

# Agile Pro

Electric 3 Column Double Sided Desk - Foldout Leg

## Assembly Instructions

**Tools Required:** Powered Screwdriver & Tape Measure





### IMPORTANT!

Please carefully read the assembly manual and direction for use prior to installment, use and maintenance of the table frame to gain a complete understanding of its contents. It provides you with important information about the safety, use, installation and maintenance of the table.

**WARNING: FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY AND OPERATION INSTRUCTIONS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS BODILY INJURY.**

### SAFETY

- The table must be used in a safe manner. Inappropriate use may cause damage to the table and/or cause bodily harm to the user or persons nearby.
- Do not tamper with electrical components as this may lead to serious bodily harm.
- Only connect the electric table frames to the prescribed mains power voltage.
- Do not use the table frame to lift people.
- Working environment temperature 0-40°C, keep products away from corrosive gas, liquid and dusty objects.
- It is strictly forbidden to disassemble the products privately to avoid that the failure of the products or the damage to the human body caused by electronic products, etc.
- Ensure no obstacles are in the desk's path, and no objects above 20" under the desk.
- Keep children and pets away from the electric high-adjustable desk during the operation. Unplug the power cord during a thunderstorm or if you do not intend to use the desk for long time.
- Please retain this operation manual and pass it on to any future owner.

### USAGE

- It is necessary to be reset manually after initial installation or power off.
- The height-adjustable table is designed for use in dry work environments only.
- The table height is infinitely adjustable within its height range so that it can be set to the user's most ergonomic working height. The user should seek professional help to establish their optimum working height.
- The table has been designed as a device to elevate the users work surface and associated office peripherals. Do not use the table frame for any other purposes than that which it has been designed for. Any other use is at user's own risk!
- Do not crawl, lie or move around under the table frame, and do not sit or stand on the table frame.
- CHILDREN should only use the table when supervised by adults.
- Liability: The manufacturer accepts under no circumstances warranty claims or liability claims for damages arising from improper use or handling of the table frame other than that described in this operation manual.
- Although the product has an anti-collision function, in order to avoid any pinching, please ensures that hands or other parts of your body are in a safe position during the operation. Anti-collision is not enabled during all resets.

### SET UP AND INSTALLATION

Assemble the table frame according to the following pages in this assembly instructions guide.

- Place the table in a safe distance from walls, window frames, radiators, furniture etc. so that persons cannot become trapped.
- Level the table with the adjustable feet ensuring that the table is stable.
- Check that no cables can get jammed.
- To prevent possible scratches or damage, assemble the desk upside down on a soft surface such as a blanket, carpet or packaging.

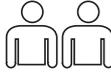
The table is now ready for use.

### MAINTENANCE

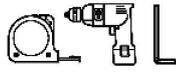
- The table does not require any maintenance by the user.
- The table is only to be cleaned with a wrung cloth.

