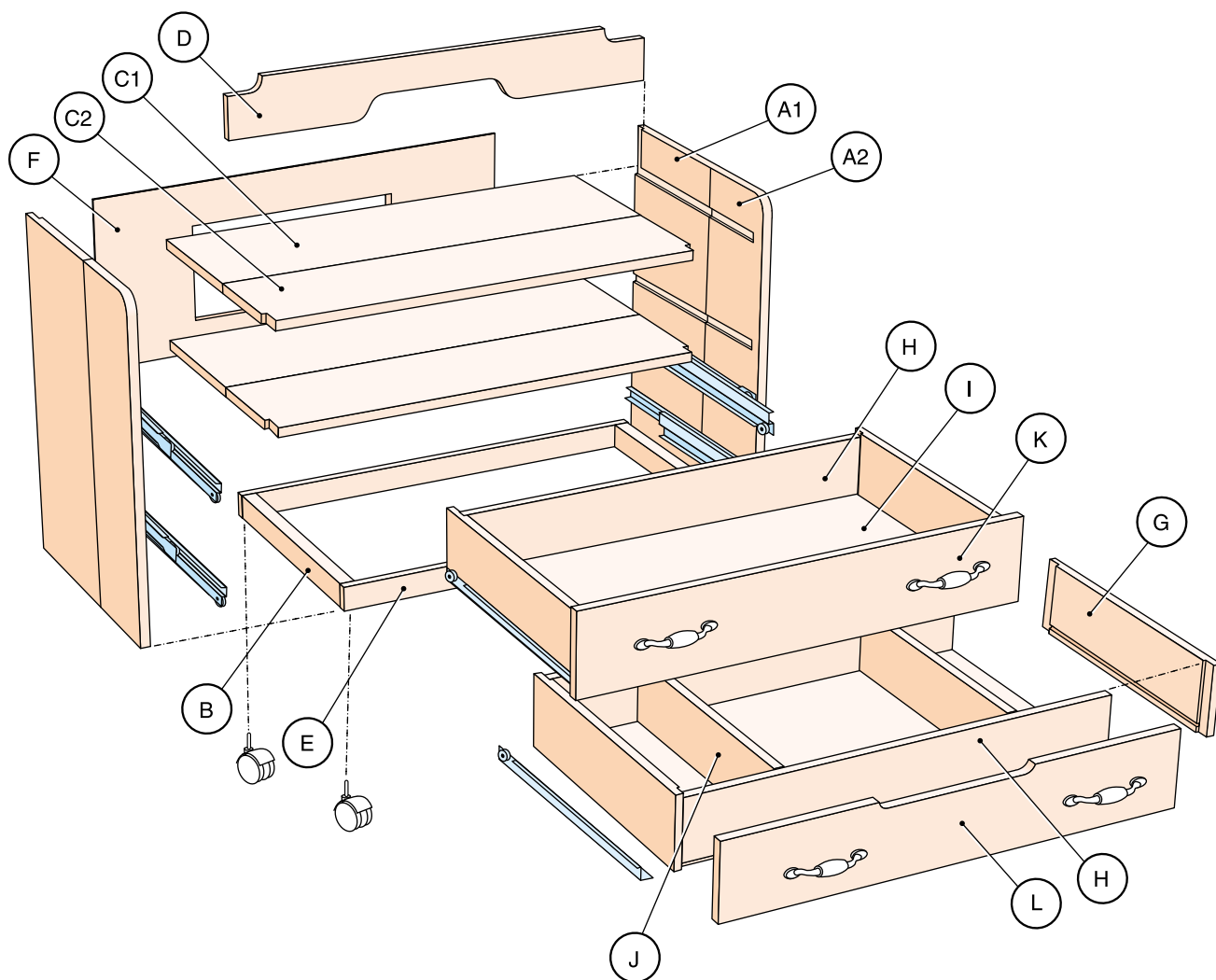
to back of cabinet with bottom of cut-out flush with top of back rail.

Step 6 Prepare drawers by routing a 5mm x 19mm wide rebate at the ends of sides (G). Using a 6mm straight bit and a routing fence, run a 5mm-deep groove finishing 10mm from the bottom edge. Glue and screw sides to front and back (H) so bases align with top of groove. Width of drawer should allow 12.5-13mm either side for drawer runners. Slide in drawer bottom (I) and screw to front and back. Inside the bottom drawer, mark 165mm from ends and screw in place two dividers (J). Add drawer member of runners.

Step 7 Plane drawer fronts (K, L) to height. On top edge of bottom one, mark 300 x 10mm deep rebate, round ends and cut out with jigsaw. Clamp to front of drawer, then screw on from back. For top drawer, partly drive in screws so points show through front. Press drawer face against points to mark position, partly predrill holes and screw on. Plane faces as necessary.

Step 8 Plug screw holes, smooth. Apply two coats of polyurethane. Add drawer handles and drill holes on underside of cleats for sockets and castors.

See Buying Guide

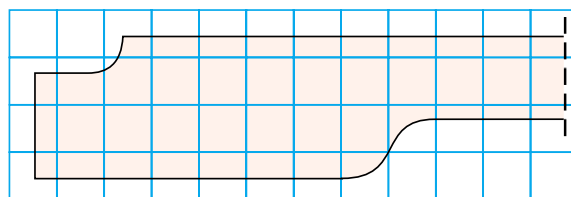


What you will need

Item	Part	Size	Material
A1	Sides (2)	285 x 19 x 700mm	Tasmanian oak
A2	Sides (2)	235 x 19 x 700mm	Tasmanian oak
B	Cleats (2)	50 x 30 x 482mm	Maple
C1	Top/shelf (2)	285 x 19 x 900mm	Tasmanian oak
C2	Top/shelf (2)	235 x 19 x 900mm	Tasmanian oak
D	Decorative back	120 x 19 x 900mm	Tasmanian oak
E	Rails (2)	50 x 19 x 890mm	Tasmanian oak
F	Backing panel	918 x 380 x 3mm	Plywood
G	Drawer sides (4)	140 x 19 x 500mm	Maple
H	Drawer front/back (4)	120 x 19 x 836mm	Maple
I	Drawer bottom (2)	500 x 836 x 6mm	Plywood
J	Dividers (2)	120 x 19 x 462mm	Maple
K	Top drawer face	151 x 19 x 888mm	Tasmanian oak
L	Bottom drawer face	165 x 19 x 888mm	Tasmanian oak

You will also need two pairs of 500mm bottom-mount, full-extension drawer runners; assorted screws and nails; PVA adhesive; four socket-fitting 50mm twin-wheel castors; four drawer handles. Some timbers need to be ripped or planed to width. All joints are glued and screwed unless otherwise indicated. All screws in sides are counterbored to suit 10mm wood plugs.

Item D



40mm x 40mm grid