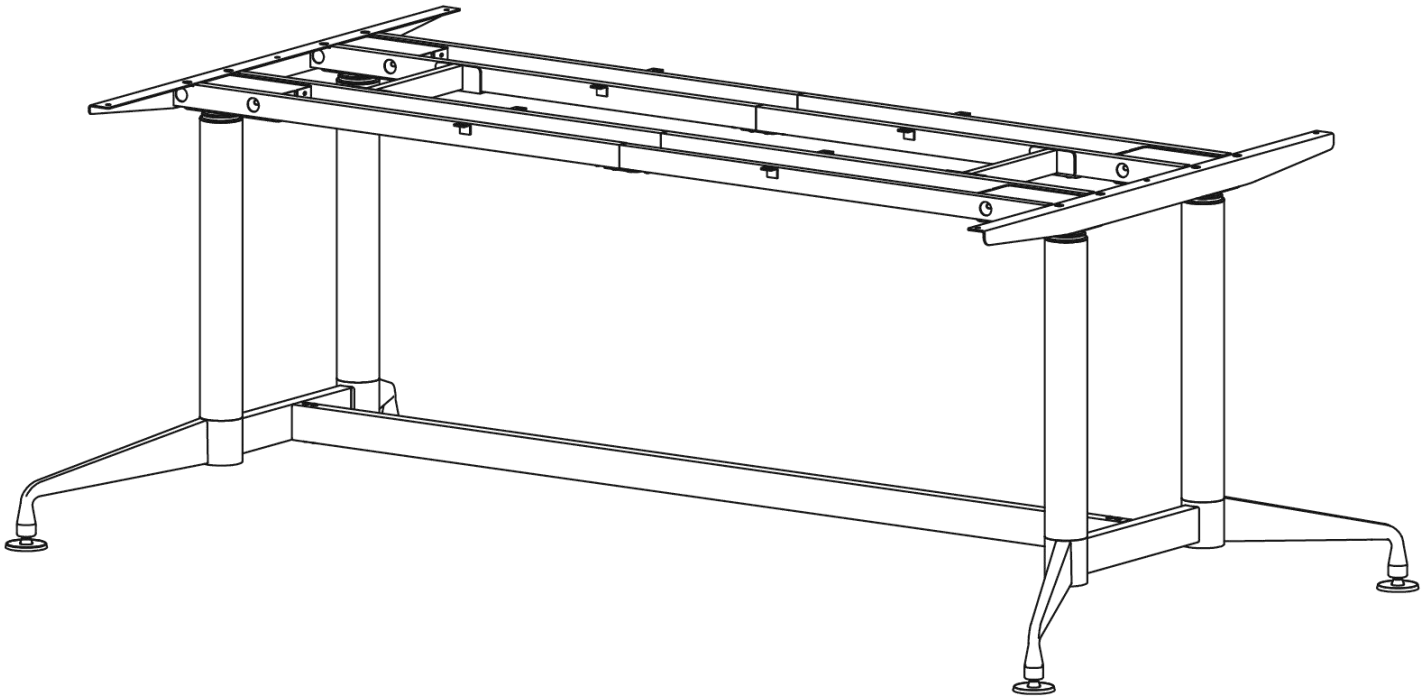
Vertilift

EXCELLENCE IN MOTION

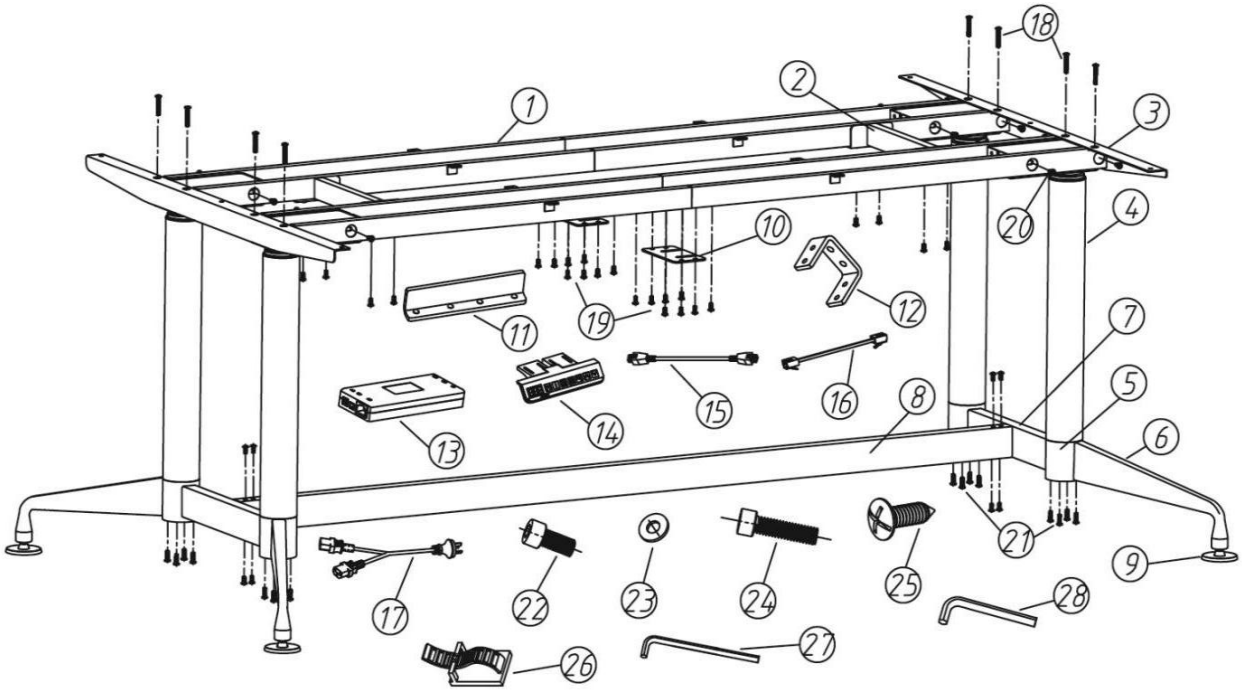


www.vertilift.com.au

Assembly and Operation Instructions

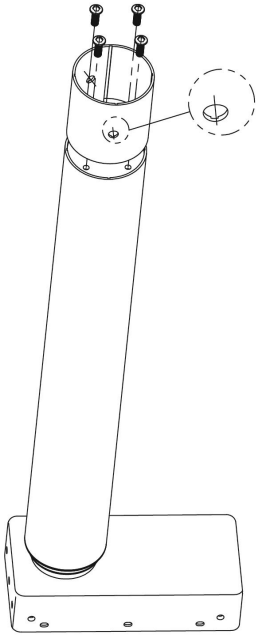
Vertilift Parts List

Part	Name	Qty	Part	Name	Qty
1	End Frame	8	15	Cable	4
2	Support Bar	2	16	Data Cable	1
3	Side Bracket	2	17	Power Cord	1
4	Lift Column	4	18	Machine Screws M6*35 Pack A	8
5	Fix Column	4	19	Machine Screws M6*10 Pack B	36
6	Foot	4	20	Machine Screws M6*12 Pack C	16
7	Short Cross Bar	2	21	Machine Screws M6*18 Pack D	16
8	Long Cross Bar	1	22	Machine Screws M8*16 Pack E	4
9	Leveling Feet	4	23	Washer	8
10	Control Box Hanging Plate	2	24	Machine Screws ST8*30 Pack F	4
11	L-shaped Support Plate	4	25	Wood Screws ST5*16 Pack G	16
12	U-shaped Connecting Block	2	26	Cable Clips	12
13	Control Box	2	27	4 mm Allen Key	1
14	Handset	1	28	6 mm Allen Key	1



