

## **Guide for Assembly of DIY Homefit Tall Carcasses**

### **Read completely before commencing assembly**

#### **General Overview**

All DIY Homefit products are shipped directly from the manufacturer to you. They are designed to be supplied to the trade and assembled either by a carpenter or qualified fitter. You should only attempt to assemble them yourself if you are a competent diy-er.

#### **Items required**

Posidrive screwdriver and a hammer  
PVA glue/Wood glue  
3.5mm x15mm wood screws – 4 per leg (optional)

#### **Fittings** – packed separately from the panels

Cams – Circular inserts approx. 15mm diameter and 12mm deep with a + on one face. If you look carefully at this face you will also see a small triangular arrow head pointing outwards.

Cam Pins – approx 42mm long metal pin with a head on one end and a blue plastic moulding on the other.

Beechwood Dowels – Splined wooden dowel approx 30mm long and 8mm diameter

Shelf support studs – Small shiny metal inserts with two flat surfaces and a round stud.

Legs & Feet – Black plastic adjustable legs with foot and mounting boss.

Hinges – together with mounting plates and Euroscrews.

#### **Panels**

Side pieces – identified by rows of holes along top and bottom edges and for the fixed shelf. Note that the holes have 2 different depths.

Bottom piece – identified by holes for cams and legs in the one face plus holes in edges

Top piece and fixed shelves – identified by holes for cams in one face plus holes in edges. Fixed shelves are smaller than the top piece.

Adjustable shelves – no holes anywhere

Back piece – similar length to side pieces but with cam-holes in one face plus holes in edges

## Assembly

1. Identify the two sidepieces and lay them on a flat surface with the rear edges together in the centre (be sure to use smooth cardboard or a dust sheet underneath to protect against scratches).
2. Identify the top and bottom pieces - The top will have 4 holes drilled in one face (for the cams) plus both small and large holes in the side edges. The bottom will be similar but will have 4 additional holes for the leg mounting bosses.
3. In the bottom piece locate the leg mounting bosses into the pre-drilled holes and rotate until the flange overlaps the edge (to facilitate side support) and tap the centre pin flush. *\*see note below.* You may screw these down if you wish using 3.5mmx15mm screws.
4. In both the top and bottom pieces, insert the cams (usually 4) into the pre-drilled holes ensuring that the arrow head points outwards.
5. Identify the holes for the dowels – they are the ones without a cam alongside – and pour a little PVA glue into each hole. Gently tap a wooden dowel in until it protrudes by no more than 10mm.
6. In the first side piece identify the holes for the dowels for the top and bottom (matching the dowels fixed in the previous step) and pour a little PVA glue into them. Insert the blue cam pins into the remaining holes until they bottom out. Do not apply glue to these cam pin holes.
7. Take the top piece and orientate it so that the front edge points in the same direction as the front edge of the sidepiece and the cams are facing outwards (so that they are not seen from the inside when you open the door) and gently push it into position on that sidepiece. Rotate the cams clockwise with your screwdriver until tight, pulling the top hard against the sidepiece.
8. Repeat for the bottom piece with the legs and cams facing down and outwards.
9. Identify and repeat steps 4-7 above for any fixed shelves (identified by cam-holes). As a general rule:
  - shelves above eye-line cams facing upwards
  - shelves below eye-line cams facing downwards.
10. Identify the back piece or pieces and repeat a similar procedure (cams facing outwards).
11. Take the unassembled side piece, insert the blue cam pins into the appropriate holes as before and pour a little PVA glue into the dowel holes for the top, bottom, fixed shelves and back piece. Carefully locate the side piece onto the assembled structure, tap home using the palm of your hand and fully tighten the cams.
12. Take the adjustable legs and tap into the leg mounting bosses until fully home.
13. Stand the unit up (**Use two people**, do not pivot on the rear legs as this is likely to break them).
14. Fix the hinge mounting brackets into the pre-drilled hinge holes.
15. Any adjustable shelves can be located at the desired height utilising the shelf support studs (after installation).

Your unit is now ready for installation and subsequent mounting of the doors.

*\* Note: The weight of the carcass is taken on the sides which must, in turn be supported by the flange on the leg bosses.*

*In sides-to-floor installations the legs should not be fitted. However, if you wish to mount the plinth by using plinth clips then the front ones only may be fitted solely for this purpose.*