ELECTRIC FRAME

PRATO 04-3T/90

Installation guide

Specification

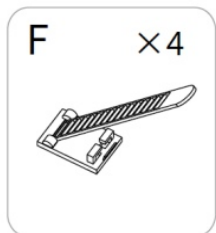|	
Stage columns	3
Load capacity	150 kg
Max. speed	35 mm/s
Input voltage	AC 110-240 V
Adjustable height	600-1250 mm
Duty cycle	10% (2 minutes on / 18 minutes off)
Working temperature	0-40 C
Certification	CE

Accessories list

A ×30 M6×16 mm	**B** ×22 M6×10 mm	**C** ×6 M6×10 mm	**D** ×2 φ6×18mm M6×10 mm	**E** ×22 ST5×16 mm
F ×4	×1	×1		
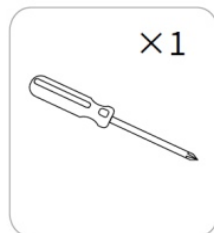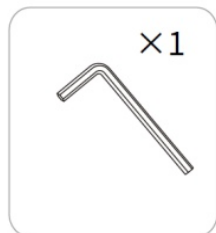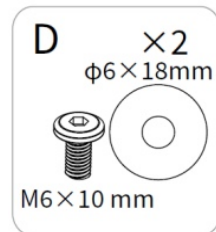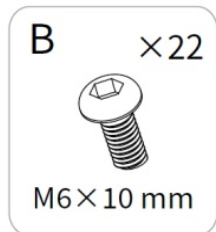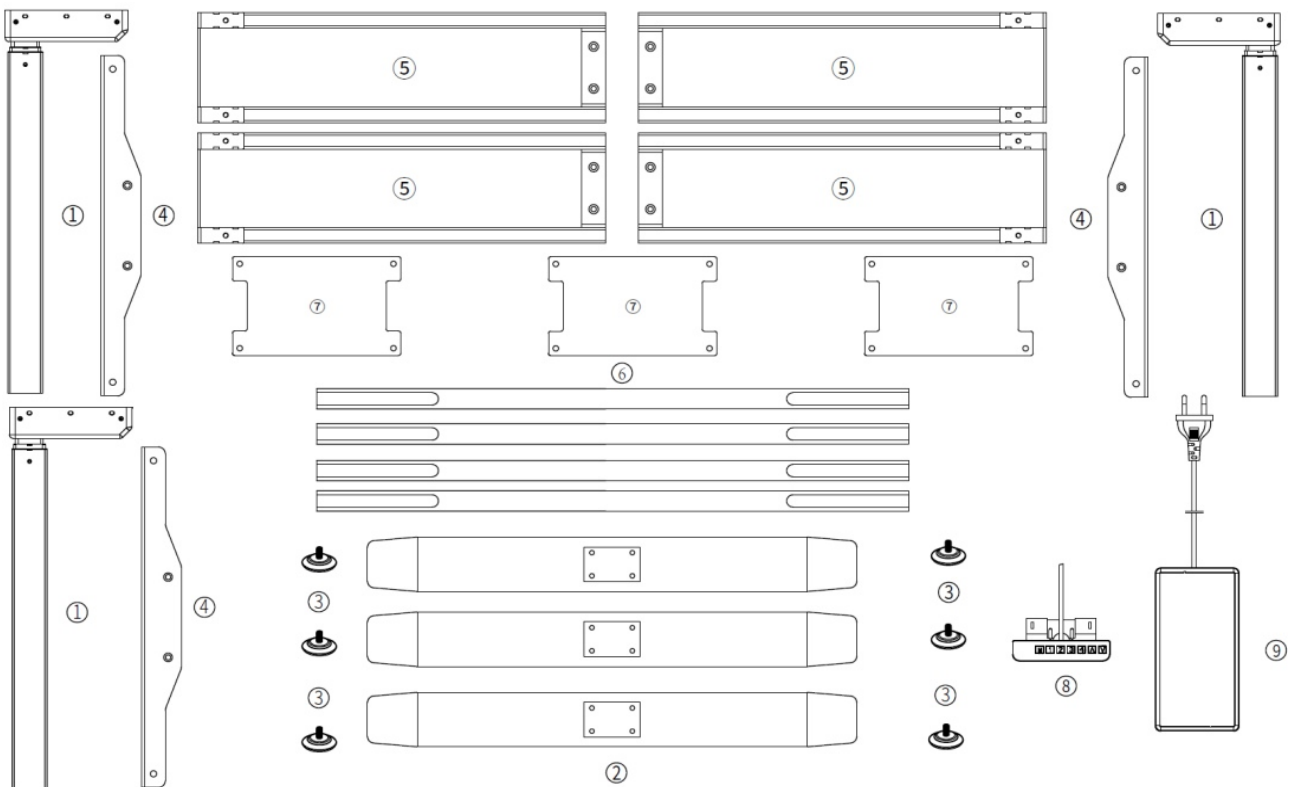
Step 1