**20**  
min

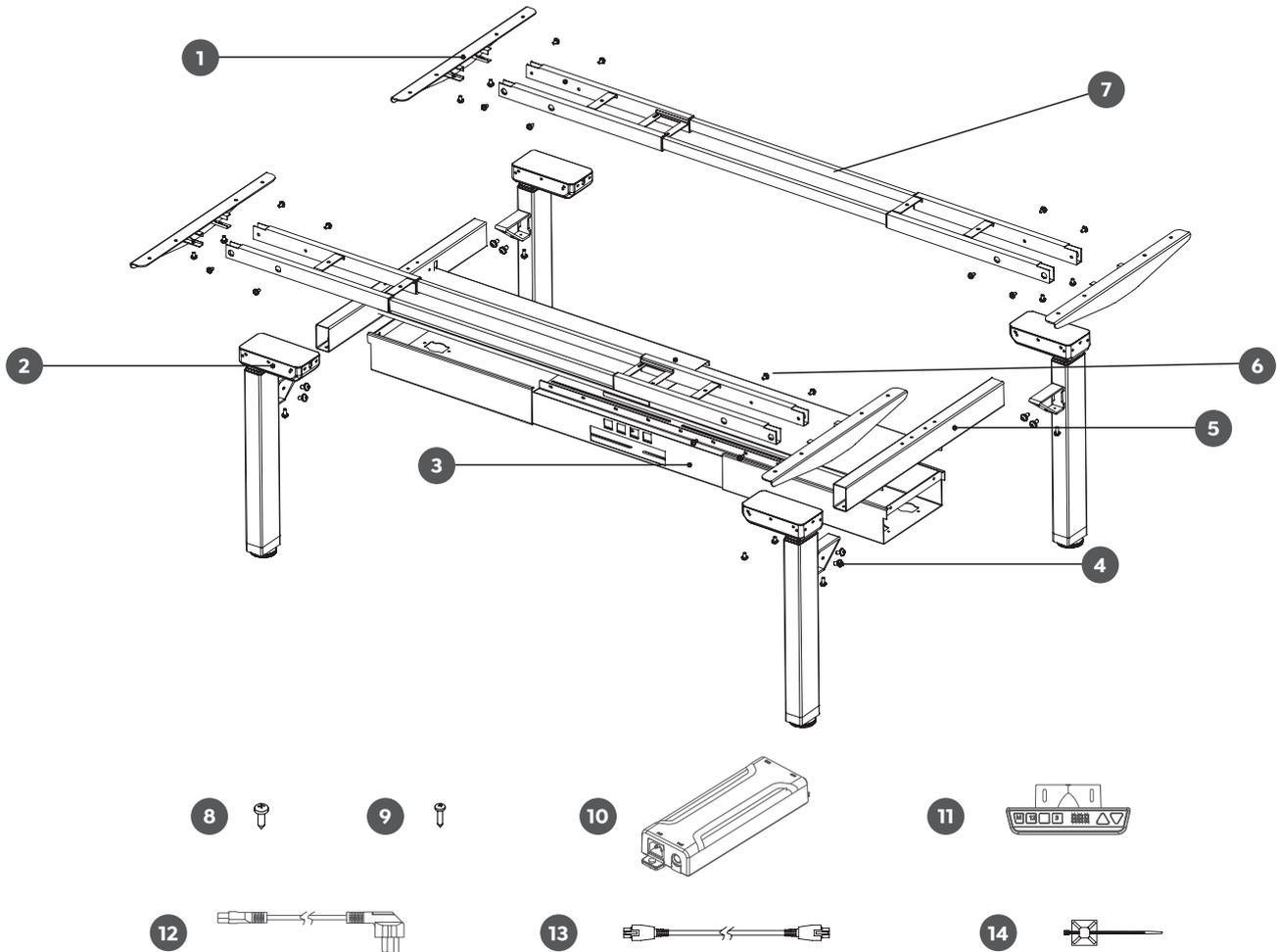
**Assembly Time**



**Two People**



**Tools**

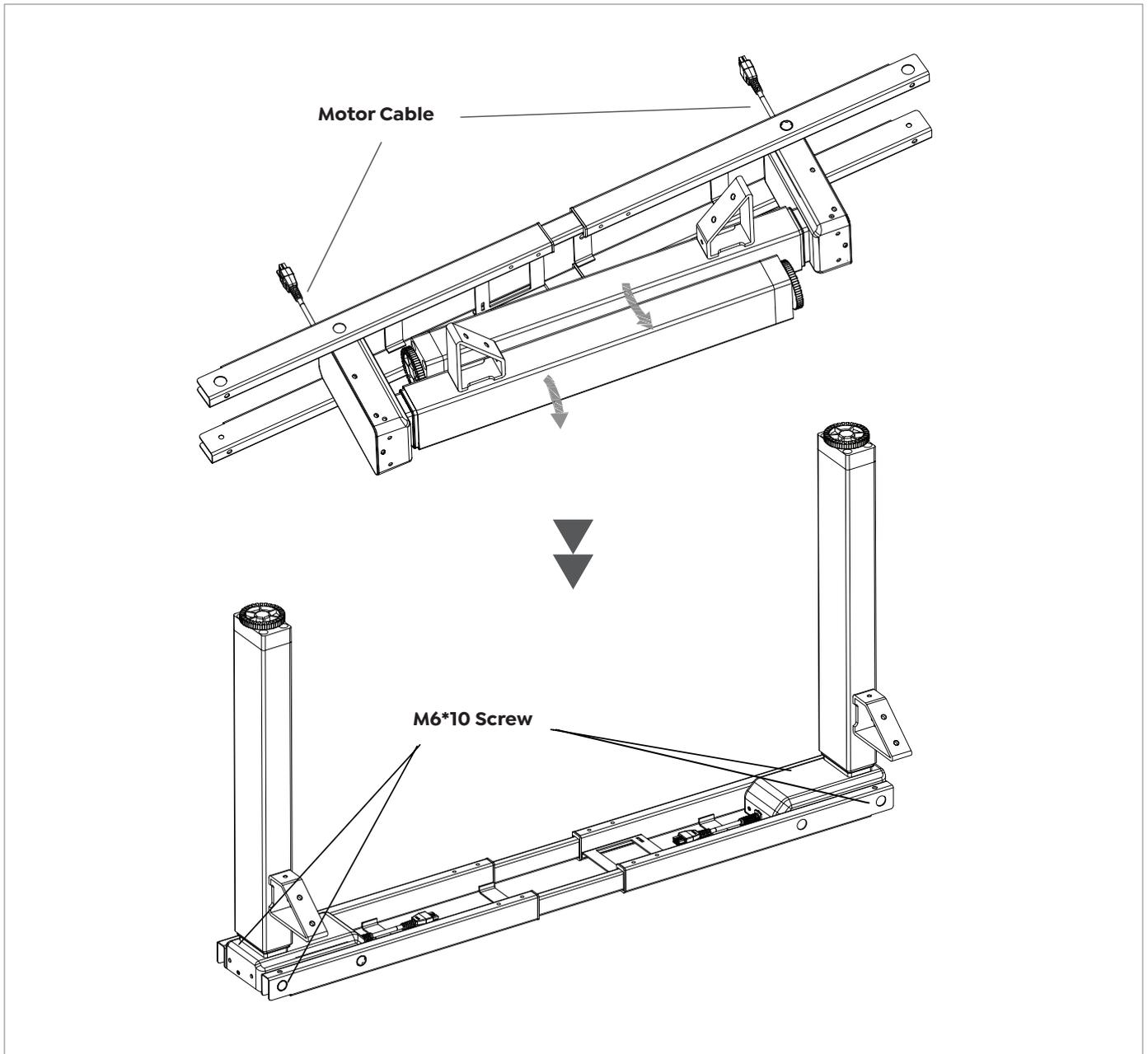


	Part Name	Qty (PCS)
1	Side Bracket	4
2	Column	4
3	Cable Tray	1
4	M8*18 Counter Sunk Head Screw	8
5	Side Rail	2
6	M6*10 Screw	36
7	Adjustable Frame	2

	Part Name	Qty (PCS)
8	ST4.8*16 Tapping Screw	22
9	ST3.5*16 Tapping Screw	8
10	Control Box	2
11	Handset	2
12	Power Cord	2
13	Extension Cable	4
14	Cable Clip	8

