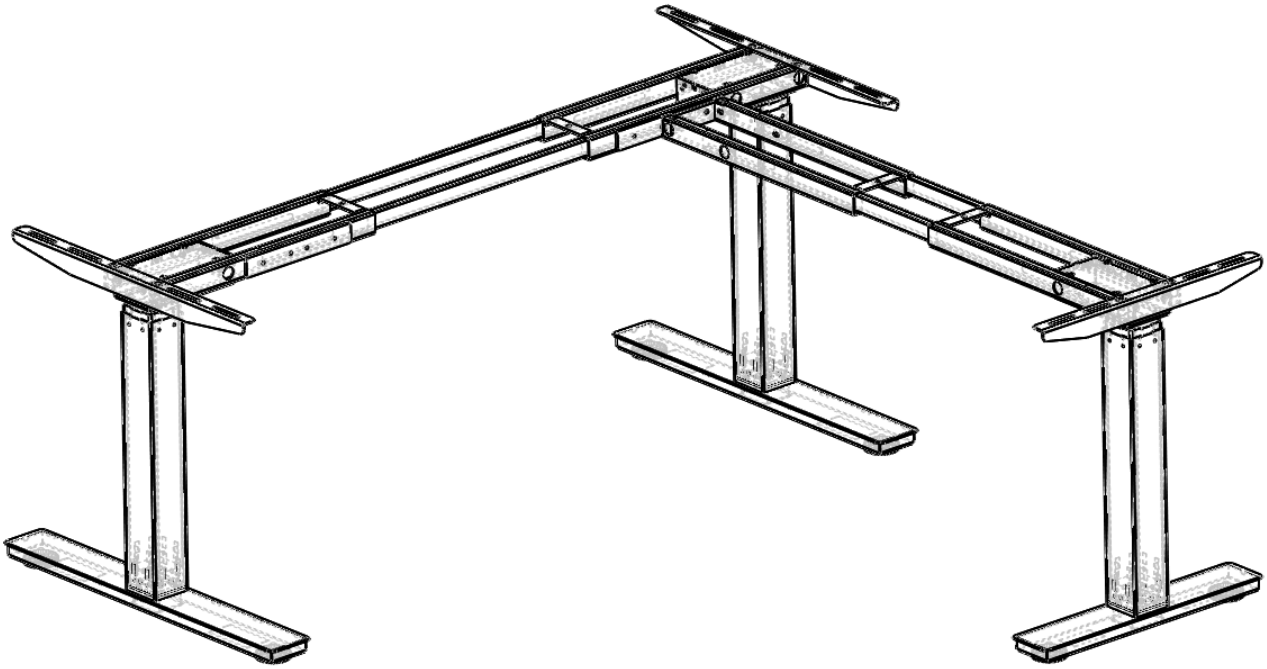
Commercial S2 90 Deg Assembly Instructions



Note: Please use these Assembly Instructions and no others.

Title: Commercial S2 90 Deg Assembly instructions
Issue Date: 13/05/2022
Issue: 2
Author: SD
File Name: Commercial S2 90 Deg Assembly instructions issue.2 13.05.2022

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Cautions and Use

Caution. Make sure that when operating this desk after assembly no objects are in the path of the desk when it is being raised or lowered. Failure to ensure complete assembly and to also take adequate care when using the desk could result in injury to persons and property.

Should this desk be re-sold please ensure these instructions are passed to the buyer.

In the event that any screws, allen keys or any other components or fasteners are missing from the box when opened please contact GoStand Limited at the contact details on the cover page.

Inappropriate use of this desk could cause injury to persons and property.

Do not dismantle any single parts within the product.

Please make all users of the desk aware of these important safety instructions.

The desk is not designed for a person to either sit on it or to move the desk up and down whilst sitting on the desk. This can cause bodily injury. Do not crawl around or lie under the desk while it is in use.

This height adjustable desk is for office or home office use only. It is not designed for use in any other environment. It should not be used in industrial areas, food preparation, workshops or other. It should not be in a high moisture environment nor subject to exposure to fluids.

The desk is designed to lift office equipment such as a computer, keyboard, monitor, mouse, tablet and stationery. It should not be sat on by any person and should above all not be moved up or down with a person on it. It should be free to move up and down without hindrance. Objects should not be placed below or around the desk that can be crushed or cause the desk to jam.

GoStand Limited accepts no liability for any injury or loss caused by improper assembly or use of this product. Similarly improper use of the product will void any and all warranty claims.

Children should be supervised by an adult at all times when using the desk.

Post Assembly and Positioning

Once the desk has been assembled, adjust the feet so the desk is level and stable.

Make sure the desk is clear of any objects when positioning such as radiators, windows, furniture etc.

Do not place any objects greater than 500mm in height below the desk. Do not lift it by the desk top but by frame just underneath.

Use caution when manoeuvring desk.

Before starting the assembly process

Try to work in a carpeted or padded place.

Assembly is generally easiest at floor level.

If putting the desk-top on with the frame upside down we would recommend having someone on hand to turn the desk over.

Assembly

These instructions are made simpler by running in three separate phases. We suggest you take a small break after each phase before starting the next. Always follow the phases and steps in numerical order. DO NOT JUMP AHEAD.

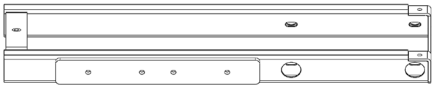
Phase 1: Building the basic frame of the desk.

Phase 2: Attaching the desk-tops.

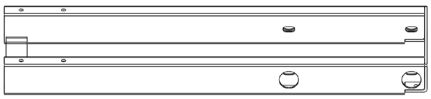
Phase 3: Connecting the motors.

Parts & Tool List

1. Main Frame End (x2)



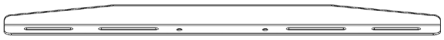
2. Side Frame End (x2)



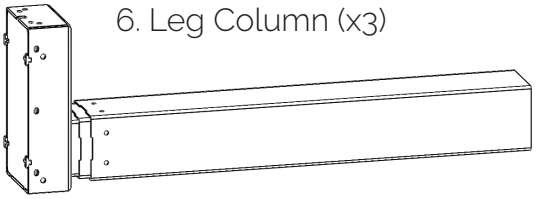
3. Support Beam (x4)

4. Main Frame Side Arm Bracket (x2)

5. Side Frame Side Arm Bracket (x1)



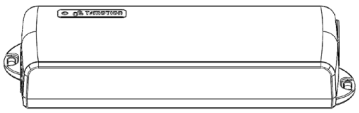
6. Leg Column (x3)



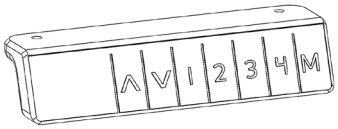
7. Main Frame Foot (x2)

8. Side Frame Foot (x1)

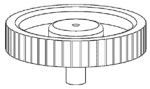
9. Control Box



10. Control Panel



11. Foot Pads (x6)

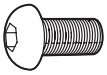


12. Rubber Cushions (x16)

13. 4mm Hex Spanner

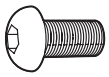
14. 5mm Hex Spanner

15. M6*14 Screws (x12)



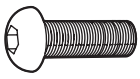
16. M6*8 Screws (x2)

17. M6*10 Screws (x16)

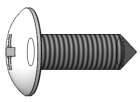


18. M6*12 Screws (x12)

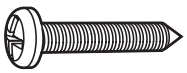
19. M8*16 Screws (x12)



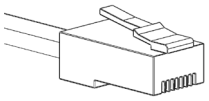
20. ST4.8*19 Screws (x18)



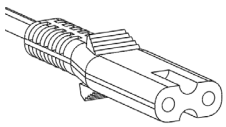
21. ST3.5*19 Screws (x2)



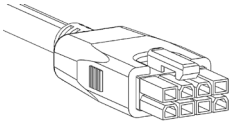
22. Control Panel Cable
(Attached to Control Panel)



23. Power Cable



24. Leg Cables (x3)
(Attached to Leg Columns)



Screw pack usage - You will have un-used screws at the end of assembly

Note a list of the compartment contents is printed on the screwpack in small black writing running in sequence top to bottom. These are robot packed and the numbers should be correct.

Rubber pads. Used if desk-top is blank or pre-drilled.
Not used if desk-top is inserted

Allen Key - 4mm Hex spanner
Used to tighten engineering screws

Allen Key - 5mm Hex spanner
Used to tighten engineering screws

ST3.5*19 self-tappers. 2 off used to connect the handset to the desk-top. Rest are spares. **Not used if desk-top is inserted**

ST4.8*19 self-tappers. 2 off used to connect control box to the desk-top. 10 off used to connect the frame to the desk-top. Rest are spares. **Not used if desk-top is inserted**

M8*16 button head. 8 off used in Step 5 and 4 off used in Step 10. 1 off spare. **Always used.**

M6x*12 countersunk. 8 off used in Step 3 and 4 off used in Step 8. 4off used in Step 4 and 2 off in Step 9. 1 spare. **Always used.**

M6*16mm button head. **NEVER USED**

M6*8mm button head 2off used Step 14. 1off spare. **Always used**

M6*10. 4 off used at the end of Step 13 and 4off used at the end of Step14 to fix the support beams in place. 1 off spare. **Always used.**

Self-adhesive cable tidies.

PHASE 1 - We will now assemble the basic frame of the desk. This phase should take 30-45 minutes.