Unpack all components and check that you have everything shown in the diagram. Slide out of frame 5 completely beams.
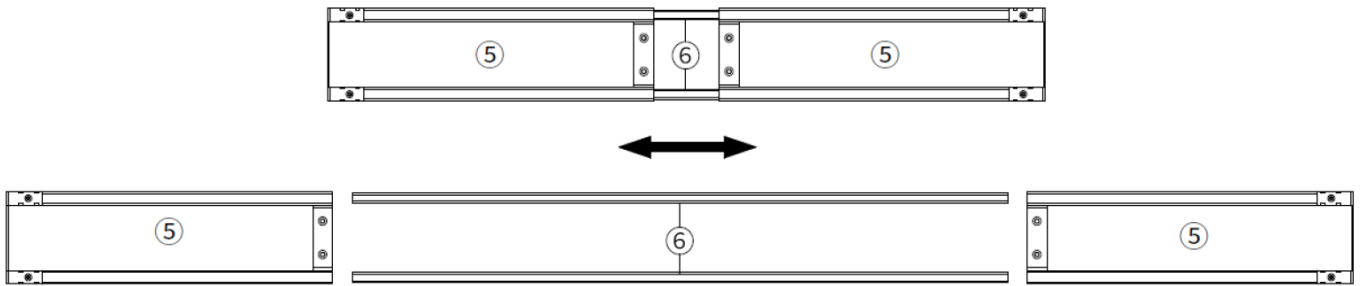
Step 2

Connect the columns 1 with the frame 5 and then fix them with screws A.