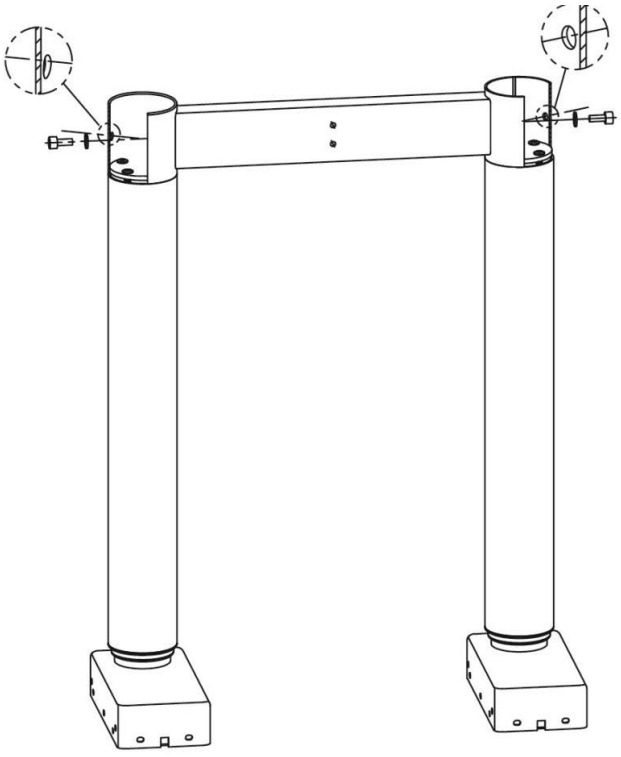
STEP 1

Fix the Fix Column(Part 5) on the Lift Column(Part 4) with 4 PCS M6 * 18mm Machine Screws Part 22 (Pack E), but do not tighten them for slight and adjustment in the later stage (The hole position on the fix column should face both sides, as shown in the figure).

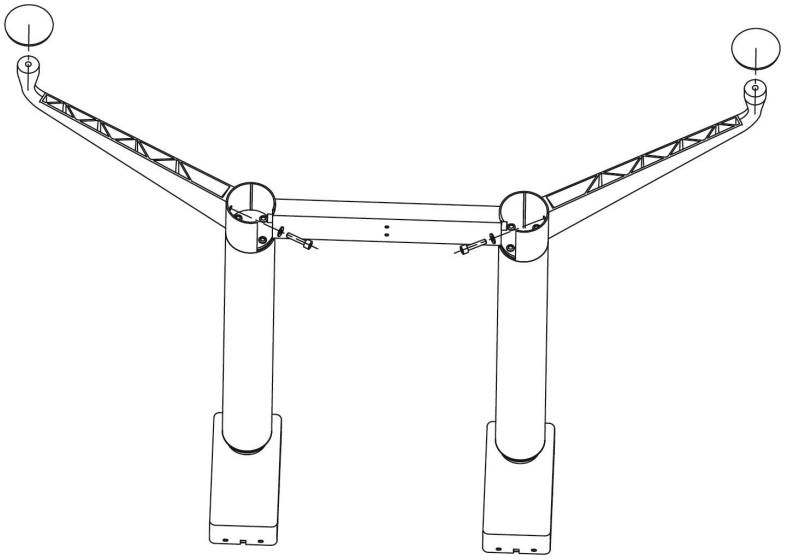


STEP 2

Fix the Short Cross Bar(Part 7) between the two Fix Columns (Part 5) with 2 PCS M8 * 16mm Machine Screws Part 21 (Pack D) and Washer(Part 23) (Note that the direction of the left columns should be consistent, and the threaded hole on the short cross bar should also be consistent with the direction of the left columns, as shown in the figure).