Step 1

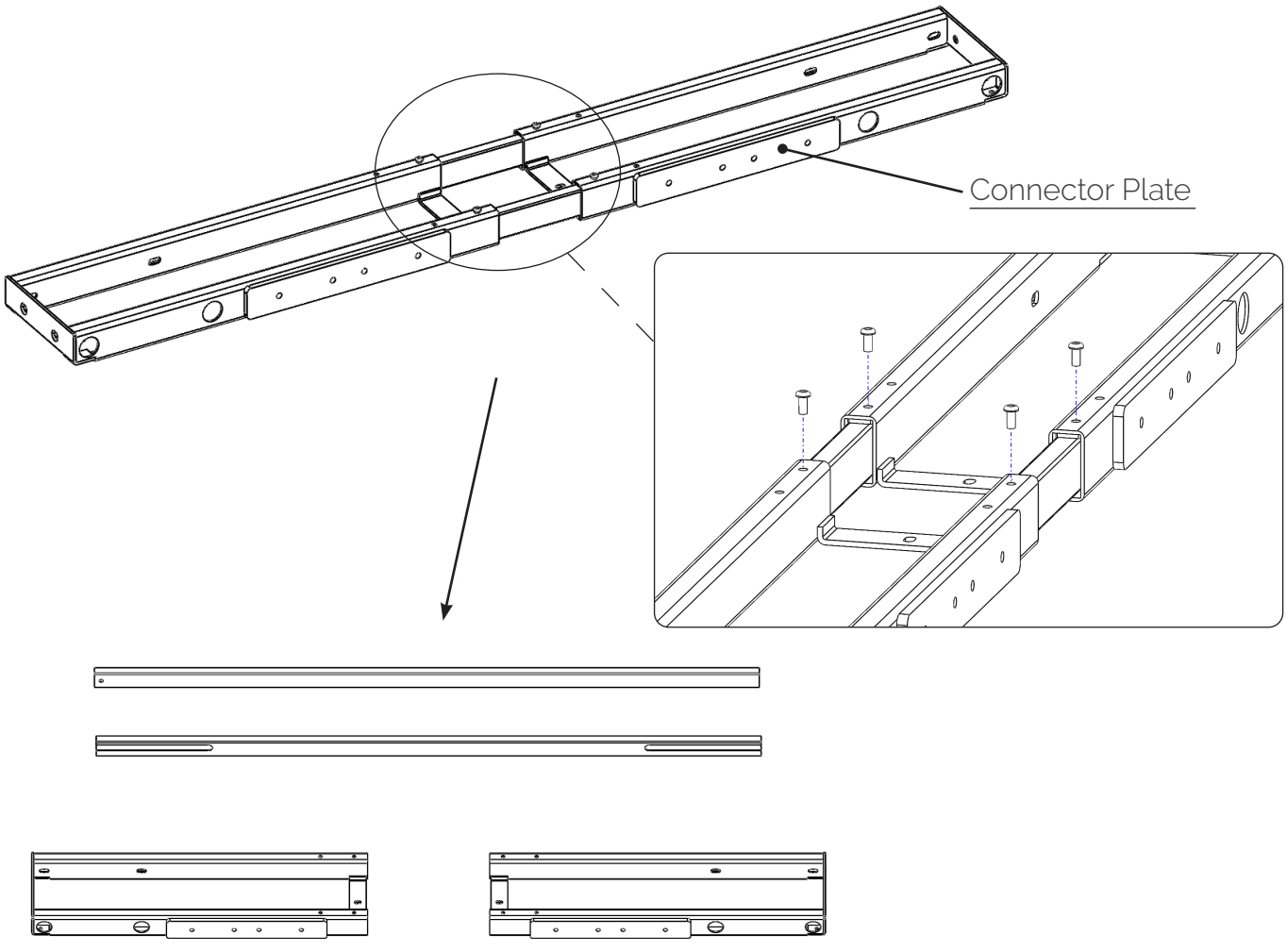
Remove all parts from your desk frame box, and confirm that no items are missing. If you do have missing items please contact us immediately as we hold spares and can send out spare parts that same day.

Step 2

Now take the main cross frame assembly which consists of the main frame ends and support beams as we are going to separate this into separate parts.

IMPORTANT! Ensure that this cross frame assembly contains the connector plates on the side of the frame ends.

Loosen the 4 M6*10 screws that have already been inserted into the two frame ends in the factory. Once these are loosened, slide the two end frames out of the support beams so that you have two end frames and two support beams.



Step 3

Take either one of the frame ends and one of the leg columns.

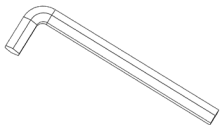
1. Firstly insert 2 M6*12 countersunk screws into the back of the leg column. Use the 4mm hex spanner.

2. Then insert 2 M6*12 countersunk screws into the front of the leg column. Use the 4mm hex spanner.

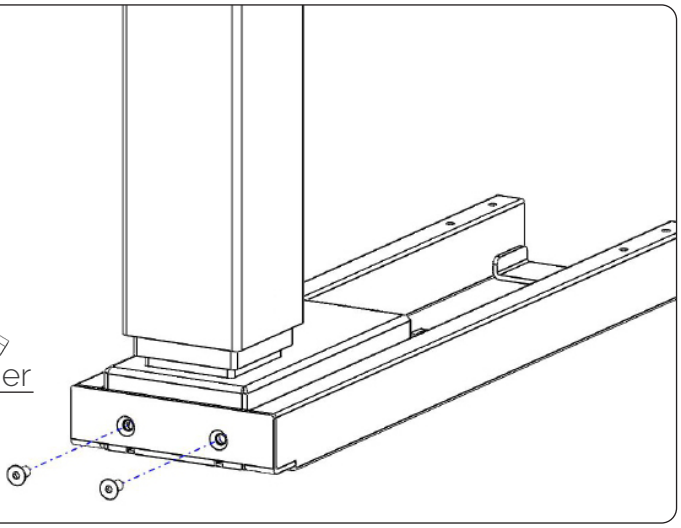
3. Now tighten the 4 M6*12 screws to fully secure the frame end to leg column.

1.

M6*12 Screw

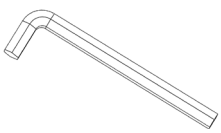


4mm Hex Spanner

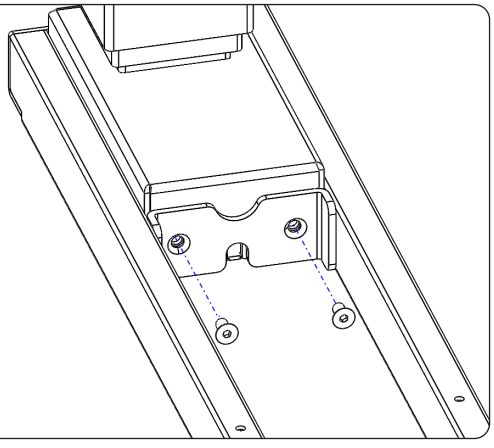


2.

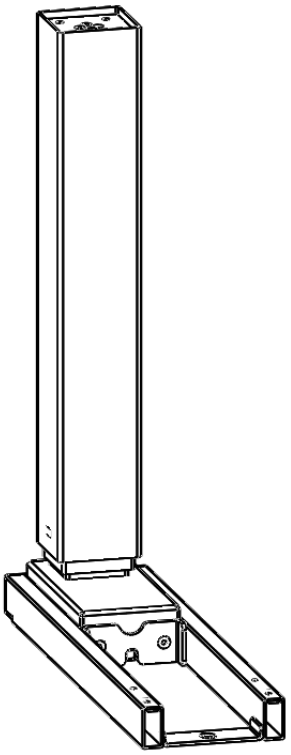
M6*12 Screw



4mm Hex Spanner



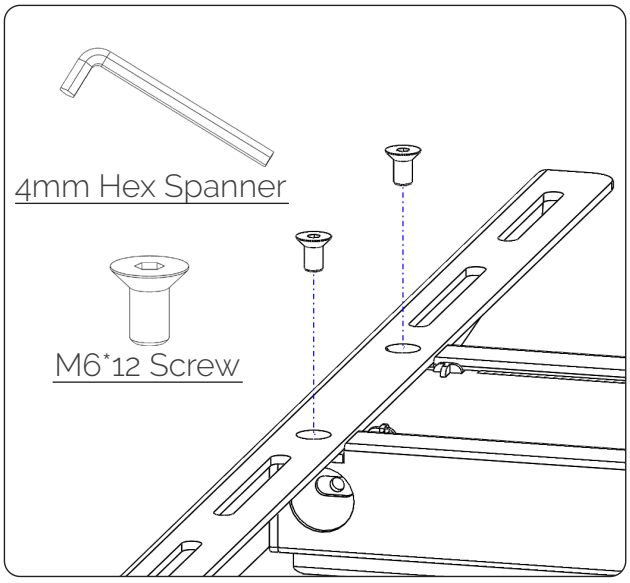
3.

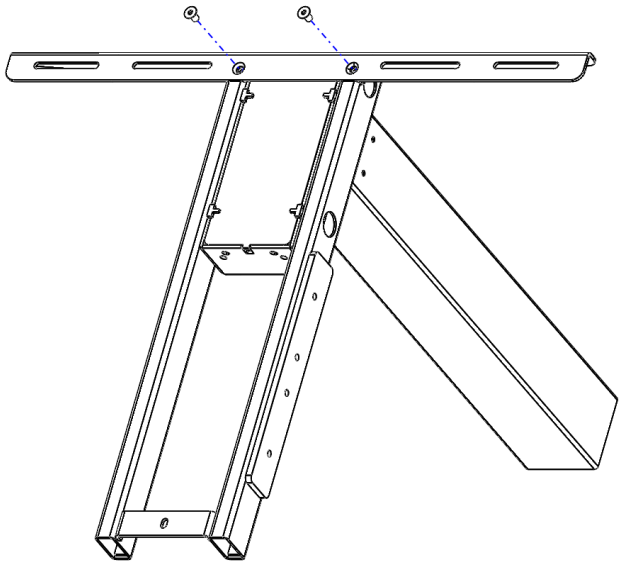


Step 4

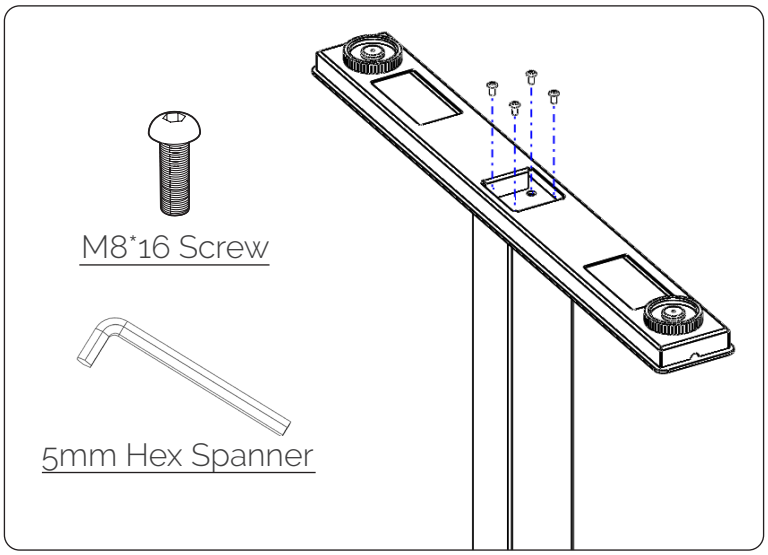
Now we need to attach the side arm bracket.
Take one of the main frame side arm brackets, as these are the longer side arm brackets and are required to be attached to the main frame.