A ×12
M6×16 mm
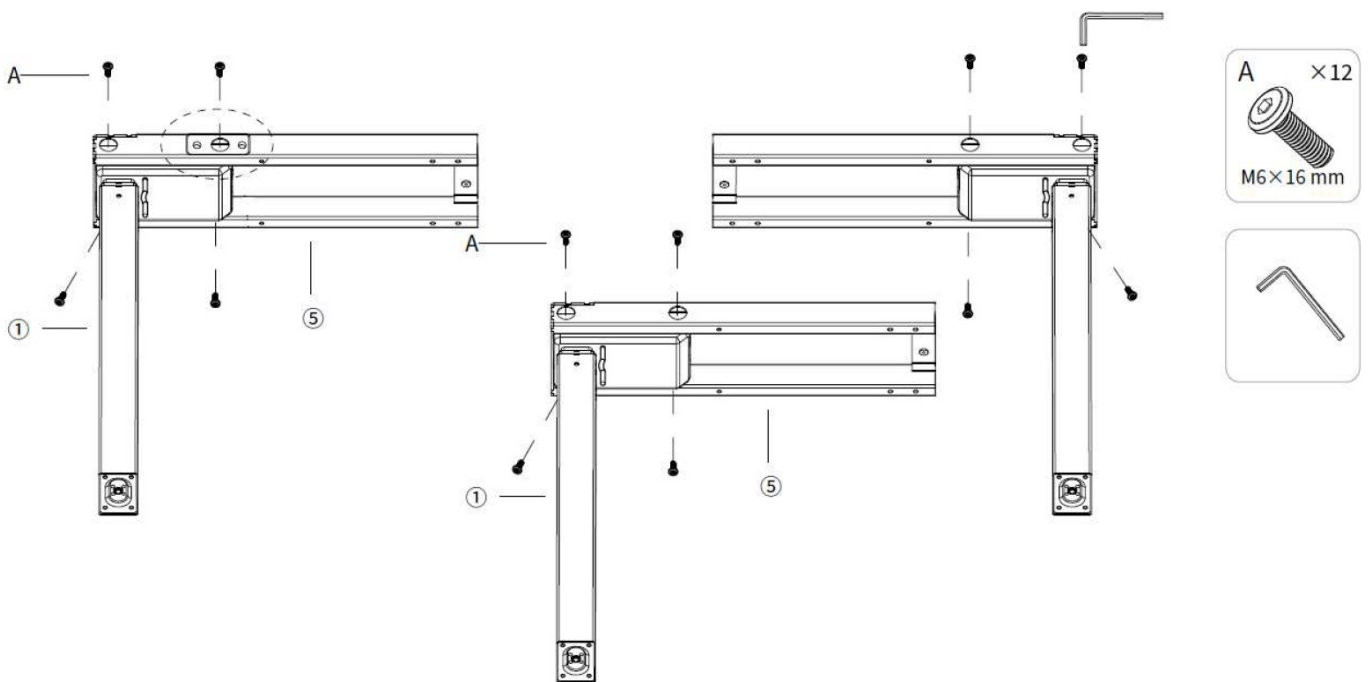
Step 3

Fix the feet 2 to the columns 1 with screws A. Attach the leveling feet 3 to the feet 2.

A ×12
M6×16 mm
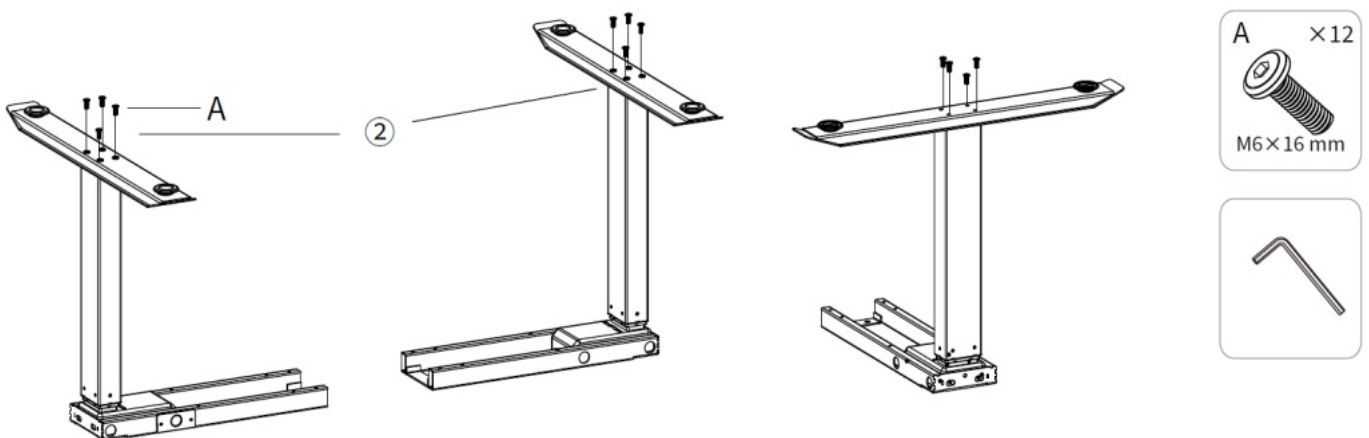
Step 4

Insert the beams 6 into the frame 5, adjust the length and lightly tighten with screws B.
Screw parts 7 with screws B. Connect the two frames with screws D.