### Step 1

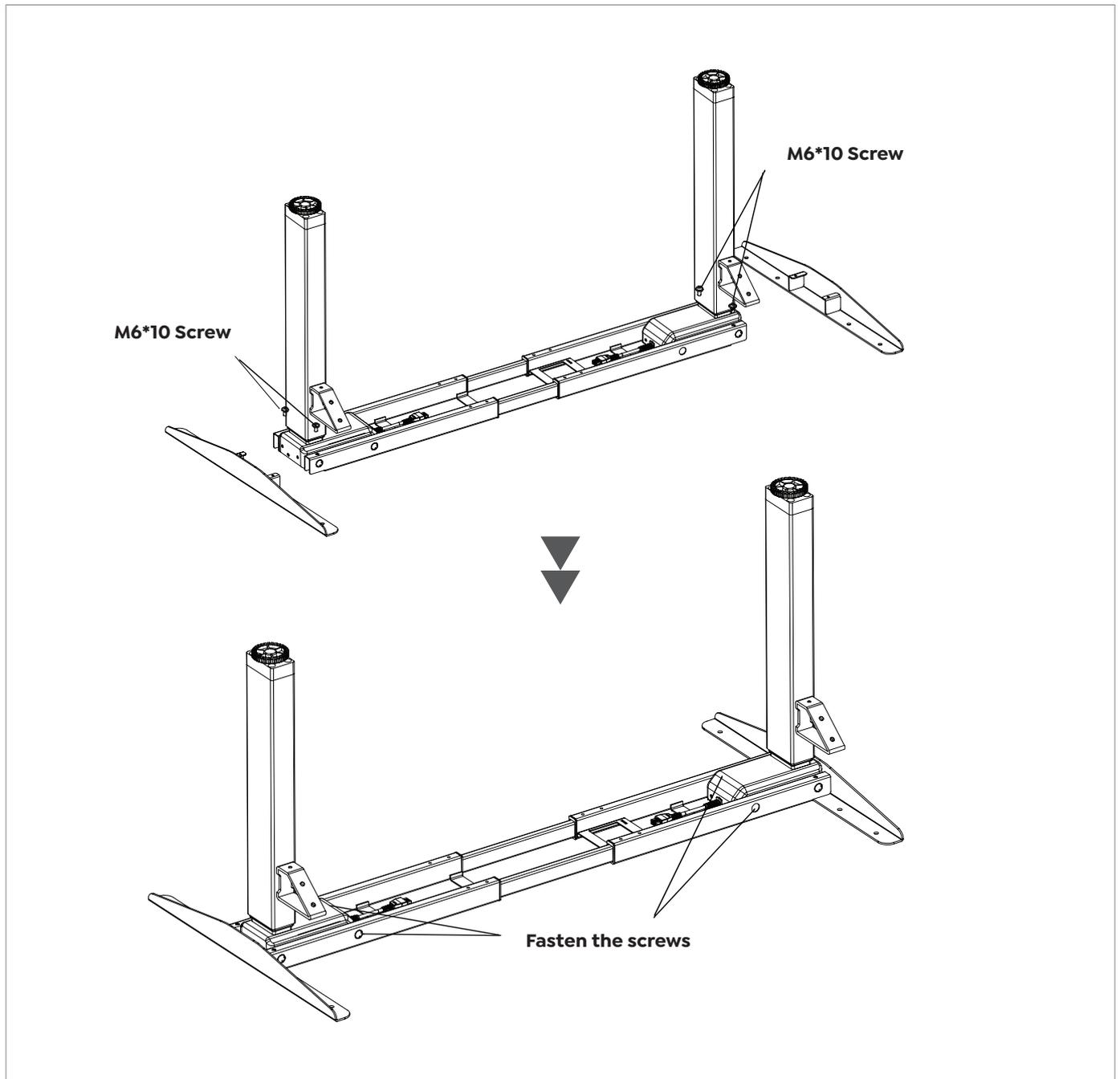
- The double sided desk consists of two identical single sided desk systems.
- Take out one side frame and set the frame flat.
- Unfold the left and right column respectively.
- Line up the screw holes on the frame and columns. Install the frame screws.
- The installation method on the other side frame is the same.



**i** Unfold when laying down. Avoid damaging the motor cables.

## Step 2

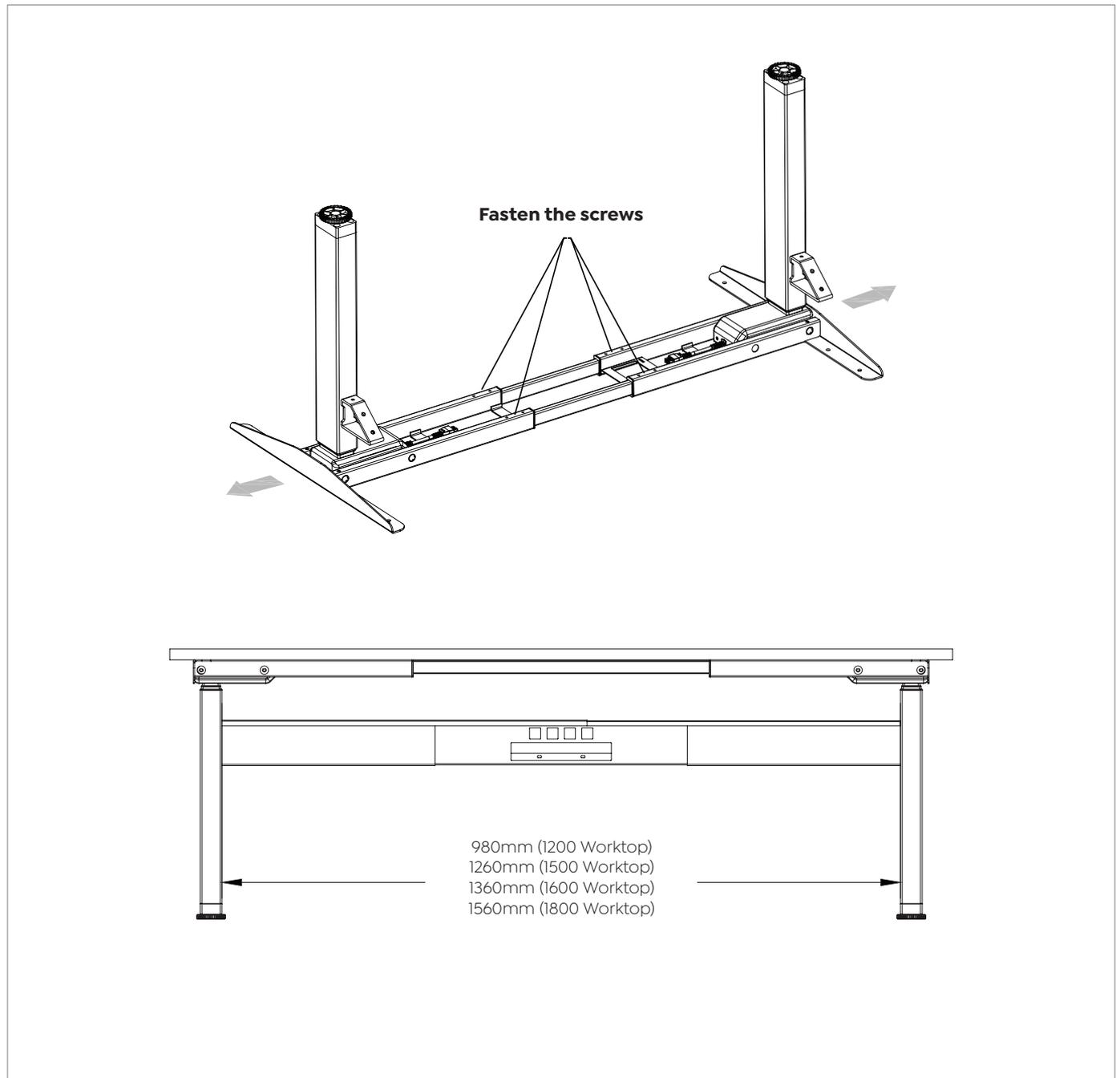
- Place the side brackets onto the frame.
- Install the bracket screws and fasten the frames pre-installed screws.
- The installation method on the other side frame is the same.