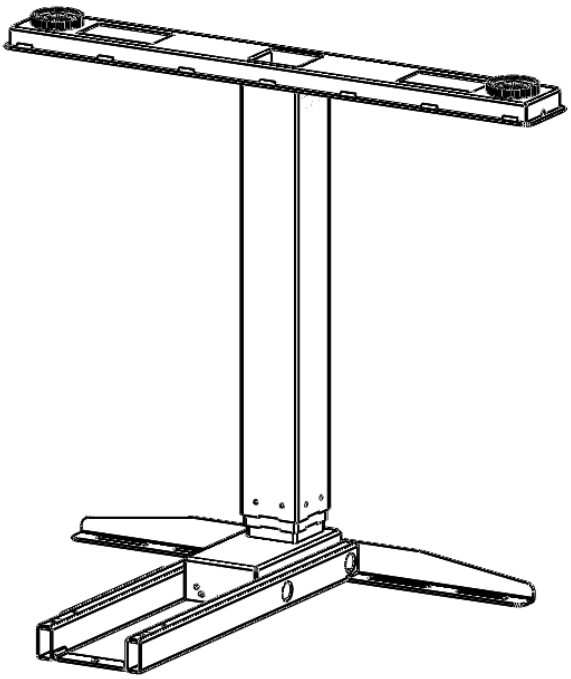
Secure the main frame side arm bracket to the frame end with 2 M6*12 countersunk screws. Tighten the screws using the 4mm hex spanner.





Step 5





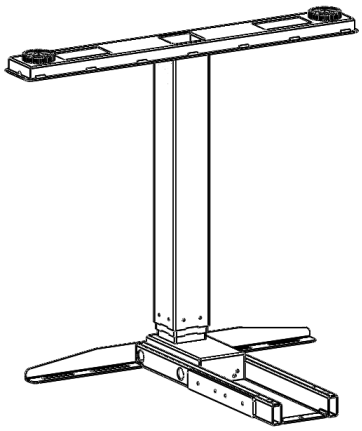
Now we need to attach the feet.

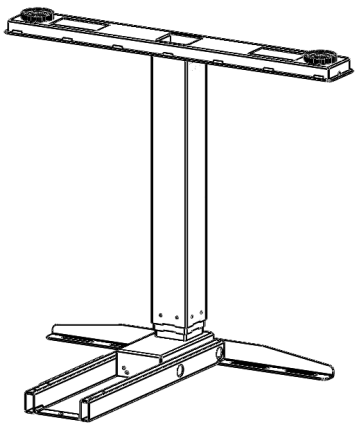
Take one of main frame feet, as these are the longer feet and are required to be attached to the main frame.

Secure the foot to the bottom of the leg column with 4 M8*16 screws.
Tighten the screws using the 5mm hex spanner.

Step 6

Repeat steps 3-5 until you have made a second identical leg sub-assembly. Once this is complete, you should have two fully built leg sub-assemblies for the main frame.

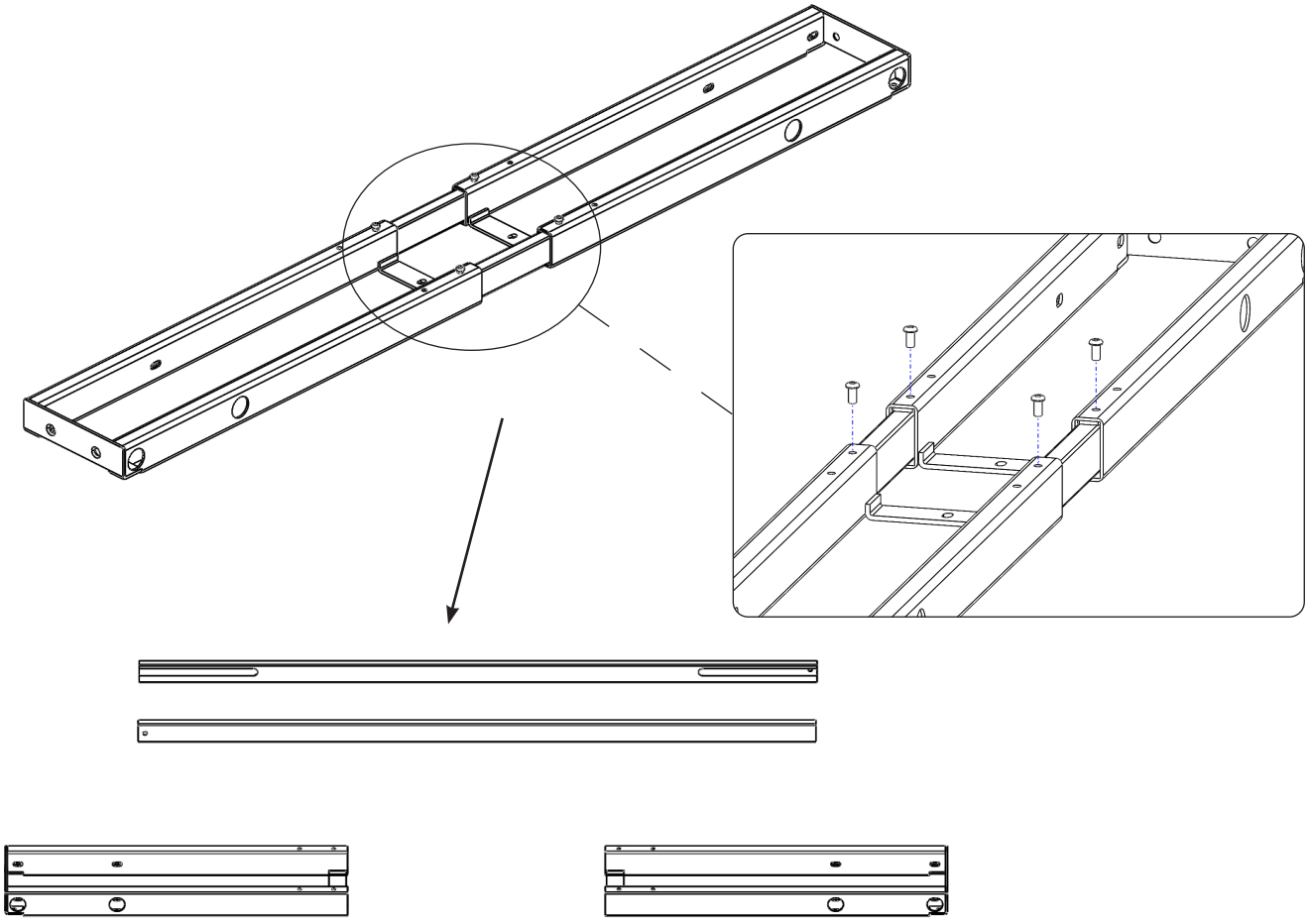




Step 7

Now take the side cross frame assembly which consists of the side frame ends and support beams as we are going to separate this into separate parts.

Loosen the 4 M6*10 screws that have already been inserted into the two frame ends in the factory. Once these are loosened slide the two end frames out of the support beams so that you have two end frames and two support beams.



Step 8

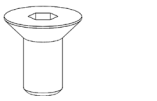
Take the side frame end and the remaining leg column.

1. Firstly insert 2 M6*12 countersunk screws into the back of the leg column. Use the 4mm hex spanner.

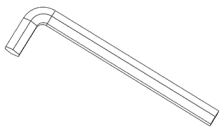
2. Then insert 2 M6*12 countersunk screws into the front of the leg column. Use the 4mm hex spanner.

3. Now tighten the 4 M6*12 screws to fully secure the frame end to leg column.

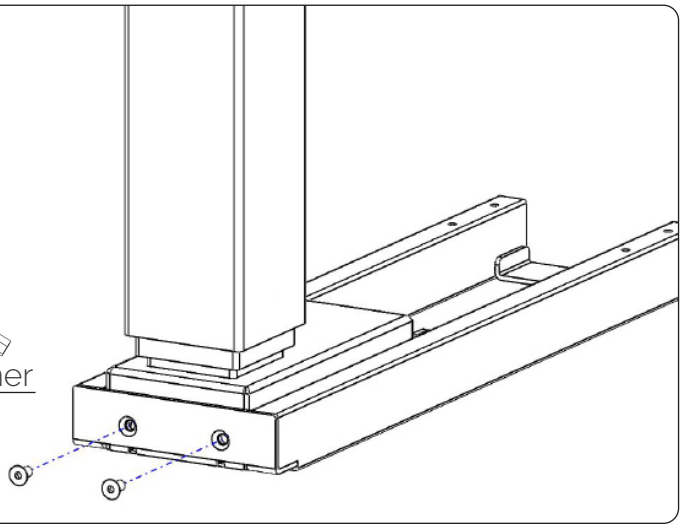
1.