B	×14
	M6×10 mm

D	×2 φ6×18mm
	M6×10 mm
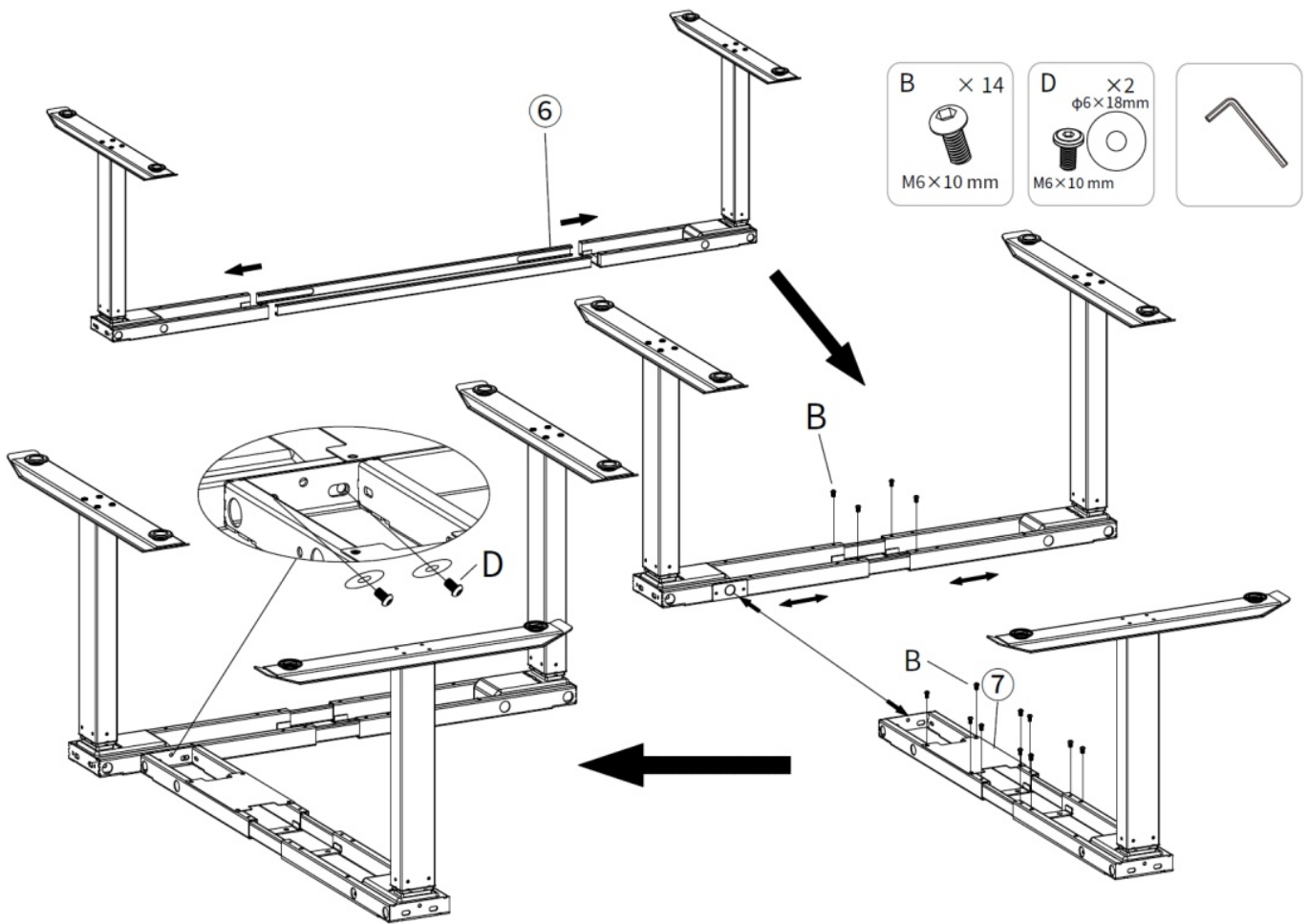
Step 5

Fix the top pieces with 4 screws A and C.