**i** Avoid excessive tightening of screws.

### Step 3

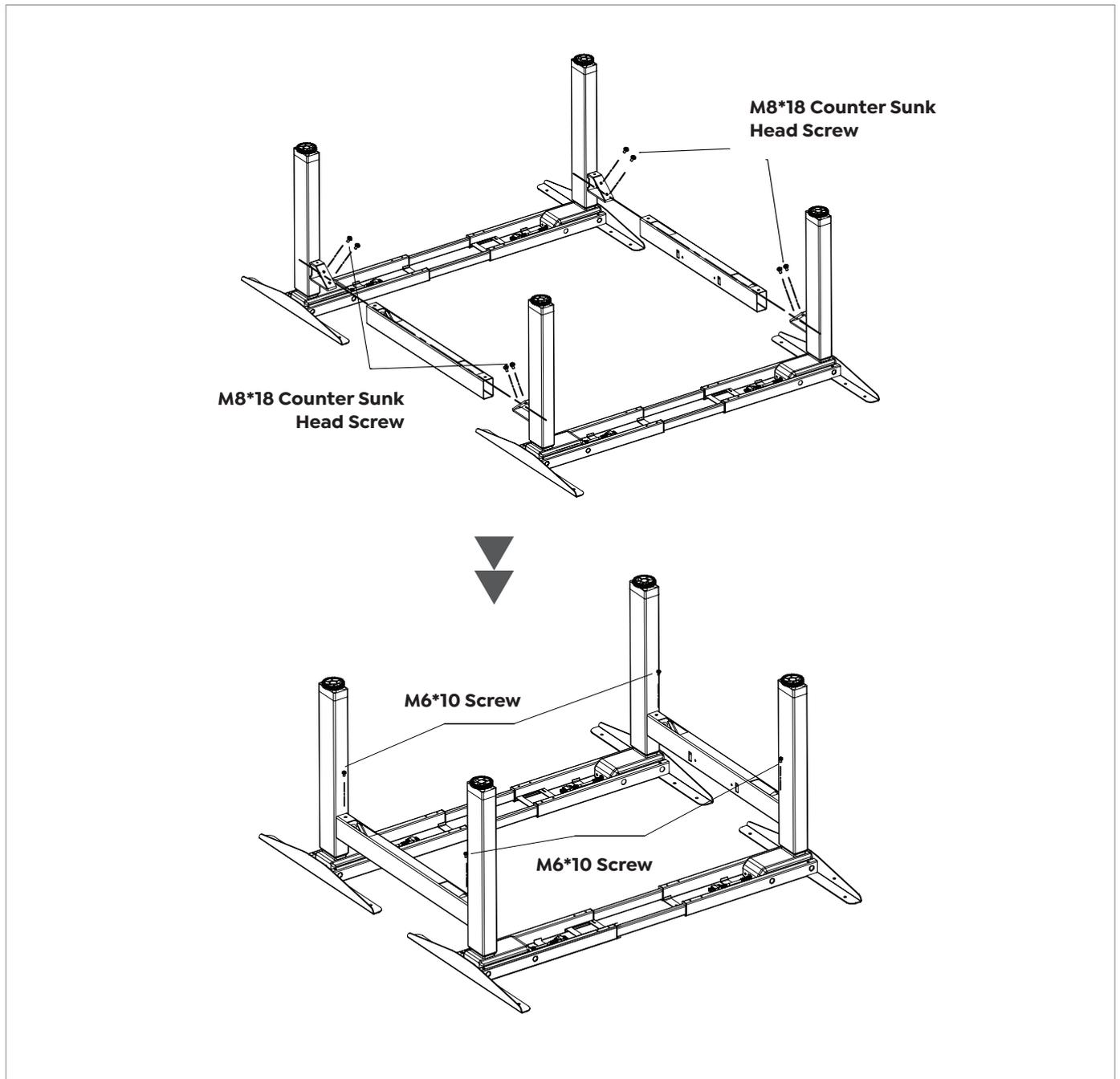
- According to the size of the desktop, adjust the frame to a suitable width (it is suggested that the below measurements are followed when setting the column spacing) and fasten the frame screws.
- The installation method on the other side frame is the same.



**i** Avoid excessive tightening of screws. Both sides of the desk must be adjusted to the same width. The frame width is adjustable: 1100 - 1800mm, which is suitable for different desktops.