M6*12 Screw

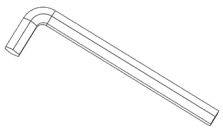


4mm Hex Spanner

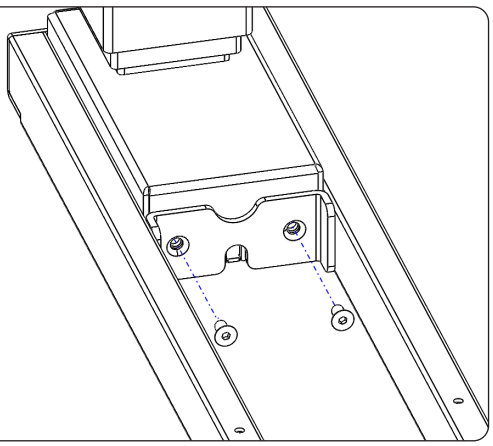


2.

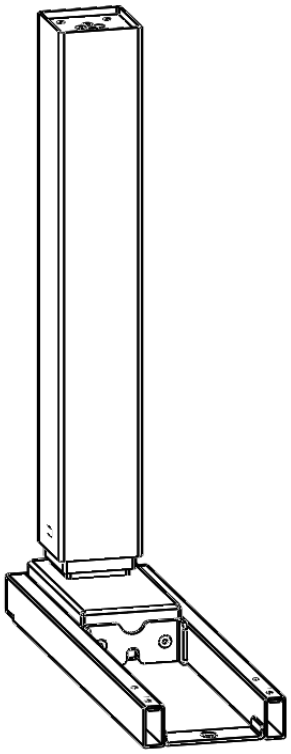
M6*12 Screw



4mm Hex Spanner

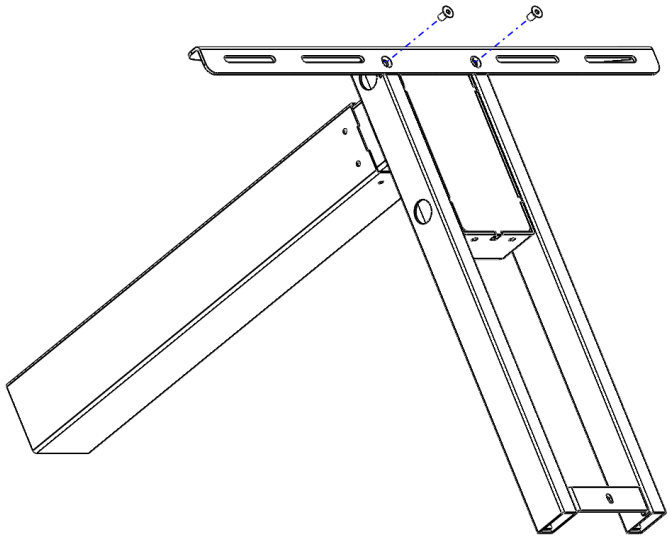


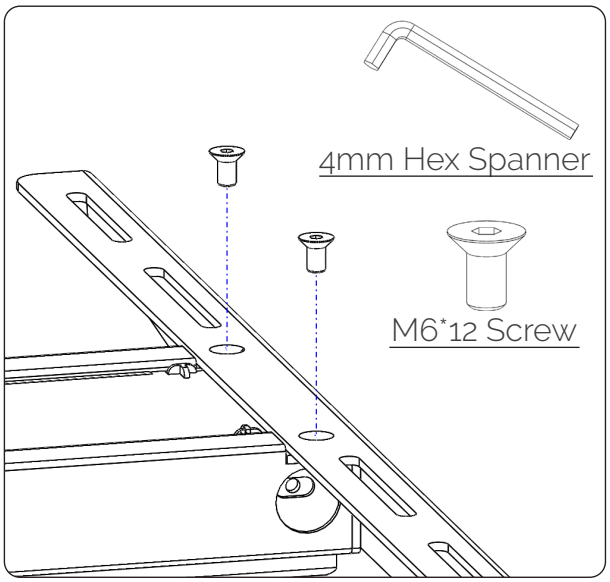
3.



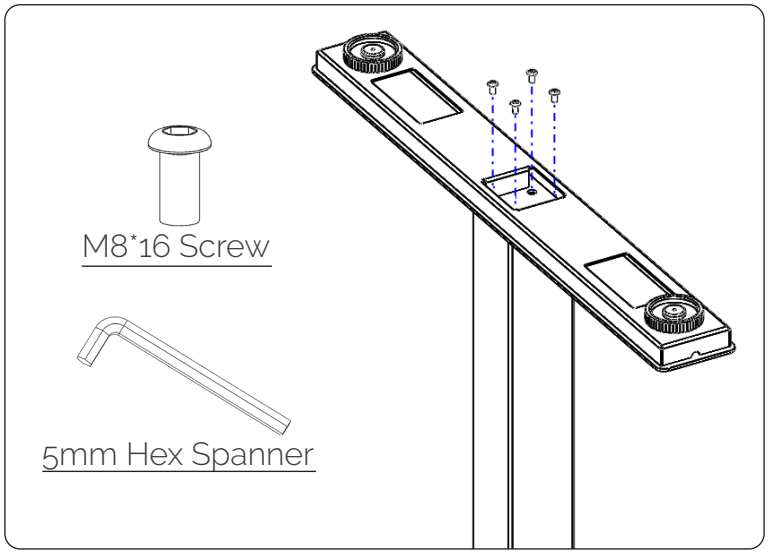
Step 9

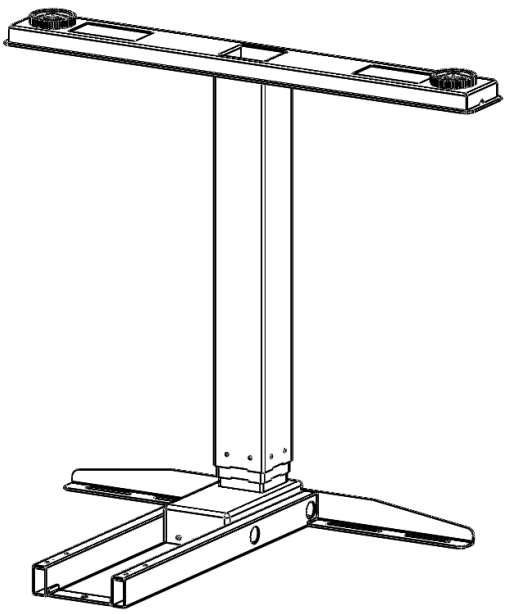
Now we need to attach the side arm bracket.
Take the side frame side arm bracket, and secure it to the frame end with 2 M6*12 countersunk screws.
Tighten the screws using the 4mm spanner.





Step 10





Now we need to attach the remaining foot.

Take the side frame foot, and secure it to the bottom of the leg column with 4 M8*16 screws.

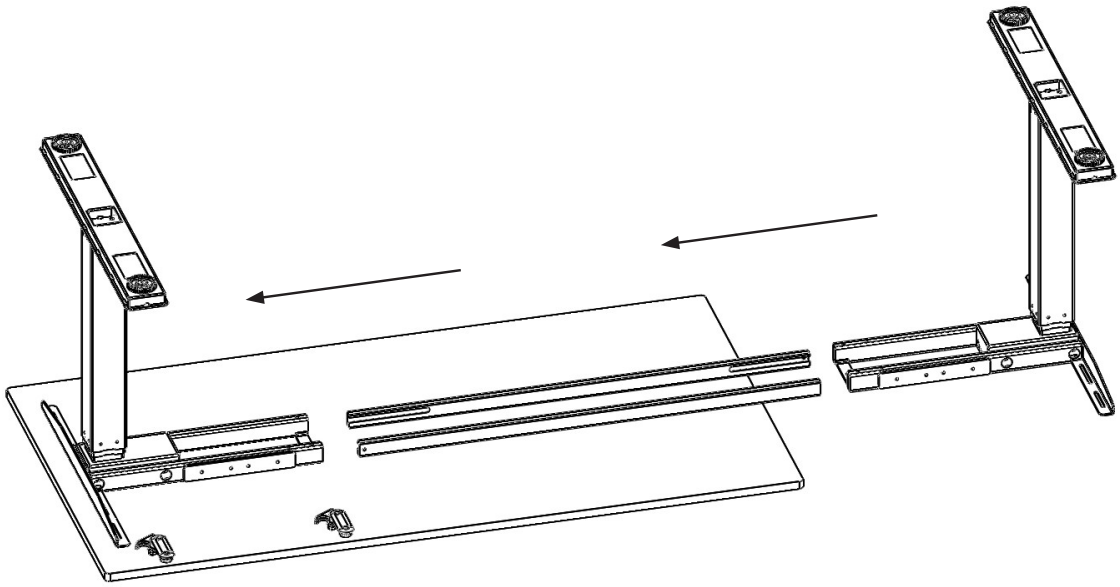
Tighten the screws using the 5mm hex spanner.

Step 11

Now we need to join the leg sub-assemblies together so that they form the main frame and the side frame of the desk.

Firstly, place your desk-top good face down on something soft such as a carpet or rug to avoid damaging it. Place one of the main frame leg sub-assemblies on the main desk-top. Insert the support beams into the frame end. Slide the second main frame leg sub-assemby together so that they are joined by the support beams. See below.