A	×6
	M6×16 mm

C	×6
	M6×10 mm
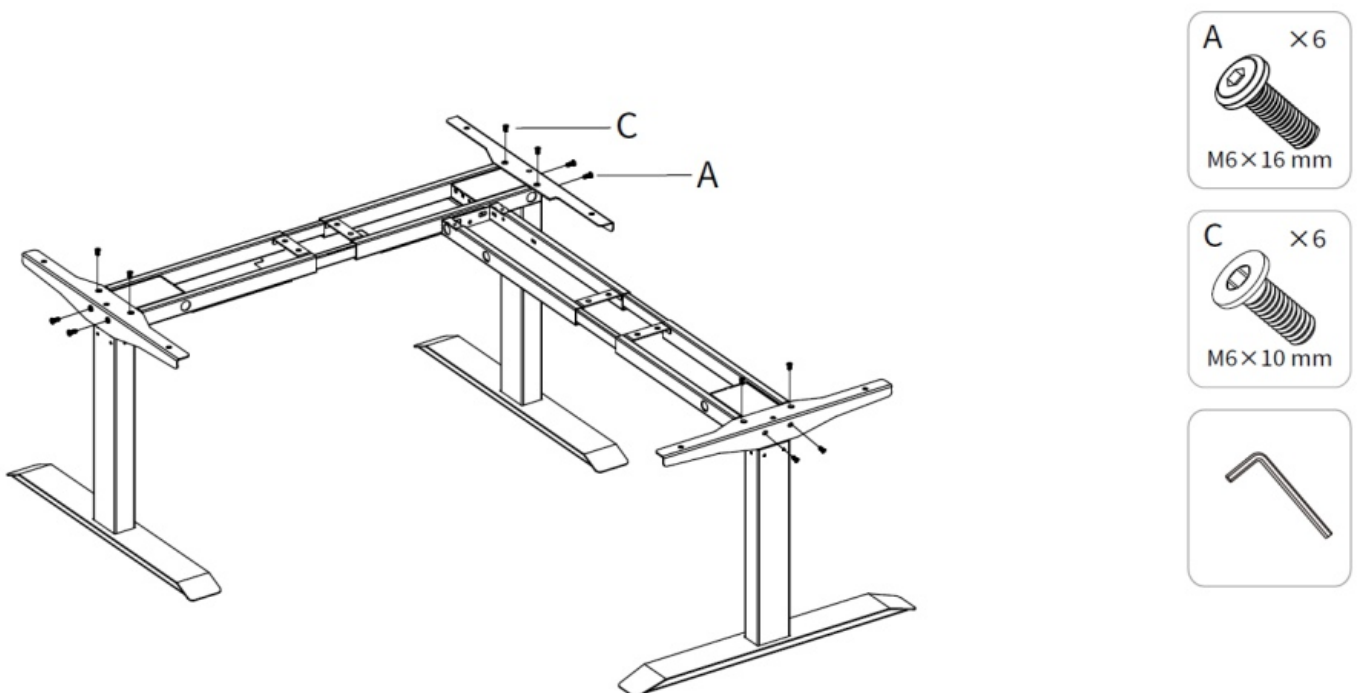
Step 6

Set the beams 6 in the right position and then screw the upper elements 4 to the table top using screws E. Insert the power adapter 9 into the location shown below. Screw the two elements 7 with screws B. Connect the circuit electric according to the diagram below. Fix the controller 8 with screws E.