## Step 4

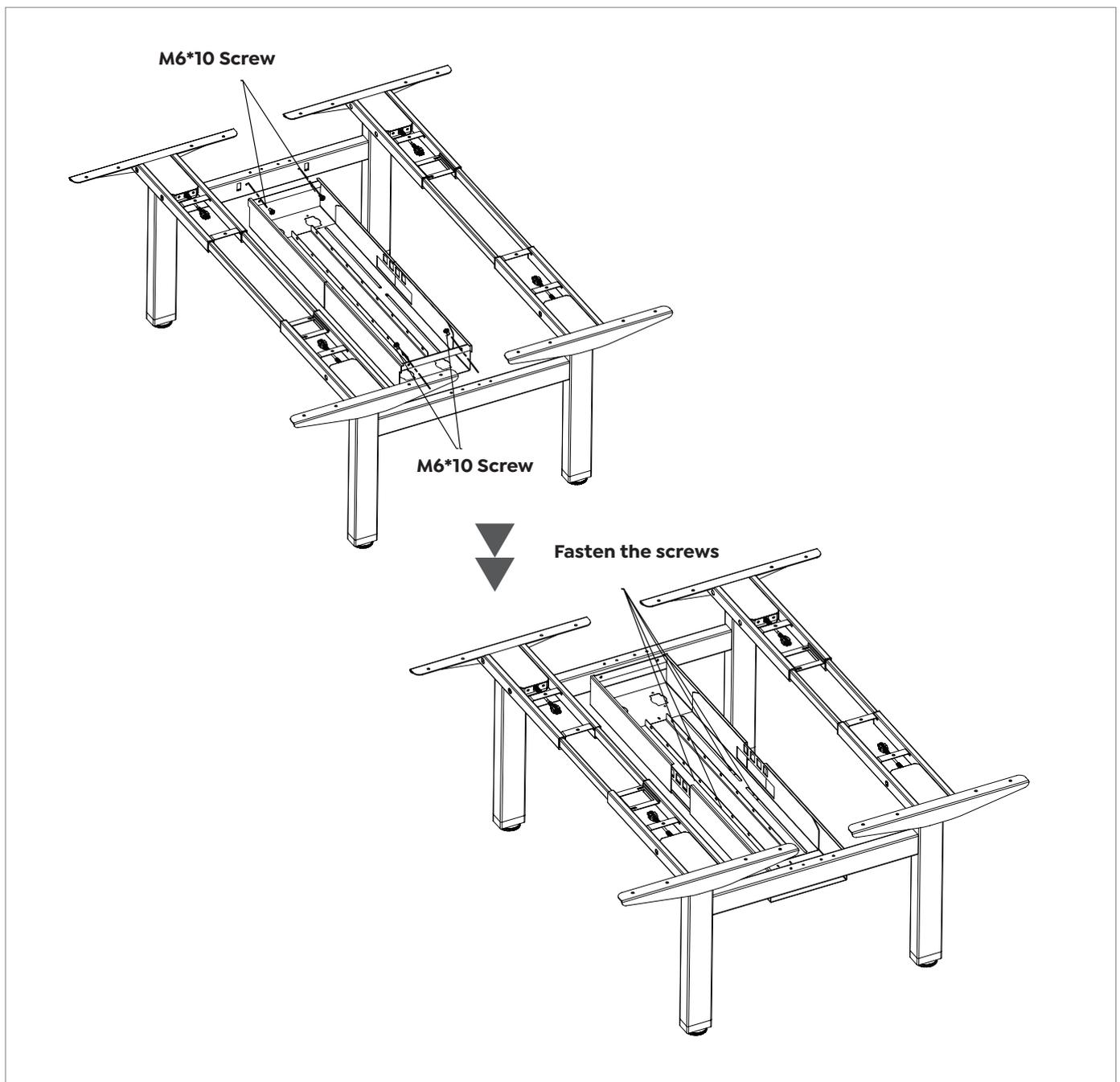
Connect the side rail on one side to the columns and fasten the screws, and then install the other side rail on the other side in the same way.



**i** Avoid excessive tightening of screws.

## Step 5

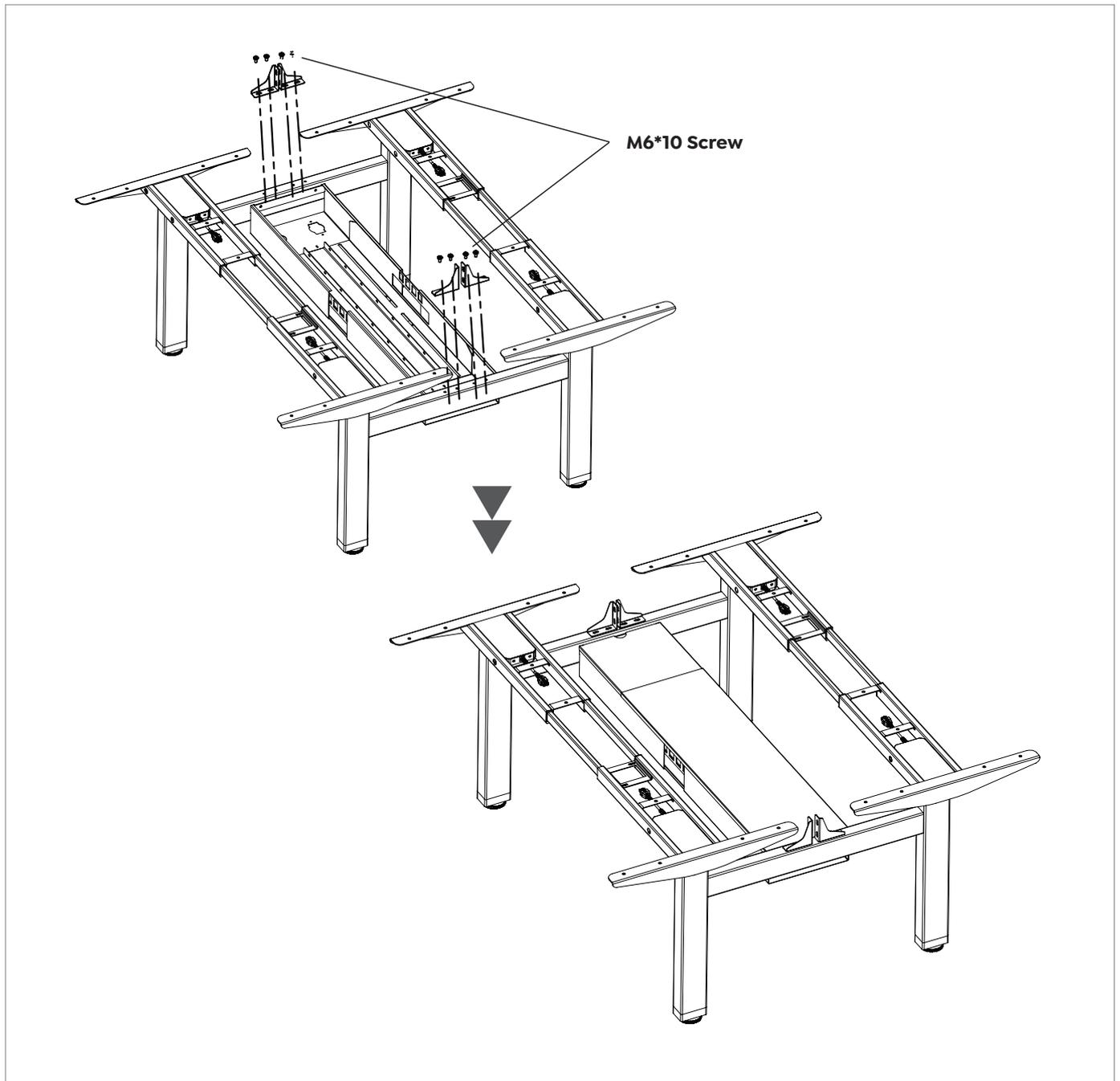
- Turn the frame upright.
- Take out the cable tray and remove the cover.
- Insert the cable tray into the side rails and fasten the screws.