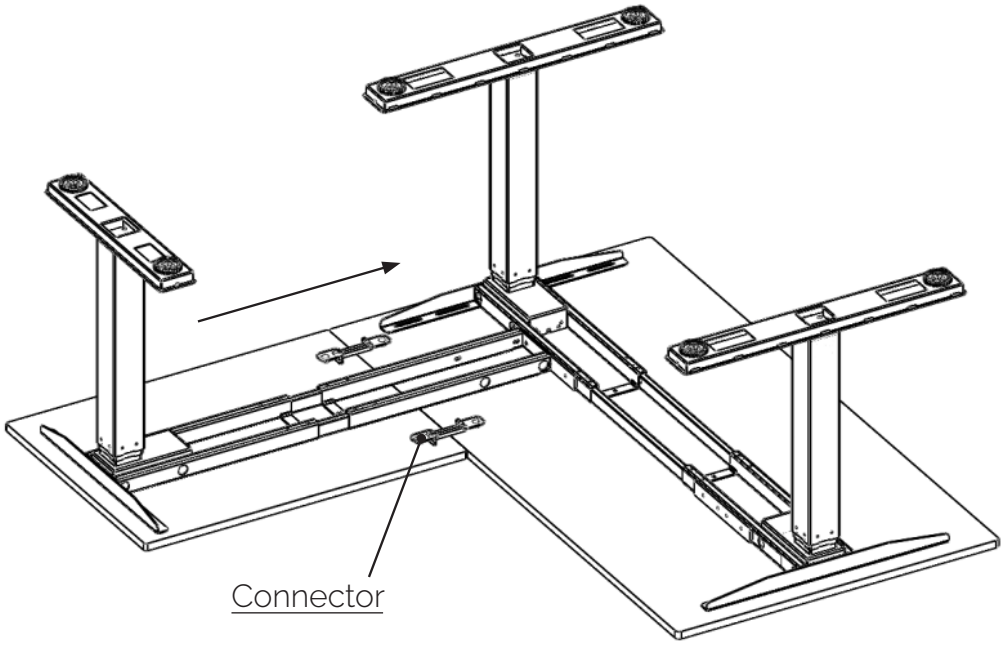
To know which is the good face of the desk-top is simple. For inserted or pre-drilled desks, this is the blank face without the inserts or drill holes.



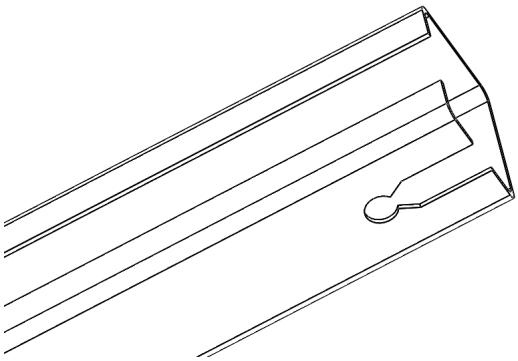
Now attach the side desk-top to the main desk-top by hooking together the connectors on both tops.

Then, slide the side frame together on the side desk-top and position it at the desired 90 degree angle to the main frame.

IMPORTANT! Do not attach the side frame to the main frame at this stage.



Step 11 continued



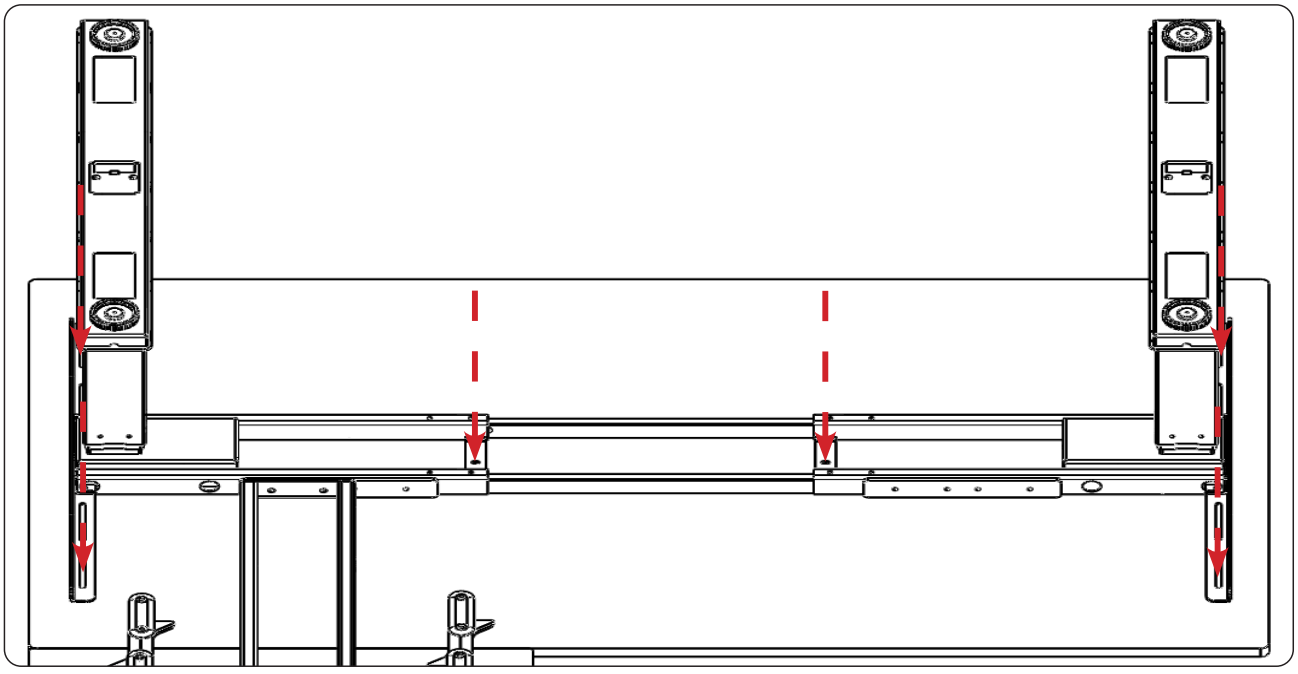
Ensure that the cut-outs in the support beams are faced downwards towards the desk-top so that the beams slide easily into the frame ends and do not catch on the screws in the end sub-assemblies.

Step 12

Now we need to set the width of both frames to match the desk-top size that you have purchased.

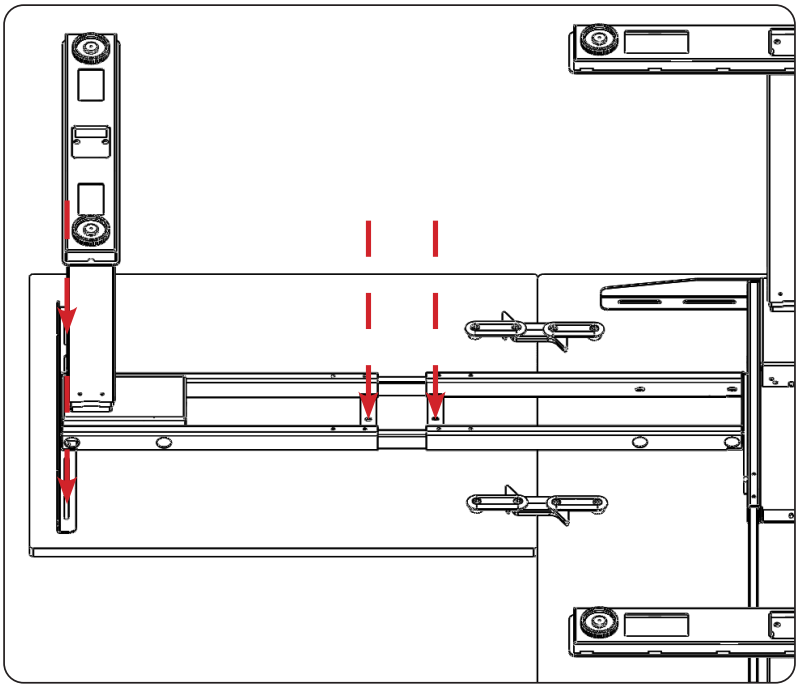
The frame is set to the correct width by adjusting it so that the slots and holes in the frame line up with your pre-drilled holes or inserts in the desk-top (note you may need to remove the pre-fitted screws in the inserts to do this easily).

The location of the pre-drilled holes and metal inserts on the main desk-top are shown below.



Step 12 Continued

The location of the pre-drilled holes and metal inserts on the side desk-top are shown on the right



IMPORTANT! Do not tighten the M6*10 screws on the support beams at this stage, as this may make it more difficult to align your frame with the inserts or drill locations.

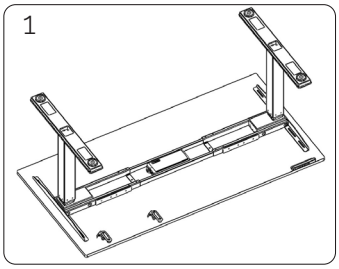
If the screws are tight and the support beams are rigid whilst you are manoeuvering the frame, this can lead to the frame becoming damaged.

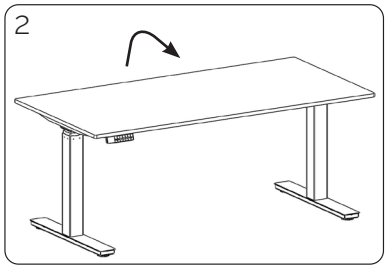
Congratulations. You have now completed Phase 1 of the assembly and can now move onto Phase 2.

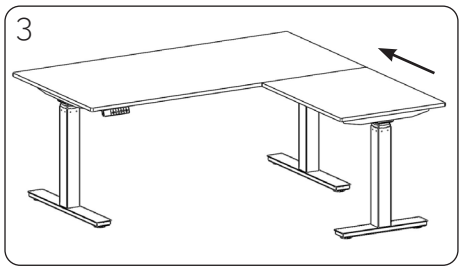
PHASE 2 - We will now attach the desk-top to the frame, control box and control panel. This phase should take 30-35 minutes.

There are several options on how to attach the desk-tops to the three-legged frame.

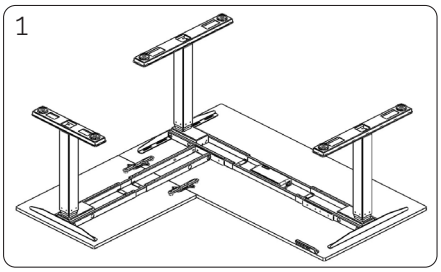
Within this assembly instruction manual, we have shown what we believe is the easiest method for attaching the desk-top to the frame so that a single person is able to complete the construction of the desk. This method involves the attachment of the main desk-top first, then the overturning of the main frame before attaching the side frame and side desk-top.