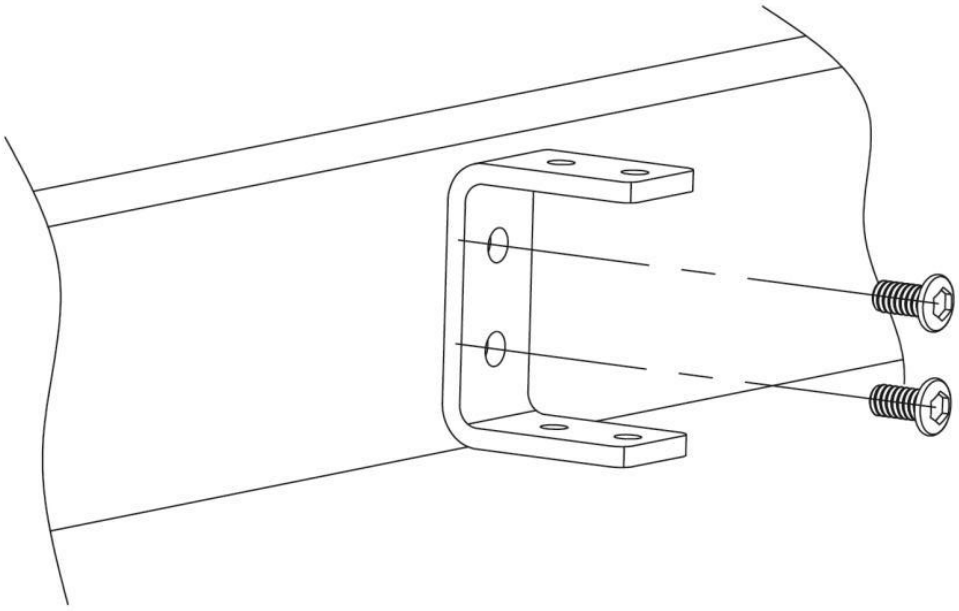
STEP 3



Fix the foot on the Fix Columns with 4 PCS ST8 * 30mm Machine Screws Part 24 (Pack F) and gaskets (as shown in the figure).

Position Leveling feet(Part 9) on the foot and tighten them.

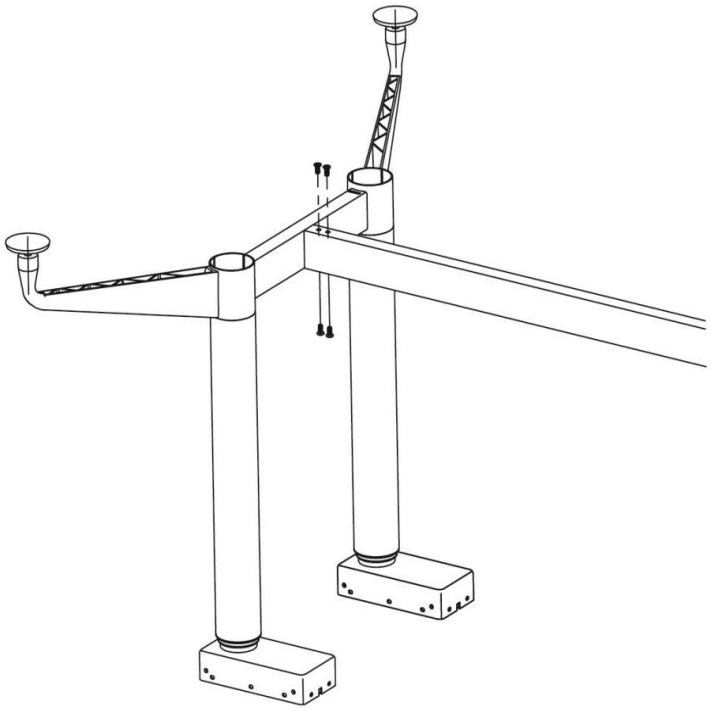
STEP 4



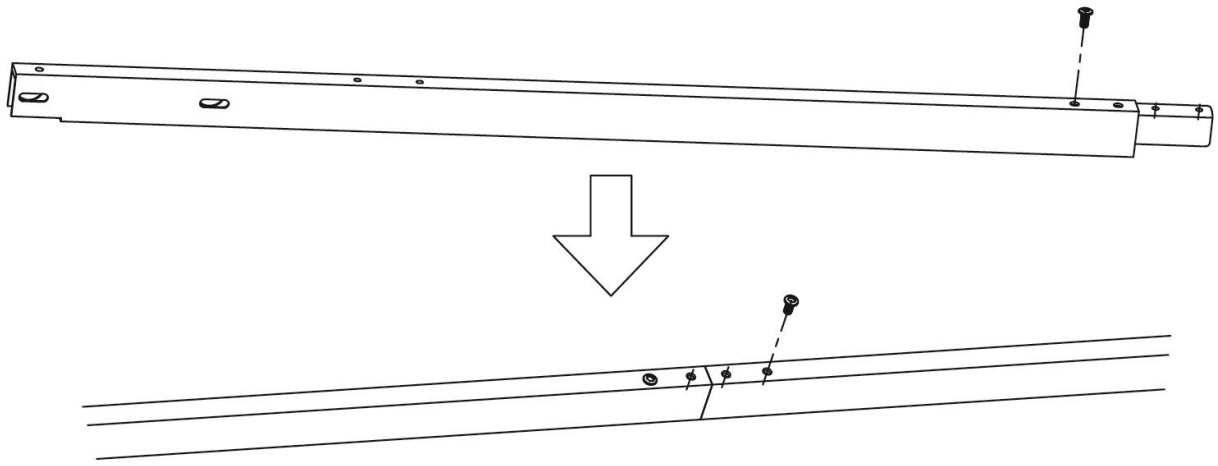
Fix the U-shaped Connecting Block(Part 12) on the Short Cross Bar(Part 7) with 2 PCS M6 * 10mm Machine Screws Part 19 (Pack B).