E	×22	B	×8
ST5×16 mm		M6×10 mm	
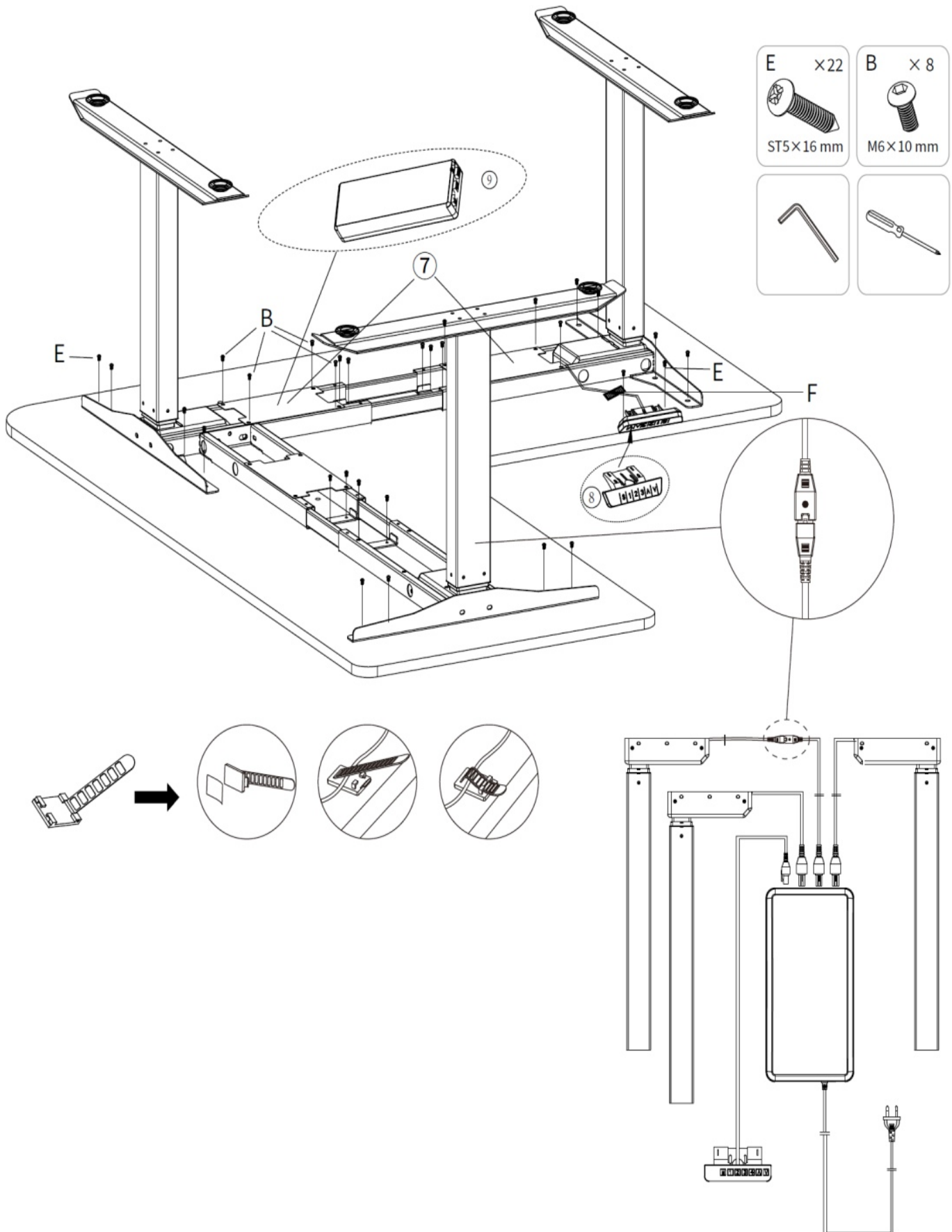
Controller instruction

Product first use

Before using the desk for the first time, perform a reset operation.

1. Press and hold the "v" button for up to 5 seconds after the rack goes to the lowest position. "RST" will appear on the display. Still do not release the "v" button - the legs of the frame will slowly lower, and after reaching the lowest position, they will raise by approx. 1 cm. You can release the "v" button. The reset operation is complete. The reset operation must also be performed when the display shows an incorrect altitude.

2. Height adjustable function
   Press the "∧" or "v" button to adjust the height. The LED display shows the current height.

3. Altitude memory
   Adjust the frame to the desired height. Press the "M" button (the display shows "S-") and then press the "🏠" button. The display will show "S-1" which means the altitude has been stored for the "🏠" key.

   The method of memorizing the position for buttons "🏠" and "🏠" is the same as above.

4. Childproof lock
   Press and hold the "∧" and "v" buttons for more than 5 seconds at the same time to set the child lock. After the setting is successful, the LED will display "LOC". At this time, all buttons operations are invalid. You can press the "∧" and "v" buttons at the same time for 5 seconds to cancel the lock state, when the hand control display changes from "LOC" to normal digital display, it means the system has been unlocked.

5. Over heating protection
   Display shows "HOT", indicating the desk is running frequently, and the motor is over heating, so the system stop operation at once for 18 minutes rest in order to avoid the damage of motor.

6. Long sitting reminder function
   Each time you press the "🕐" button, the display will increase the time by 0.5 hours (maximum time setting is 2 hours). After setting the time, the display screen will flash for 4 seconds and then the timer light will turn on. When the set time is over, the controller will beep 5 times and then turn off the timer.

7. Protection against incorrect operation of motors
   When "SC0/1/2/3" appears on the display, disconnect the power immediately and check whether the circuit is normal. After reconnecting the circuit, perform the reset operation.