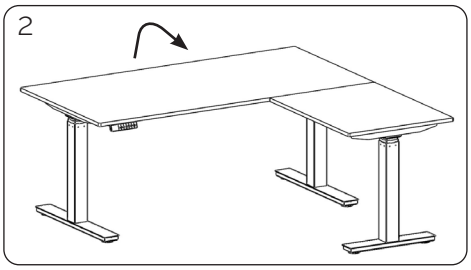






If there are two or more people present whilst you are constructing your desk, a method of construction possible is to fully attach both the main and side desk-tops to the fully built frame before overturning the frame. Within this assembly instruction manual, we have designed the assembly instructions to be able to be completed by a single person. We have not shown this method as we do not recommend a single person try to overturn the entire, fully attached desk. However, this method will achieve the same result as our recommended method.





Continue to Step 13 and Step 14 to follow our recommended method of attaching the desk-top to the frame.

Step 13

Now that we have achieved the appropriate width of the main frame, we can now proceed to attaching the main desk-top and adding the control box and control panel.

If your desk-top is has pre-drilled holes please follow Step 13(a).

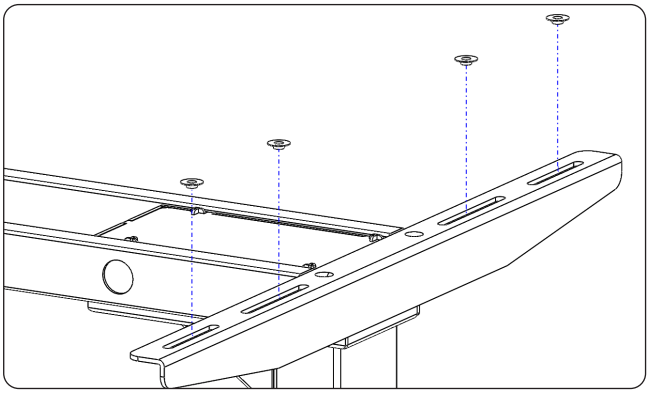
If your desktop has pre-installed inserts please follow Step 13(b).**IMPORTANT! If you have purchased your tabletop pre-inserted, you do not need to use the rubber cushions or the self-tapping screws.**

Step 13 (a)

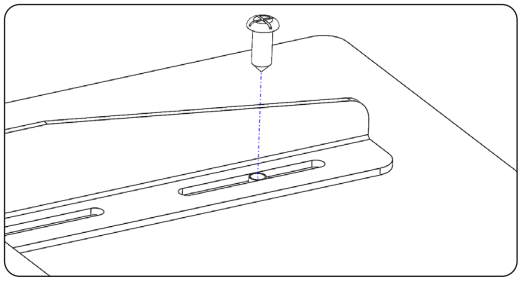
Fitting a pre-drilled desk-top.

Place the rubber cushions onto the brackets and beam where the screws will be inserted.

The rubber cushions provide a barrier between the desk-top and frame.

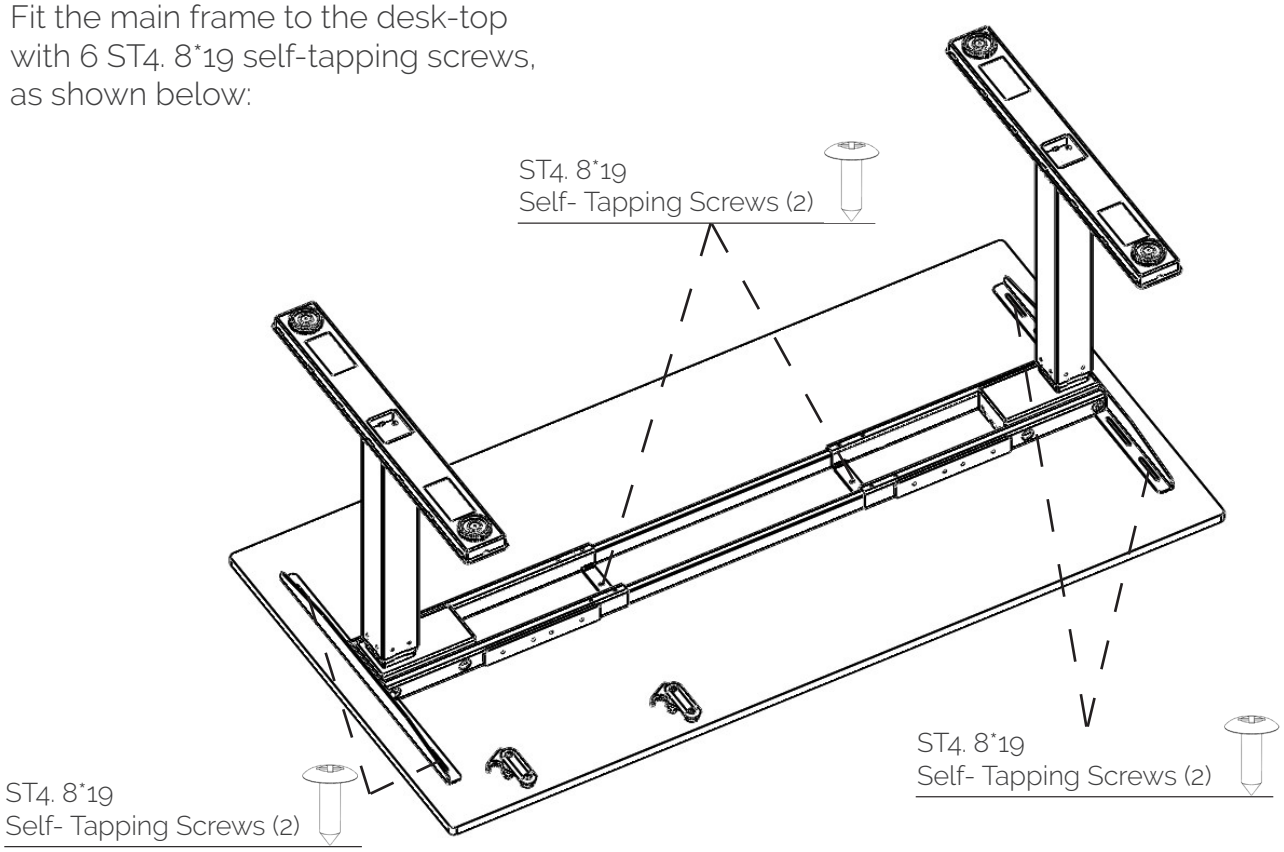


Now overturn the frame again and place it on top of the desk-top.



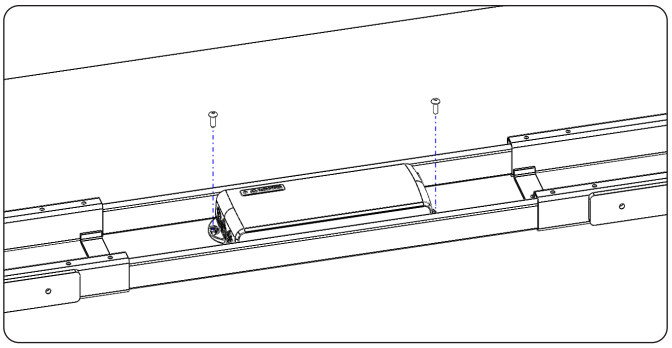
If your desk-top has pre-drilled holes, this means that holes have been drilled into your desk-top to indicate where the screws should be inserted into the desk-top. Align the holes of the frame with the pre-drilled holes and proceed to screw the self-tapping screws into the desk-top to secure the frame to the desk-top.

Fit the main frame to the desk-top with 6 ST4. 8*19 self-tapping screws, as shown below:



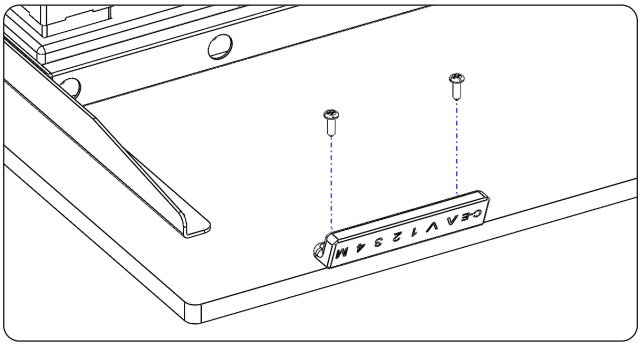
There are also pre-drilled holes to guide you to where the screw holes of the control box and the control panel should be located. Align the screw holes of the control box and control panel with the pre-drilled holes on the desk-top, then screw the self-tapping screws to secure them to the desk-top.

Step 13 (a) Continued



Attach the control box using 2 ST4. 8*19 self-tapping screws.

The control box will be attached to the desk-top whilst being held in the in between the support beams. This will allow the desk to be bulit in the most compact way possible.



Attach the control panel using 2 ST3. 5*19 self-tapping screws.

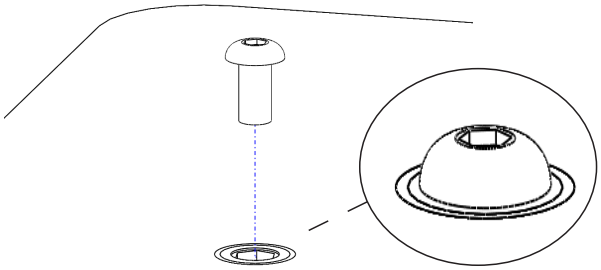
Once the desk-top is attached, tighten the the M6*10 screws you loosened in Step 2. Also place 4 more of these screws in the empty holes of the frame ends and tighten these well so the frame is rigid.