STEP 5

As shown in the figure, cover the Long Cross Bar(Part 8) on the U-shaped Connecting Block(Part 12) which fixed on the Short Cross Bar(Part 7) and fix it with 4 PCS M6 * 10mm Machine Screws Part 19 (Pack B).

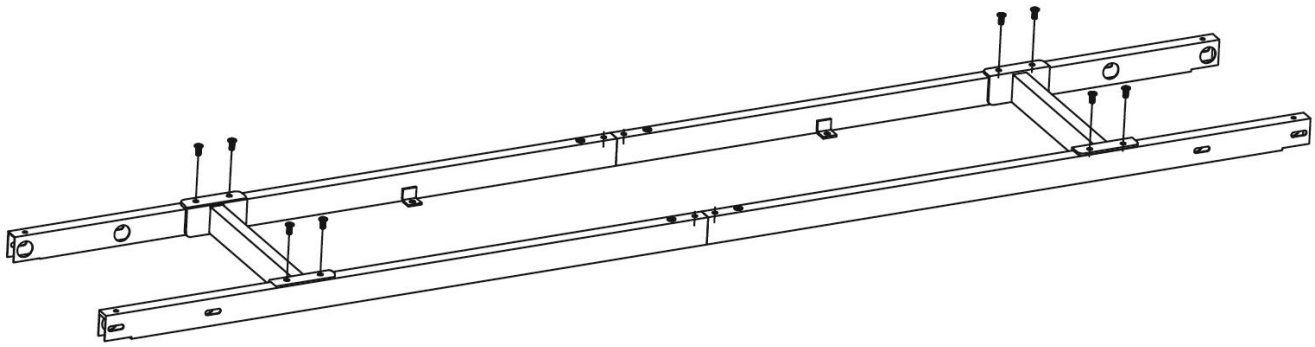


STEP 6



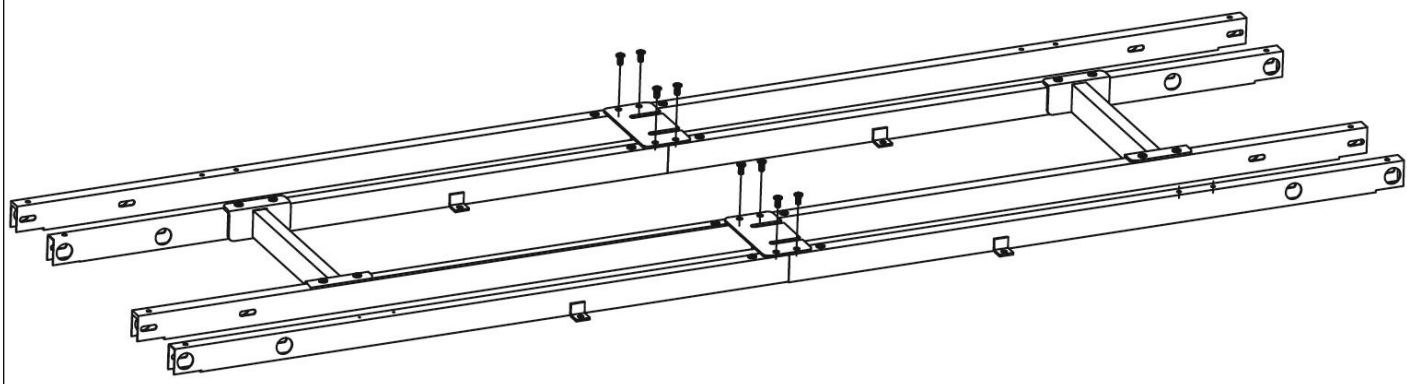
Connect the two End Frames(Part 1) with L-shaped Connecting Plate(Part 11) and fix them with 2 PCS M6 * 10mm Machine Screws Part 19 (Pack B). The rest of the End Frames are operated in the same way.

