

XPANDACABIN

Assembly Instructions



PANDA
BUILDINGS



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XPANDACABIN

Assembly Instructions

General assembly instructions

- Read instructions thoroughly before commencing assembly
- For best results assemble on level, solid ground or it may affect alignment of the wall and ceiling panels
- On initial assembly, hand tighten all nuts and bolts then once full assembly has been completed, tighten again with socket/spanner
- Keep all components and packaging if you plan to demount, move and reassemble in new location

The tools you will need

- 13mm spanner
- 19mm spanner
- Socket set including 13mm and 19mm sockets
- Screw driver

Safety notes

Please review all safety implications before commencing installation including suitability of desired location, local hazards, access and personnel involved in assembly. If in any doubt refer to your company's Health & Safety officer or seek professional advice. Due care should be taken when lifting, assembling and demounting the unit.

General notes after assembly

- Once assembled, the unit can be lifted and re-positioned using a fork lift or crane *
- For demounting and relocating in flat-pack condition, using the original packaging is recommended

Terms explained

- Capture nuts – This refers to nuts that are pre-attached to the component.
- Chassis – The main floor component
- Hand tighten – Tightened by hand so secure to hold in place but loose enough to allow for small movement
- Demounted – When the unit is disassembled and returned to its original flat-packed state

* Additional fixings required



STEP
1

Remove the 4 transit brackets. Each has x2 bolts that should be unscrewed using a 19mm socket and once free, lift the roof slightly to ease removal.



STEP
2

Lift off the roof section and place to one side, allowing for space to assemble your Xpandakabin.



STEP
3

Remove the 4 corner sections by unscrewing the x4 19mm bolts on each.

KEEP THESE SAFE for re-use later.



STEP
4

Remove the timber and polystyrene packing and discard. Now remove all components and stack leaving enough space around the Expandakabin to work. This will include:

- Internal and external corner supports
- Panel joining strips
- Roof beams
- Fixings
- Small and large wall panels
- Roof panels



IMPORTANT INFORMATION

If your Xpandakabin has been delivered and sited in the place where it will be used, ignore steps 5 and 6 and do not disassemble the flo or chassis. If you need to carry the Expandakabin components to a new location and would prefer to break them down into more manageable sizes, follow steps 5 and 6.



STEP
5

Disassemble the flo or chassis. Remove the x4 bolts that hold the lower ring beam in place – x2 per long edge and once free, the x3 (3.3m model) x4 (4.3m model) sections of the base section pull apart.



STEP
6

Relocate Xpandakabin to the desired location (ensure flat solid ground) and reverse the process by slotting the x3 sections back together and re-using the bolts and washers.



STEP
7

Assemble the first corner post and slot the steel cruciform shaped support in plate then affix using x2 19mm bolts.

The outer rounded corner support section is then bolted in place using x4 19mm bolts. This forms a channel on each side for the side panels to fit into.



STEP
8

Remove the protective plastic membrane from all the side panels.



STEP
9

Slide the first large wall panel in place starting with the long edge. Remember – at this point you should decide where the x1 window and x1 door panel should be positioned.



STEP
10

Install a steel panel joining strip by slotting it against the wall panel. Install the remaining wall panels in place to complete the back wall, repeating the process of using the joining strips for each panel. These will slot in place and require no fixing.



STEP
11

Install the other corner section to the end of back wall and secure in place by repeating the process from step 7.



STEP
12

Install the long edge top ring beam which supports and holds the wall panels in place. Align the protruding pin with the hole and push in place to secure. (Note image showing which holes to use.)



STEP
13

Now install one of the end walls using x2 small panels and x1 large panel.



STEP
14

Install the next corner section to the other end of the side wall and secure, repeating the process from step 7.



STEP
15

Install the short edge top ring beam which supports and holds the end wall panels in place. Align the protruding pin with the hole and push in place to secure.



STEP
16

Install the second side wall using the remaining large panels.

(Please note: windows and doors can be positioned in different ways depending on your requirements, which should be chosen prior to construction. These photographs are for illustrative purposes only.)



STEP
17

Install the remaining end wall using x2 small panels and x1 large panel.



STEP
18

Slide the steel cruciform shaped corner support in place (from the top) to join the side wall to the end wall and affix using x2 19mm bolts. Then install the rounded outer corner section using x4 19mm bolts.



STEP
19

Install the other short edge top ring beam which supports and holds the end wall panels in place. Align the protruding pin with the hole and push in place to secure.



STEP
20

Install the remaining long edge roof beam which supports and holds the side wall panels in place. Align the protruding pin with the hole and push in place to secure.



STEP
21

Unlock the door and install the door handle. Use the long screws with locking sleeve to affix in place. Affix vanity cover to door assembly by snapping in place, one per side.



STEP
22

Install the roof panels by lifting and slotting them into position. No fixing required. The number of roof panels is dependant on the size of your Kabin.



STEP
23

Seal the roof panels using the self adhesive tape supplied (tape should be applied to external joints)



STEP
24

Install window fixings. 1x window supplied in locked position for safe transit. To install handles open the plastic cover to expose screw holes. Insert screws and tighten then close the plastic cover.



STEP
25

Install the outer roof section by sliding in place.



STEP
26

Install the roof fixing brackets x8 to secure the top roof section to the corner posts. Use 13mm bolts, washers and captive nuts. There are x2 brackets per corner.



STEP
27

Now's the time to check all the bolts are secured tightly.



Congratulations!

Your XpandaCabin is now fully assembled and ready to use.

Shown here with the optional lifting/stacking kit fitted



XPANDACABIN

Accessories

Your Xpandacabin is now ready for use but don't forget, we also have a wide range of handy accessories so that you can personalise your units around your own specific needs:

Electrical Pack

Includes consumer unit, external plug and socket, light switches, light fittings, convector heater, cables and self adhesive trunking.



Wall Panels

A selection of replacement wall panels to personalise your Xpandacabin including standard wall panels, door panels, window panels and fully glazed window and door panels.



Window Grill

A heavy duty fully welded window grill for added security



Linking Kits

Designed for joining two or more Xpandacabin units together, linking kits are ideal for making a larger unit. Available as short side or long side versions, each kit is supplied with all components and simple to follow instructions.



Touch Up Paint

For re-spraying small panel areas that may have suffered damage during use.



Stacking / Lifting Kit

This kit allows the assembled unit to be lifted by crane, or stacked on top of another unit safely



Window Panel

Easily fit additional window panels to suit your needs.



Door Panel

Add or replace door panels at any time after initial installation



Full Height Window Panel

Our full length window panels will give your Xpandacabin a more designer look. (and let in more light!)



Full Glazed Door Panel

The fully glazed door looks good with the full length windows



NOTES



XPANDARANGE - The complete range of unique flatpack buildings



XpandaStore - Flat-packed storage unit
Insulated version now available.



XpandaOffice - 20ft flat packed office



XpandaCabin - Flat-packed office unit for home and commercial use.



XpandaChem - Flat-packed storage unit for the safe storage of chemicals and lubricants.



XpandaBikestore - Flat-packed secure storage unit for motorcycles, garden tools etc



XpandaKiosk - Security Cabin
Arrives assembled, can be flatpacked. Complete with fold-down table & ticket window



The XPANDARANGE of flat-packed buildings are available from

www.pandabuildings.com

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