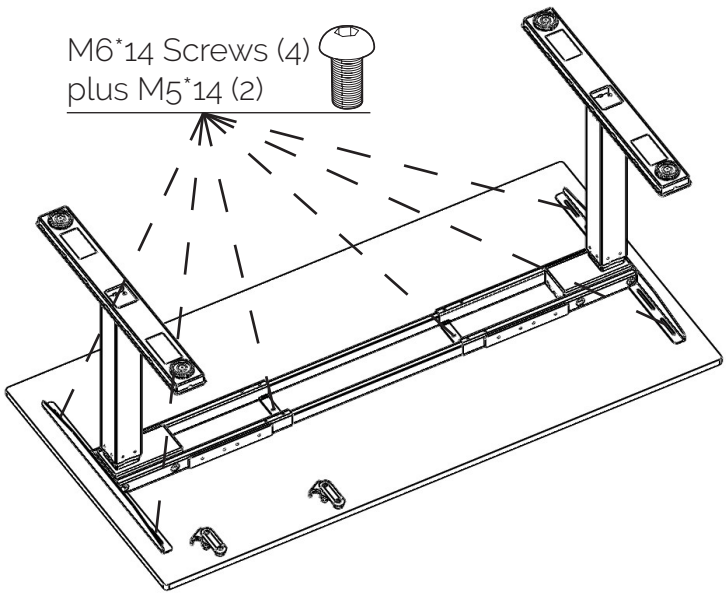
Now overturn your desk and continue to Step 14.

Step 13 (b)

Fitting a pre-inserted desk-top.

If your desk-top has inserts in place, this means at the factory we have installed metal components into the desk-top which allow the frame to be secured to the desk-top with engineering hex headed screws and not wood/self-tapping screws.

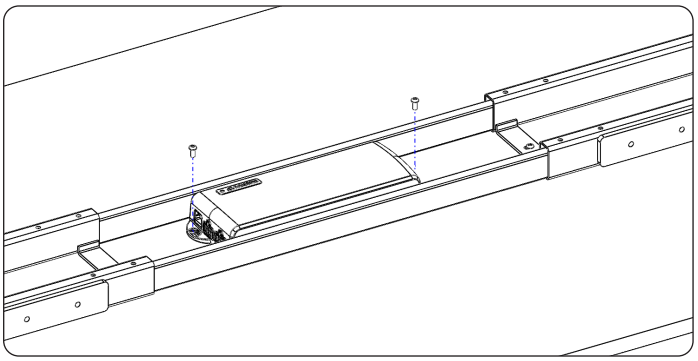




The screws referred to in this section are not in the screw pack but will be screwed into the inserts when the desk is delivered. You will need to remove them to complete the next sections.

First the frame is positioned by aligning the frame with the inserts. The frame can be attached to the desk-top by screwing 4off M6*14 into the bracket inserts and 2off M5*14 screws into the crossframe inserts.

Step 13 (b) Continued

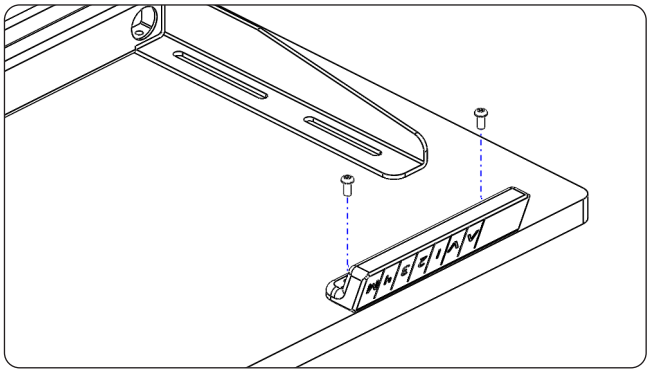


The control box and control panel can now be attached to the desk-top.

The control box is attached to the desk-top by screwing 2off M5*14 screws into it's specific inserts.

The control box is placed in between the support beams. This will allow the desk to be built in the most compact way possible.

Simiarly, the control panel is attached to the edge of the desk-top by screwing 2off M4*16 screws into it's specific inserts at the edge of the desk-top.

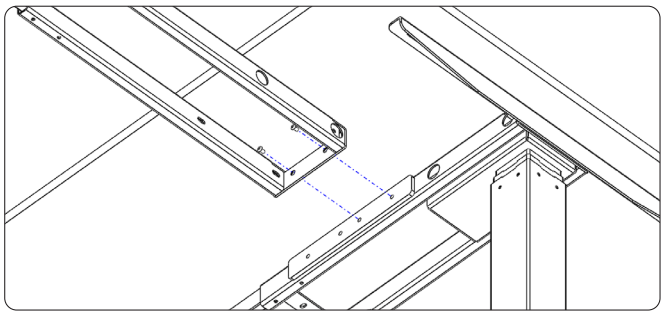


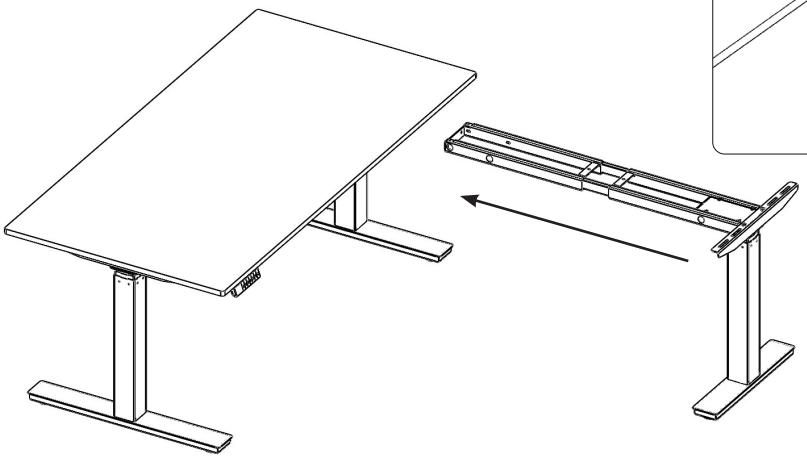
Once the desk-top is attached, tighten the the M6*10 screws you loosened in Step 2. Also place 4 more of these screws in the empty holes of the frame ends and tighten these well so the frame is rigid.

Now overturn your desk and continue to Step 14.

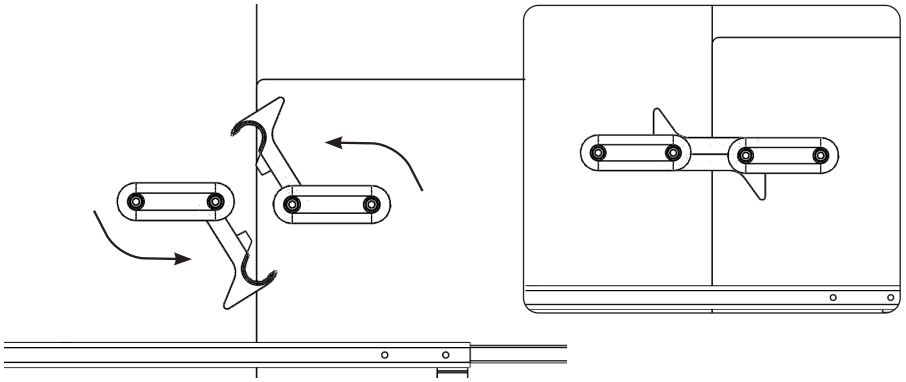
Step 14

Now we need to attach the side frame to the main frame and attach the side desk-top.



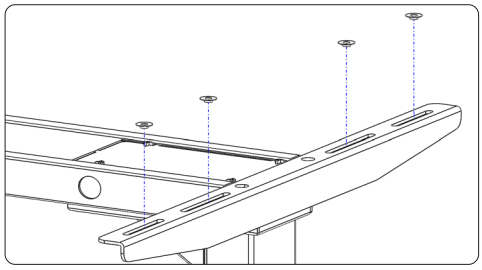


Attach the side frame to the main frame by screwing 2 M6*8 screws through the side frame and into the two end holes of the connector plates.

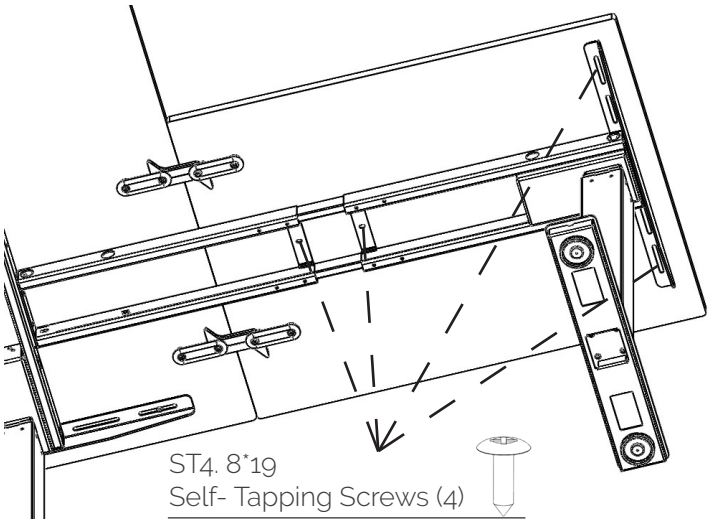


Hook together the connectors on the underside of the desk-tops.

For a pre-drilled desk-top:

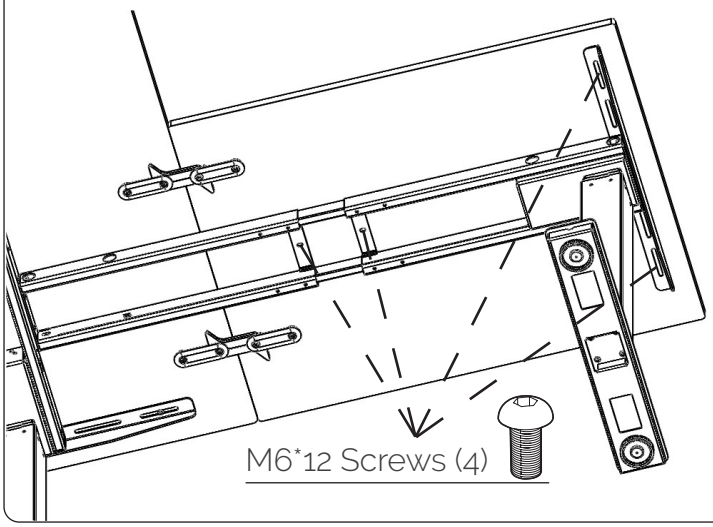


Ensure rubber cushions have been placed on the side arm bracket and the central holes of the side frame.