STEP 7



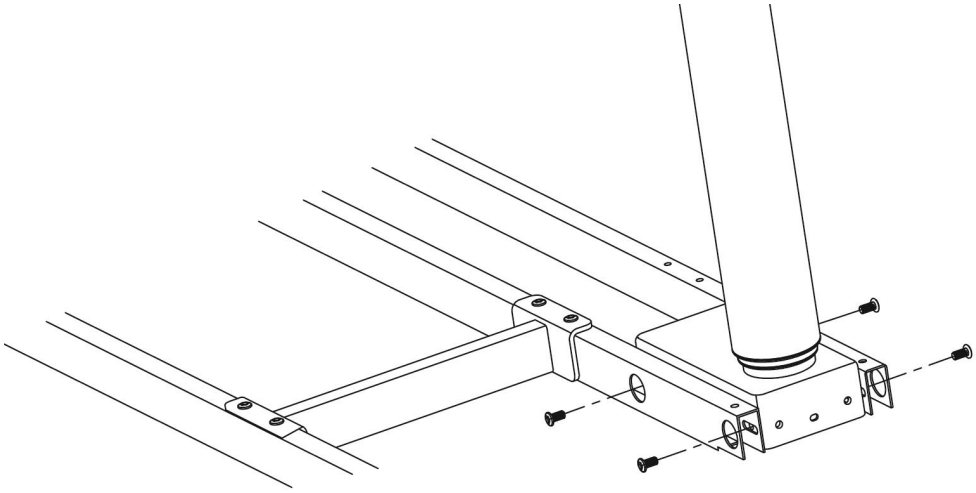
Fix 2 Support Rods(Part 2) on the End Frames(Part 1) with 8 PCS M6 * 10mm Machine Screws Part 19 (Pack B)(as shown in the figure).

STEP 8



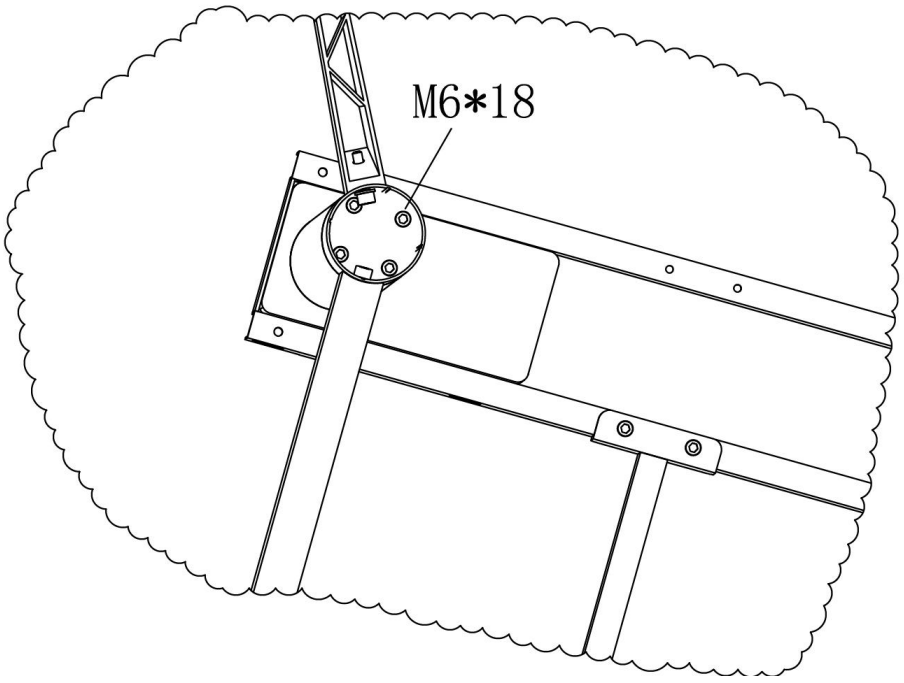
Fix the two Control Box Hanging Plates(Part 10) on the table frame with 8 PCS M6 * 10mm Machine Screws Part 19 (Pack B).

STEP 9



Fix the installed four legs on the End Frames with 4 PCS M6 * 12Machine Screws respectively.