**i** Avoid excessive tightening of screws.

## Step 6

- Installing screen - fix chosen screens brackets (purchased separately) to the side rails and fasten the screws.
- Place cable tray cover on top of cable tray.



**Avoid excessive tightening of screws. Related screws and screen brackets together.**

## Step 7

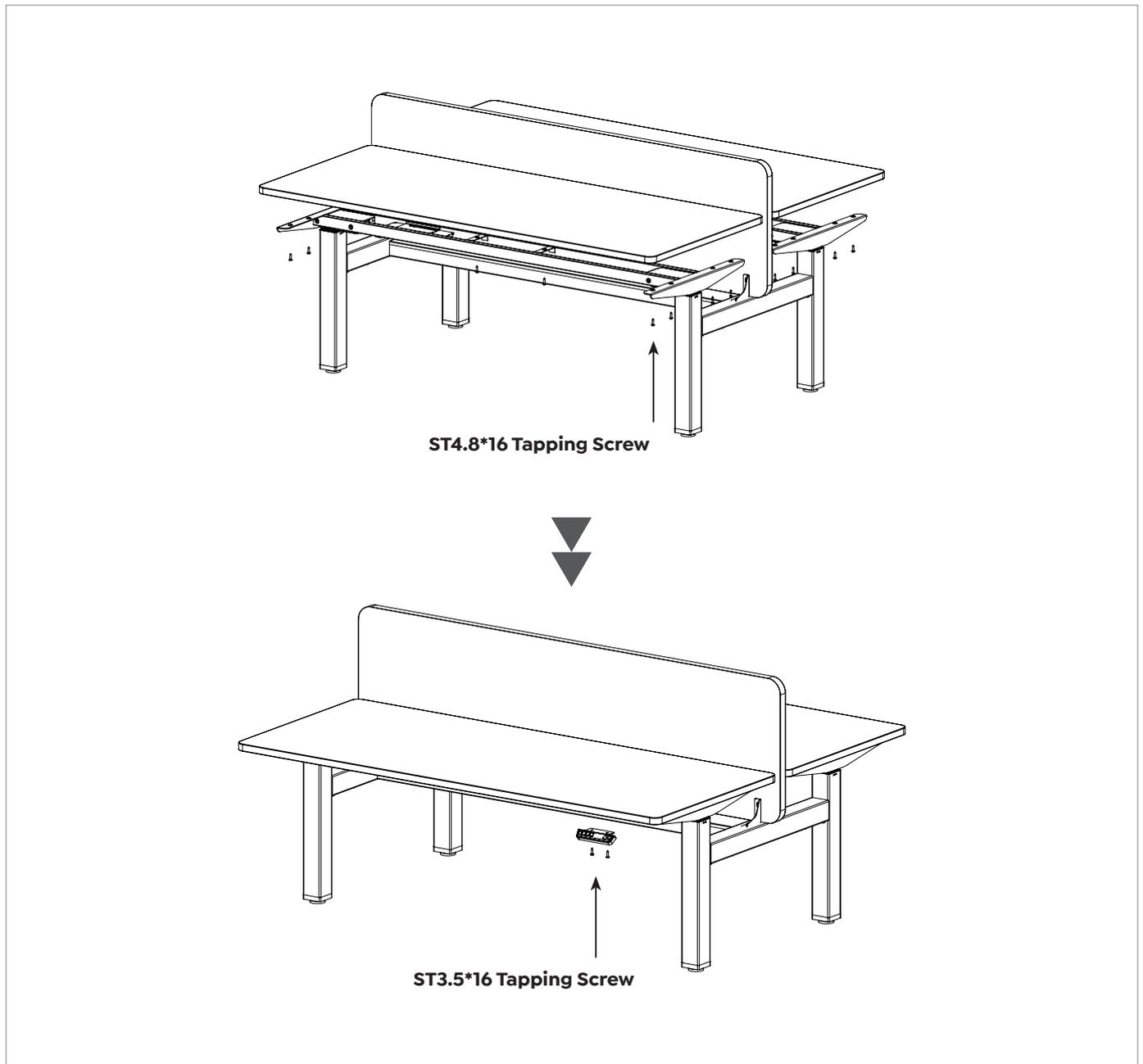
Install screen (purchased separately) with screen brackets and fasten the screws.



