

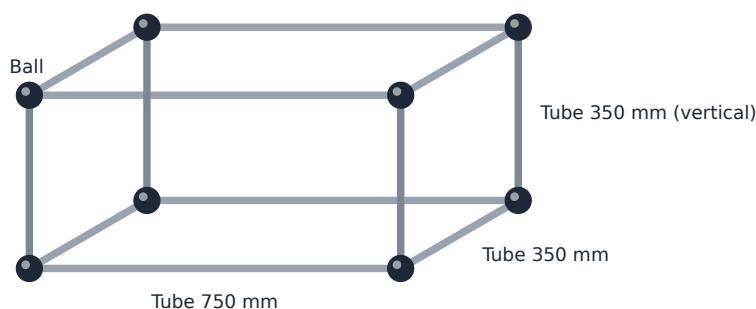
Assembly instructions: building furniture in the USM Haller system

Step by step using one compartment (75 × 35 × 35 cm) as an example – the same applies to larger pieces.

These instructions are by Modula24 and are not official USM instructions. They apply to furniture in the USM Haller system and to the compatible parts from our shop.

What you need for one compartment

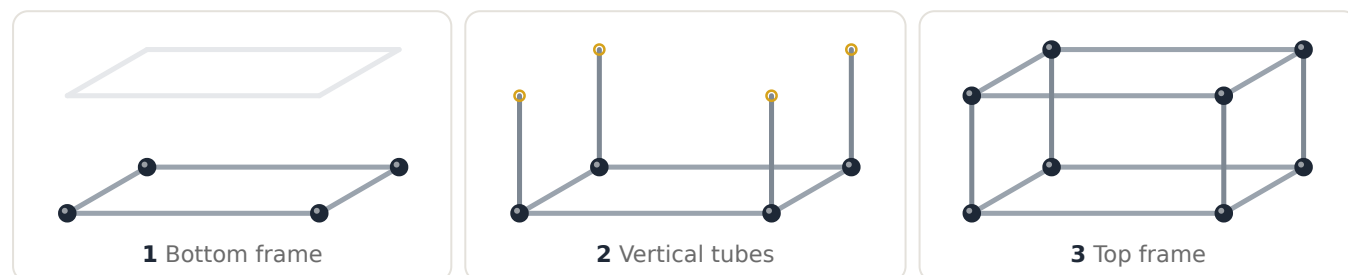
- 8** balls
- 24** connectors (one per tube end)
- 4** tubes 750 mm (width)
- 8** tubes 350 mm (depth and height)
- 3** panels 75 × 35 cm (bottom, top, back)
- 2** panels 35 × 35 cm (sides)
- 4** levelling feet
- 1** drop-down door 75 × 35 cm with fittings (optional)



Tools: ratchet or T-handle with extension and hex bits, optionally a suction lifter for the panels.

Larger furniture: every additional compartment next to or above shares balls and tubes with its neighbour. The 3D configurator creates the exact parts list for your piece.

Assembly step by step



- 1 Prepare.** Lay out all parts on a soft surface and count them. Lay panels flat, don't stand them on their edges. If you are extending an existing piece, first check whether it is 1st or 2nd generation.
- 2 Prepare the frames.** Pre-assemble the bottom and top frames: connect four balls with two 750 mm tubes and two 350 mm tubes each. Only tighten the connectors lightly.

- 3 Connectors for the uprights.** Screw one connector lightly into each of the four balls of the bottom frame, pointing upwards – these are the first four of the eight connectors for the vertical tubes.
- 4 Vertical tubes.** Place the four 350 mm tubes upright on these connectors. Reach through the tube with the ratchet and the extension and tighten the connectors.
- 5 Fit the top frame.** Screw the remaining four connectors loosely into the four balls of the top frame – lightly is enough. Then carefully place the frame on the four vertical tubes.
- 6 Tighten the top frame.** Change the ratchet bit and screw the frame tight. Note: this time turn in the opposite direction, i.e. anticlockwise.
- 7 Align.** Screw the levelling feet into the bottom balls and level the frame with a spirit level. Check that both diagonals are the same length – then it is square. Only now tighten all connectors firmly.
- 8 Insert the panels.** Back and sides first. Start each panel at one corner, position it at the back, then press it in at the front and top until it clicks. A suction lifter gives a safe grip on large panels.
- 9 Top and door.** Once all panels are in place, fix the top panel with the screws. A drop-down door is mounted last with its fittings.

Tips

- Tighten connectors loosely first and firmly at the end – otherwise the frame will be crooked.
- Assemble large pieces with two people. From about 109 cm in height, fix the furniture to the wall.
- When dismantling, loosen stuck connectors with a connector puller, not a hammer – this protects the tubes.

Parts, tools and help

Spare parts and components	modula24.com/en/collections/all
Tools	modula24.com/en/collections/tools-usm-haller
3D configurator with parts list	modula24.com/en/pages/3d-configurator-usm-haller-furniture
Instructions online	modula24.com/en/blogs/magazin/building-usm-haller-a-step-by-step-guide
Questions?	service@modula24.com · live chat on modula24.com