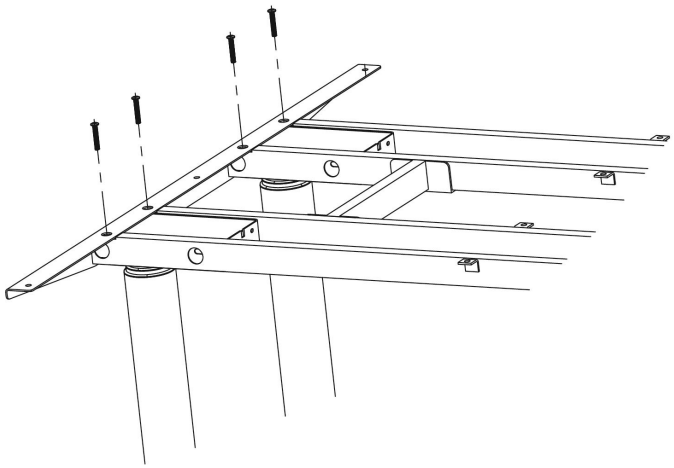
STEP 10



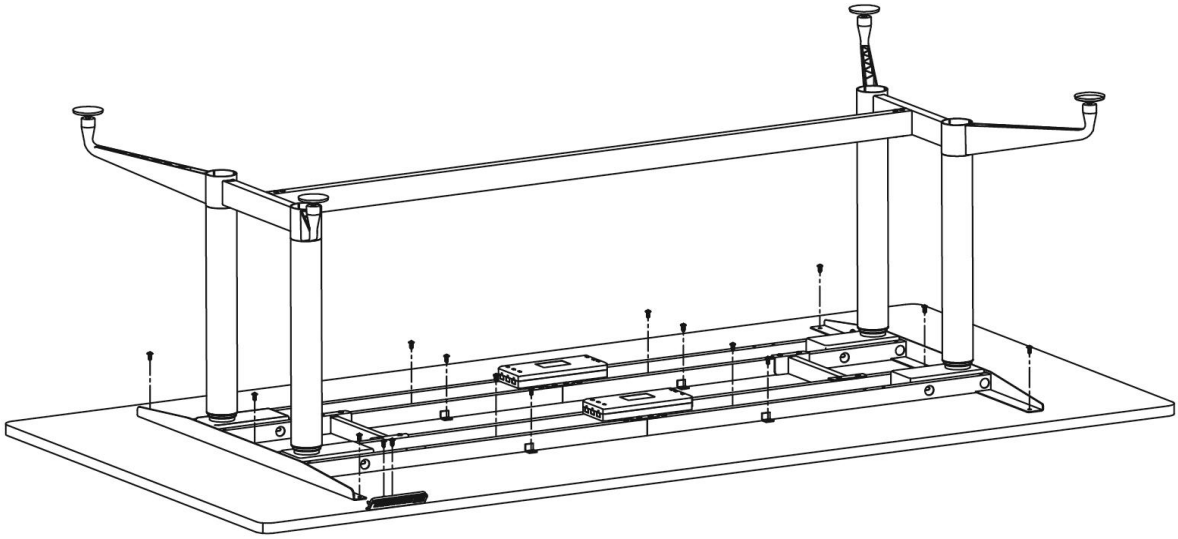
Tighten all the M6 * 18mm Machine Screws Part 22 (Pack E) that are not tightened in the Step 1.

STEP 11

Fix the Side Bracket on both sides of the table frame with 4 PCS M6 * 35mm Machine Screws Part 18 (Pack A) respectively.