8. Anti-collision system
   The frame is equipped with an anti-collision system. Upon encountering an obstacle, the rack will stop and start moving in the opposite direction.
   The strength of the anti-collision system must be set. To do this, press and hold the "M" button for at least 5 seconds until the display starts flashing. Then, by briefly pressing the "M" button, go to the "PC" item and using the "v" or "∧" buttons set its value in the range of 0-5. Do the same for the "DC" and "SS" positions. If 0 is selected, the anti-collision system will not work. To save the settings, hold down the "M" button until the progress bar comes to the end and all menu content is saved and "SUS" appears on the screen. If no button is pressed for 10 seconds, the controller will automatically exit the settings menu.

9. Energy saving function
   If no button is pressed within 1 minute, the controller will go into power saving mode. At this time, the controller display is turned off and the controller enters the low power mode. Press any button to exit power saving mode.

10. Settings menu

In order to call up the settings menu, press and hold the "M" button for at least 5 seconds.

1. Setting the lowest frame height
2. Setting the highest frame height
3. Setting the basic height of the frame (range 0-30 cm)
4. Anti-collision settings for lifting (PC... - range 0-5) – described above
5. Anti-collision settings for lowering (DC... - range 0-5) – described above
6. Frame tilt detection gyroscope settings (SS... - range 0-5)
7. Altitude units setting (cm or inch)

To navigate through the menu (points 1-7) briefly press the "M" button. By pressing the "v" or "∧" button, we select a given parameter for each point 1-7. To save the settings, hold down the "M" button until the progress bar comes to the end and all menu content is saved and "SUS" appears on the screen. If no button is pressed for 10 seconds, the controller will automatically exit the settings menu.

Troubleshooting

No response when pressing "v" and "∧" buttons	Check all cable connections.
Frame lifting speed low	Check that the weight does not exceed 150 kg.
Can be lifted without lowering	Reset the frame.
Self-lowering of the frame	Check that the weight does not exceed 150 kg.
Frequent self-reset of the frame	Check that the weight does not exceed 150 kg.
Engine running time exceeded	Wait 18 minutes.
Code SC0 - self-test error	Turn it off and on again. If the alarm does not reset, replace the controller.
Code SC1 - incorrect operation of the power supply	Turn it off and on again. If the alarm does not reset, replace the power supply.
Code SC2 - memory error	Turn it off and on again. If the alarm does not reset, replace the controller.
Code SC3 - sensor error	Turn it off and on again. If the alarm does not reset, replace the controller.
Code R-2 - frame tilt alarm	The frame will stop after changing the height by 5 cm in the opposite direction.
Code R-3 - synchronization error	To eliminate the error, perform a reset operation.
Code R-5 - communication error	Communication error between controller and motor. Check the correctness of the connections.
Code R-6 - incorrect voltage	If the error persists, replace the power supply.
Code RST	Continue the reset operation.
Code EX0 - short circuit in the drive circuit	Turn it off and on again. If the alarm does not reset, replace the controller.
Code EX1 - overload	Reduce the load on the rack.
Code EX2 - motor phase loss	Check that the motor wires are connected correctly.
Code EX4 - collision	The frame will move 5 cm in the opposite direction and the alarm will be automatically reset.
Code EX5 - engine mechanism lock	Check that the motor mechanism is not blocked.
Code EX6 - connection error	Check that the motor is connected.
Code EX7 - mechanical failure	

NOTES: "X" indicates the engine number - 1, 2 or 3

EN   Please read the manual carefully before assembly and use. If you have any doubts or queries, please contact your local distributor.

CAUTION: using the frame with products heavier than the recommended weight may cause loss of stability leading to injury.

Please follow the instructions carefully when assembling. Incorrect installation may result in damage or serious injury.

Make sure that the worktop surface can safely support the weight of all equipment and other components.

Use only the screws provided with the frame and make sure they are not overtightened.

The product contains small parts that are dangerous if swallowed. Keep the product away from children.

The product is intended for indoor use only. Using the product outdoors may result in product loss and injury.

IMPORTANT: Before assembling and installing, please make sure the product is complete. If any parts are damaged or missing, please contact your local distributor for replacement.

Product should be regularly checked for safety in use (at least every 3 months).