Align the holes and slots of the side frame with the pre-drilled holes of the desk-top.
Attach the side desk-top to the side frame by screwing 4 ST4. 8*19 self-tapping screws into the desk-top.

For a pre-inserted desk-top:



Align the holes and slots of the side frame with the installed inserts of the desk-top.
Attach the side desk-top to the side frame by screwing 4 M6*12 screws into the desk-top.

Once the desk-top is attached, tighten the the M6*10 screws you loosened in Step 7. Also place 4 more of these screws in the empty holes of the frame ends and tighten these well so the frame is rigid.

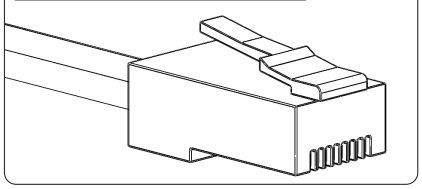
Congratulations. You have now completed Phase 2 of the assembly and can now move onto Phase 3.

PHASE 3 - We are going to connect the motors. This phase should take 5 - 10 minutes.

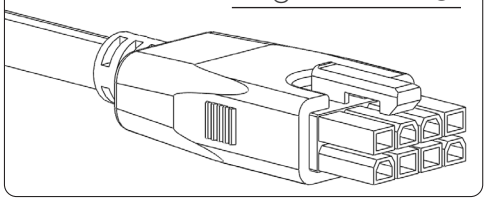
Step 15

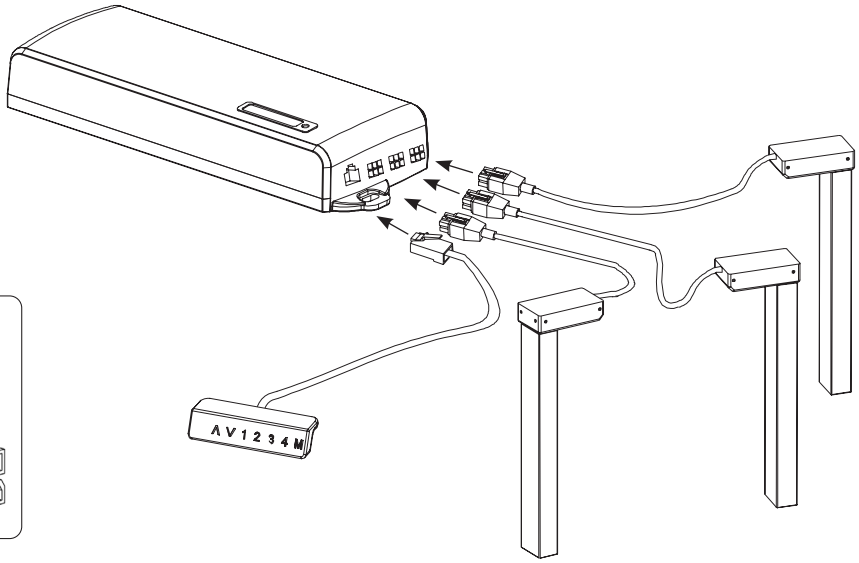
To ensure that your desk's height can be adjustable, the control box must be correctly connected to the leg modules, control panel and power supply.

Control Panel Cable



Leg Cables (x3)

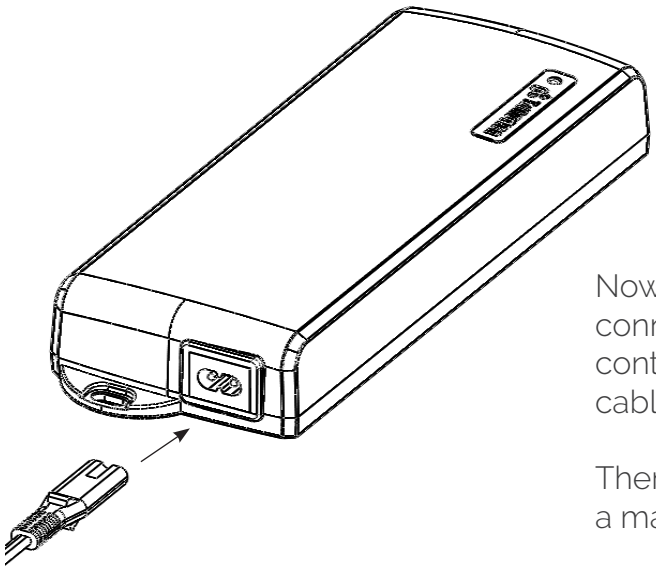




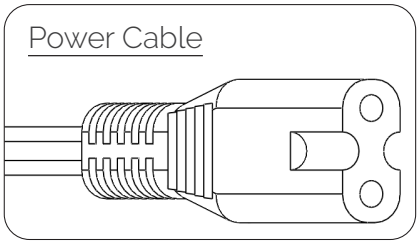
Note that the Control Panel Cable is already attached to the control panel and the Leg Cables are already attached to the legs.

Connect the control panel to the control box by plugging the loose end of the control panel's cable into the suitably shaped port. As shown.

Connect the three legs to the control box by plugging the two loose ends of the leg cables into the suitably shaped ports. As shown.



Power Cable



Now, on the other side of the control box, connect the power cable to the control box. This is done by plugging the power cable into the suitably shaped port. As shown.

Then, plug the other end of the power cable into a mains plug socket.

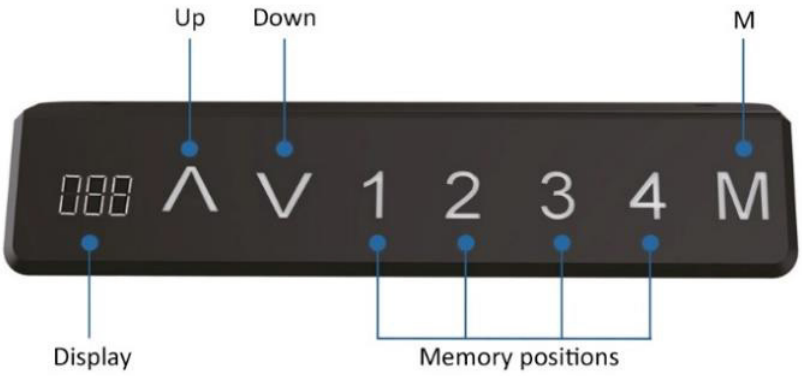
This will provide power to the desk's raising system.

Step 16

Setting up the desk's lifting system.

1. The set-up of your desk's lifting system must be done after the desk is built and before you begin using the desk. If you attempt to test the system with the control box loose you will find the anti-collision system kicking in and an error being shown. The control box and handset must be rigidly fixed to avoid this eventuality.

2. You must initialise/reset the desk before use.



Initialization of the system (reset):

1. Press and hold the "Up" and "Down" arrows until the frame has reached it's lowest position;

2. A 'beep' will sound to indicate to you that initalization is complete. Your lifting system will then be fully operational.

Setting the memory function:

1. Place the desk up or down to the desired position;

2. Press "M" until the display flashes, then press "1" to save position 1;

3. Repeat the procedure to save the other positions. (4 memory positions in total).

CM or INCH settings:

1. Press "1", "2" & "M" together for 5 seconds;

2. Then "CI" will flash on the display;

3. Press "1" for CM or press "2" for INCH

Step 16 Continued

Setting the minimum height of the desk:

This sets a height below which the desk will not go in normal operation. It is important to check it is set properly before placing objects below the desk. Gostand does not recommend placing objects below a desk that are greater in height than the desk absolute minimum height of approx 60cm.

1. Place the desk at the desired minimum height

2. Press the “Up” arrow and “Down” arrow simultaneously for 1 second before releasing the “Up” arrow and continuing to hold the “Down” arrow. Now while continuing to hold the “Down“ arrow press the “Up” arrow three times.

3. A beep will be heard signifying the minimum height has been set.

If “E00” shows during step 2 you have held the “Up” and “Down” button for too long and gone into reset mode. You will have to finish the reset and then re-start the procedure again from the beginning.

To remove this minimum height setting the desk must be moved to the minimum height previously set above. This is normally done by holding the down key until the desk will go no lower. Now carry out steps 1-3. Again at the end of step three a beep will be heard signifying that the minimum height has been removed.

Setting the maximum height of the desk:

This sets a height above which the desk will not go in normal operation. It is important to check it is set properly if there will be a height restriction above the desk.

1. Place the desk at the desired maximum height

2. Press the “Up” arrow and “Down” arrow simultaneously for 1 second before releasing the “Down” arrow and continuing to hold the “Up” arrow. Now while continuing to hold the “Up“ arrow press the “Down” arrow three times.

3. A beep will be heard signifying the minimum height has been set.

If “E00” shows during step 2 you have held the “Up” and “Down” button for too long and gone into reset mode. You will have to finish the reset and then re-start the procedure again from the beginning.

To remove this maximum height setting the desk must be moved to the maximum height previously set above. This is normally done by holding the up key until the desk will go no higher. Now carry out steps 1-3. Again at the end of step three a beep will be heard signifying that the maximum height has been removed.

Step 16 Continued

Test the ability of your frame by operating the buttons on the control panel.

Pressing the “Up” arrow will raise the frame.

Pressing the “Down” arrow will lower the frame.

Ensure that these actions occur when the buttons have been pressed. If the frame fails to adjust it’s height after the buttons have been operated, then please return to Step 15 and ensure you have followed the control box connection instructions correctly.

Additional information on your control panel is available in your Control Panel User Manual.

Congratulations. You have now completed Phase 3 of the assembly.

This completes the construction of your Triple Motor sit-stand desk.
Please do not dispose of this assembly instructions document.

If you have any questions, need any spares or require assembly assistance please contact us.

GOSTAND
SIT STAND DESKS

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