**Avoid excessive tightening of screws. Related screws and screen brackets together.**

## Step 8

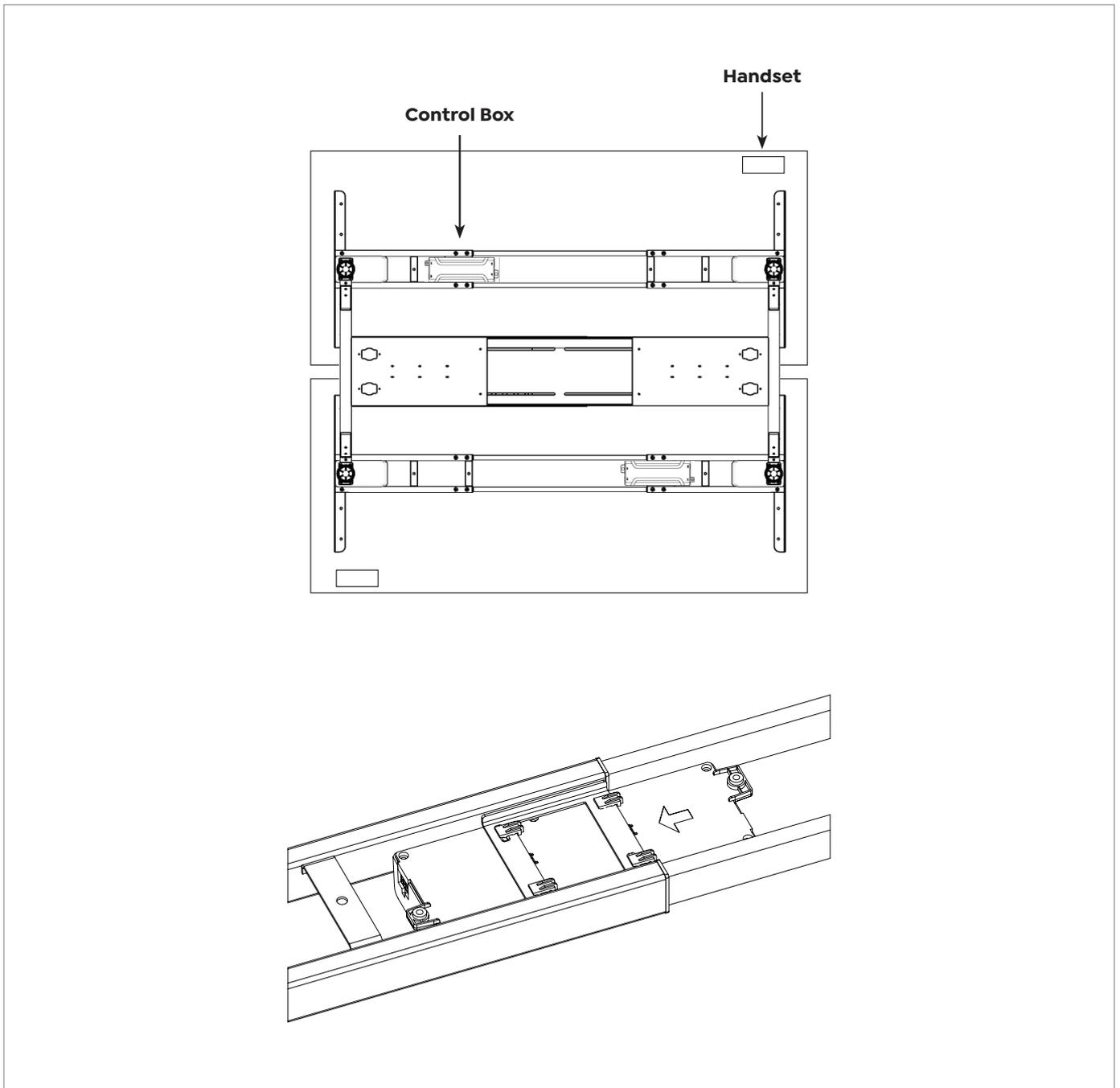
Check both sides of desktop before placing the bottom side of the desktop on the frame (it is suggested that the screen should be 20mm from the edge of the desktop) and fasten screws. Install handset in a suitable position underneath desktop edge to avoid interference with humans or chairs, display screen facing out and fasten screws.



**i** Avoid excessive tightening of screws.

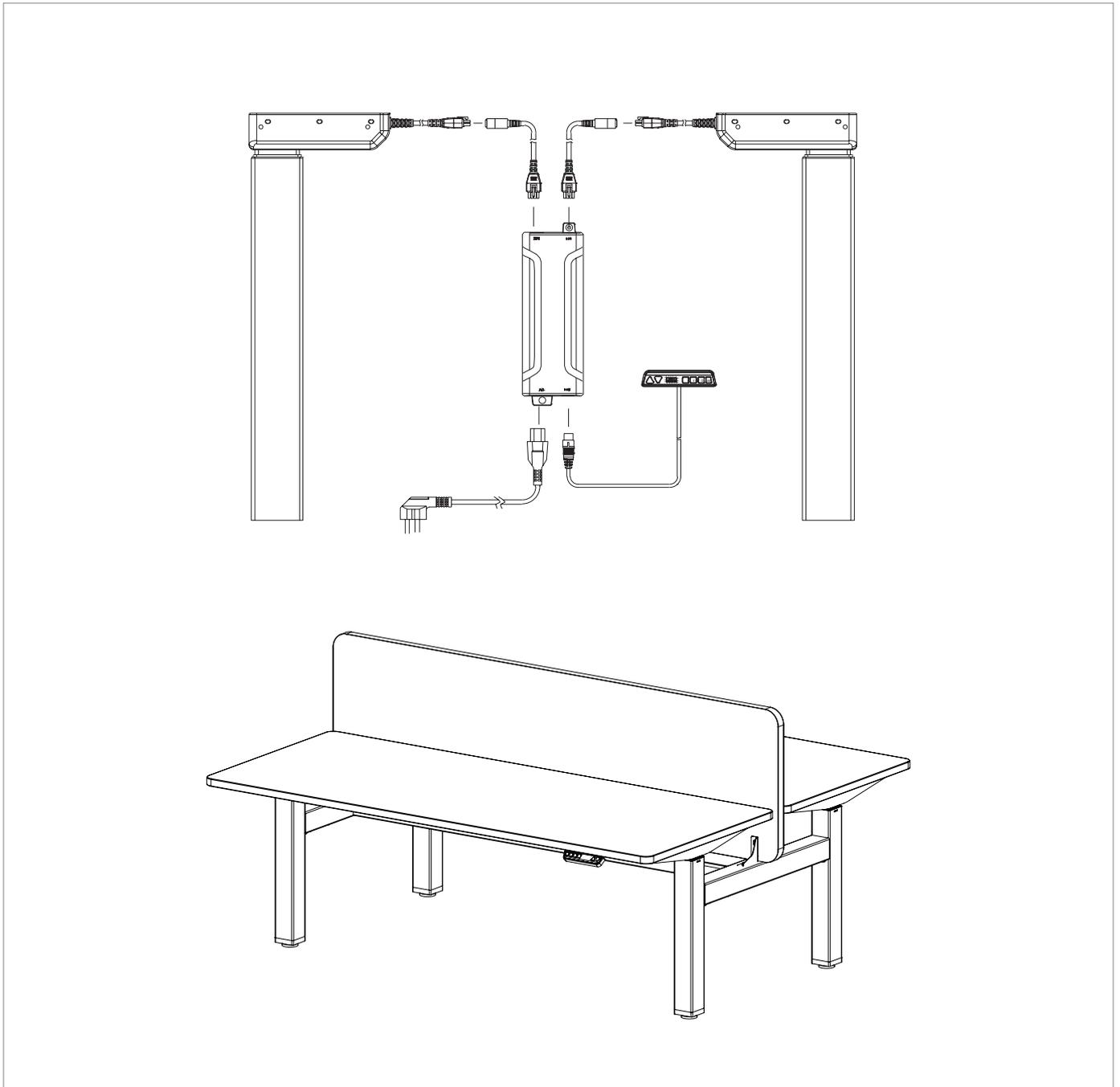
## Step 9

Install control boxes on the frame (see below diagram).