STEP 12



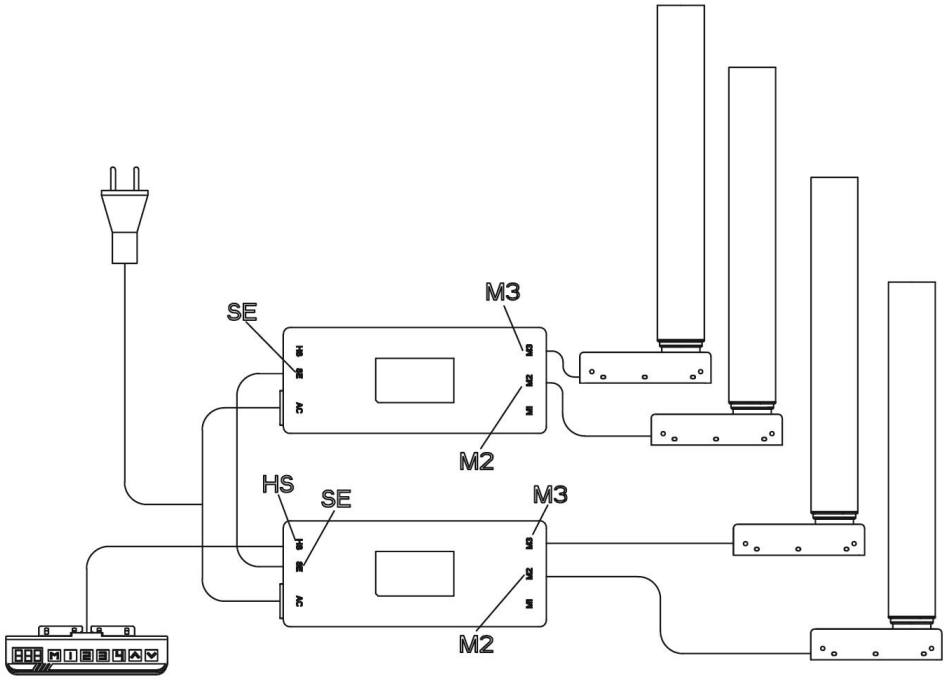
Check and make sure that the supplied ST5*16mm Wood Screws Part 25 (Pack G) are not too long for the top you are using.

Fix the frame to the top using 14 PCS 5mm x 16mm Wood Screws.

Attach the Control Box (Part 13) by sliding into the Control Box Hanging Plates(Part 10) on the table frame.

Place the Handset (Part 14) to the front of the desk top keeping it flush. Fasten the handset to the top using 2 PCS 5mm x 16mm Wood Screws.

STEP 13



As shown in the figure:

Connect the two Control Boxes(Part 13) with Data Cable(Part 16).

Connect Cables (Part 15) to the control box and then to each leg.

Connect the Handset (Part 14) to the control box.

Connect the Power Cord (Part 17) to the control box.

Secure all cables neatly using the Cable Clips (Part 26).

See user guide following.

RESET PROCEDURE:

Press and hold the down arrow on the handset until the desk reaches its lowest height. Release and hold the down arrow again until the display reads"RST"

You will hear 1 beep sound the frame will move down slightly then up. This completes the reset procedure.

OPERATION GUIDE

Adjusting the Height:

Press and hold the "∧" button to move the desk up.

Press and hold the" ∨" button to move the desk down.

Release the up or down button to stop the movement.

Memory Preset Positions:

Use the "∧" and "∨" button on the handset to find desired height.

Press the "M"button to save or memorize the height.

Then press a number (1 to 3) to save the location to that number.

Caution: Once preset button is pushed after saving, the desk will move to the programmed height.

RESET PROCEDURE:

Press and the DOWN button on the handset until the desk reaches its lowest height. Release and hold the DOWN button again until the LED display reads "RST"， you will hear the beep sound when it finished.

Warning:

Do not move the desk up and down continuously for more than 2 minutes without a 20 minute break to avoid exceeding the lift capacity.

To further avoid over loading the transformer, there is a protection program built into the software. If the desk stops working and

"E09" displays. Let the desk cool of before trying to move the desk again.

OPERATION GUIDE

Error Code Key

Code	Meaning	Suggested Actions
E01	High voltage of power supply	Check the power supply
E02	Unbalance more than 10mm	Try to reset the desk
E03	Unconnected to the handset	Plug into the control box
E04	Miscommunication of handset	Check if handset is connected
E05	Resistance	Release then use again
E06	Error on main power	Change the Control box
E07	Protection of power supply	Release then use again
E08	Unbalance of the tabletop	Try to reset the desk
E09	Overheated; Or duty cycle limit was reached	Let the desk cool down for 20 minutes then start to use.
E11/21	Unconnected with motor M1/M2	Check the cables
E12/22	Communication Error	Change the control box
E13/23	Lose phase line with motor M1/M2	Check the cables
E14/24	Faulty hall plate	Change the hall plate
E15/25	Short circuit	Change the motor M1/M2
E16/26	Motor blocked	Release then reset the desk
E17/27	Fauty motor	Change the motor M1/M2
E18/28	Overloaded	Reduce weight on the frame