## Step 10

As shown in the below, connect related parts, including control box, handset, extension cable and power cord etc. and fasten with cable clips.



**Cables are for illustrative purposes only. Do not attach cables until assembly is complete.**

**You must perform a Manual Reset Procedure before using the whole system for the first time.**

## Initial Setup Procedure & Manual Reset

### NOTICE

Operating the desk system when it is not properly connected can damage the product.

- Ensure all cables are properly connected
- Ensure that all required actuators are ready to be operated
- Do not operate the desk system until it is properly connected
- The 'Manual Reset Procedure' is used to align the position of the actuators within the desk system.

### CAUTION

#### Risk of minor or moderate injury through crushing.

Anti-Collision system is inactive during start-up and reset processes. This may lead to minor or moderate injury through crushing. Ensure that no persons or objects are in the desk's range of motion.



 rES	1.	Keep pressing DOWN key till the handset display shows "E-1" and "rES" alternately and release the key.
	2.	Keep pressing DOWN key, the desktop will move slowly down and return back till the display shows "060".
	3.	Release the DOWN key. > Now the electric height-adjustable desk can be used normally.

## Adjusting the Desktop Height

### CAUTION

#### Risk of minor or moderate injury through crushing.

Your fingers may be crushed when you attempt to change the height of the table.

- Keep fingers away from moving parts
- Ensure that no persons or objects are in the desk's range of motion

### INFO

The desktop will move up or down until the UP or DOWN Key is released, or if a predefined stopping point has been reached.

#### To move the Table Top UP:

	Press and hold the UP Key until the required height has been reached
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#### To move the Table Top DOWN:

	Press and hold the DOWN Key until the required height has been reached
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## Saving a Memory Position

This function saves a set desktop position. One Memory Position can be saved per Memory Position Key.

	1.	Move the desk to the required height
	2.	Keep pressing the "M" Key, till the display will show "S - -".
	3.	Press "1" key, the display shows current height and "S - -" alternately.
	4.	Press "M" Key, the memory is set and the display shows the height position.
		> The first memory position is set successfully. Similar process for "2" and "3" memory positions.

### INFO

When you press one memory key, the desktop will automatically move until the saved desktop height has been reached.

## Modified High and Low Limitation Positions

By this function would be used to limit the movement area of desktop, when the cabinet is underneath or any shelf above the desktop. Once it is set, the new High or Low limit position will be stored.

	1.	Keep pressing the “M” key for 3 seconds till the display shows “S - -” to enter setup menu.
 	2.	Press UP key till the display flash as “HLP”.
 	3.	Press “1” key, the display shows alternately as “H-P” and current height.
 	4.	Keep pressing UP or DOWN key till the required high limit position is reached.
	5.	Press “M” key, the desktop height will be showed and the high limit position has been set.
 	6.	Repeat step 1 and step 2 , then press “2” key, the display will show alternately “L-P” and current height, keep pressing DOWN key till the low limit position is reached, press “M” key, the low limit position has been set.

### NOTICE

Do not enable this function only when you are really need in some situation.

## Changing the displayed desktop height unit

This function will be used to change the height display unit. After setting, the handset will display the height as “cm” or “inch”.

	1.	Keep pressing the “M” key for 3 seconds till the display shows “S - -” to enter setup menu.
 	2.	Press UP key till the display flash as “Unt”.
	3.	Press “1” key, the display shows alternately as “Unt” and the current height , and the unit of height is “cm”.
 	4.	Press “M” key to save the unit as “cm”.
 	5.	Repeat step 1 and step 2 , then press “2” key, the display shows alternately as “Unt” and the current height , and the unit of height is “inch”, press “M” key to save the unit as “inch”.

## Changing the desktop height displayed

The function enables you to change the height shows on the display based on the actual measurement, especially when you need to calculate the height including the thickness of the desktop.

	1.	Keep pressing the “M” key for 10 seconds till the display shows alternately as “Ur” and “oFF”.
	2.	Press UP key till the display shows alternately as “End” and original height.
	3.	Changing the height by pressing “1” key to adjust the first numbers, “2” key to adjust second number, and “3” key to adjust third number. ( for metric, please note that the unit is “mm” during this procedure)
	4.	Press “M” key, the height has been changed to defined digit.

### INFO

During the adjustment procedure, every time you press the “1”, “2” or “3” key, the corresponding number will increase by 1.

## Reset to Factory Setting

With this function, you can make the control system to factory setting, including memory position, High and Low limit position, height displayed, etc.

	1.	Keep pressing the “M” key for 15 seconds till the display flash as “FAC” .
	2.	Press “M”, and the control system has been reset to factory settings.

### CAUTION

When the control system is reset to factory settings, as there is no High and Low limit position previously set, this may lead to minor or moderate injury through crushing. Ensure that no persons or objects are in the desk’s range of motion.

## Error Code Meaning and Trouble Shooting

Code	Message	Required Actions
rES	Manual Resetting	Refer to the progress of manual reset.
E-1	Manual Resetting	Refer to the progress of manual reset.
E-2	Anti-Collision Function	Once the desktop or frame encounters any obstacle in its path, the displays shows "E-2" and the desktop will automatically move a defined distance in opposite direction, it would be used normally after removing the obstacle.
E-3	Motor Cable Disconnected	Disconnect the Control Box from the Mains. Fix the external short circuit. Ensure all cables are connected correctly. Reconnect the system, then operate as normal.
E-4	Height Difference	After moving, the height between the two columns exceeds 1 inch, stop any operation and execute the Manual Reset procedure.
ovr	Overloading	Remove the load on desktop till it less than 1400N (315 LBS) for further operation.
dut	Operated continuously without suitable rest	Make the desk rest around 18minutes for further operation. The display will show alternately as "dut" and a countdown number. For example, "dut" & "013" means that there are 13 minutes before reuse.

### NOTICE

Usually the display alternately shows two error code, such as "E-1"/"rES", "E-3"/"rES", "E-4"/"rES", that means you need to execute the Manual Reset procedure after completing the required actions.

### NOTICE

Do not operate the table system if problems persist. Contact Knight for further information.

## Technical Data

Item	Data
Input Voltage	AC 100~240V 50/60Hz
Output Voltage	DC 24V
Max Loading	1400N
Height Range (Including worktop)	625 - 1275mm
Duty Cycle	2 min on / 18 min off



[knightgroup.co.nz](http://knightgroup.co.nz)