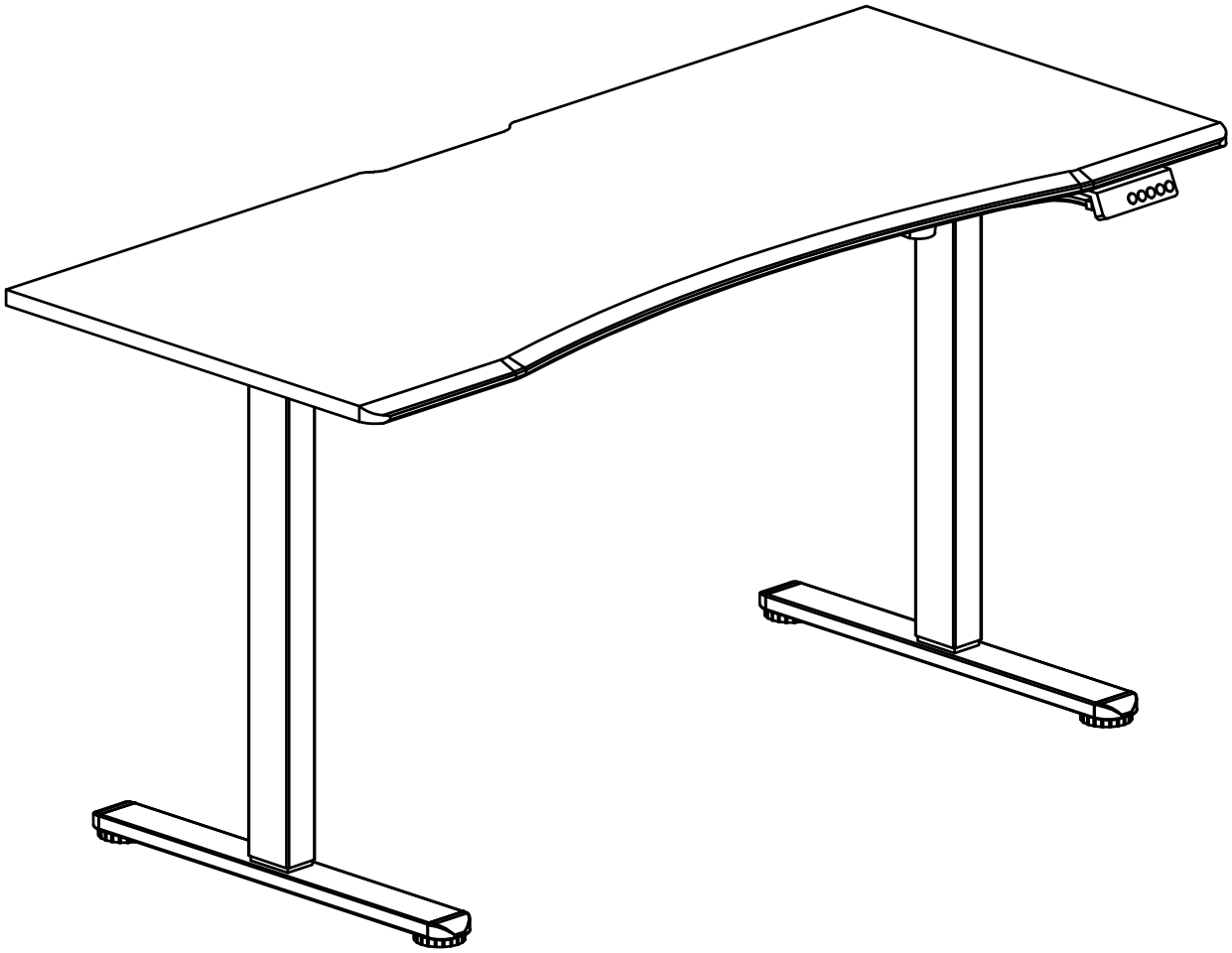
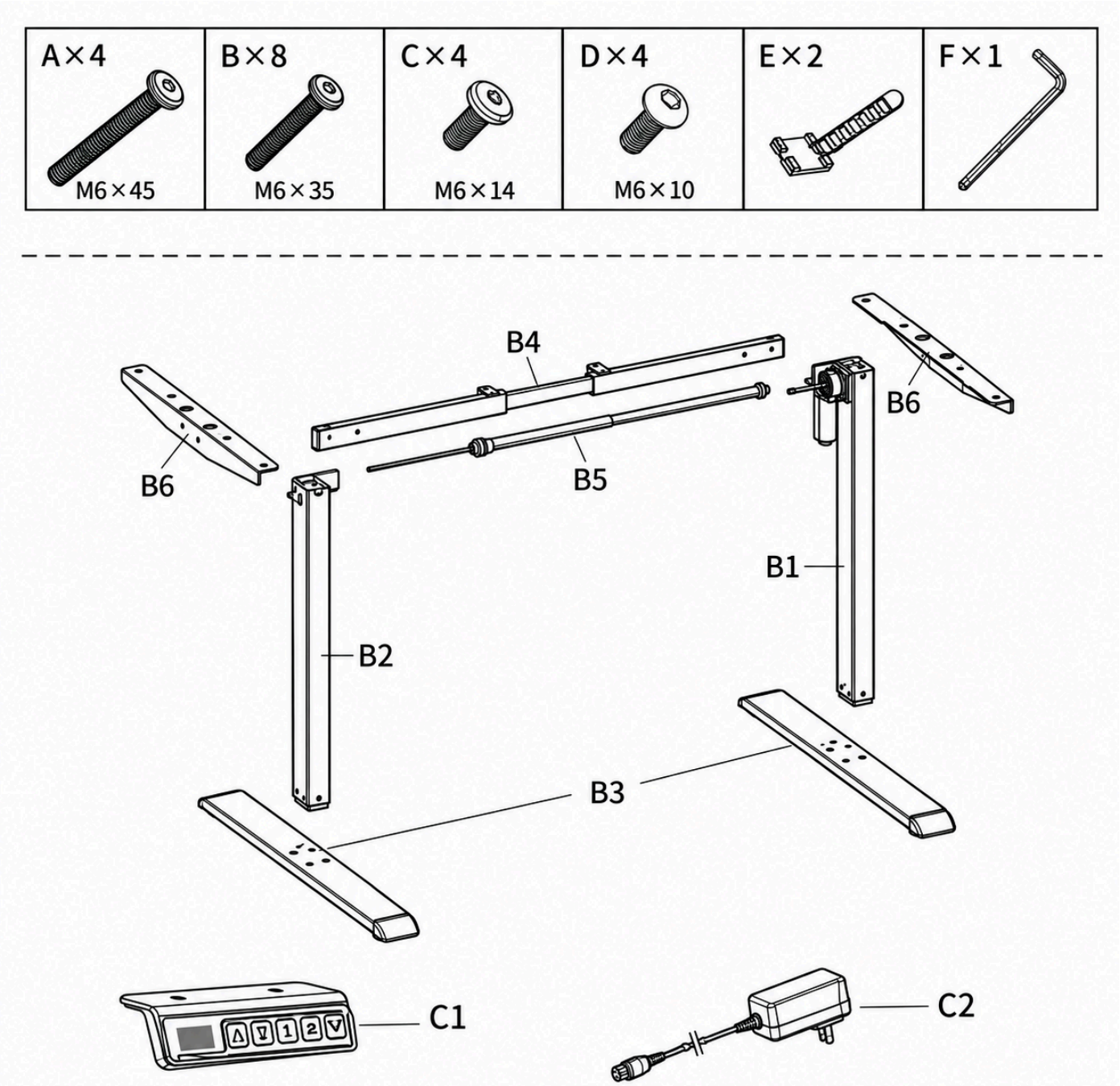
Product instructions

120 cm electric standing desk



Lift-frame parts and hardware

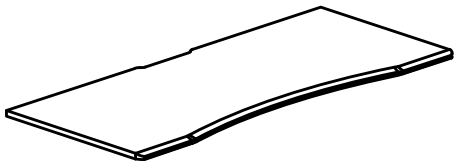
Use this lift-frame hardware set for Steps 1-4 and the cable straps in Step 6. Its letters are separate from the desktop hardware set on page 4.



Desktop and specifications

1 Desktop

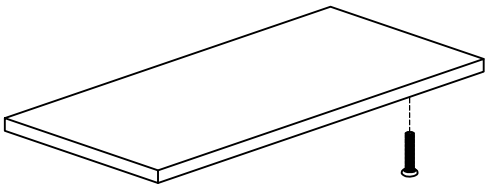
1200 x 600 x 45 mm | Qty: 1



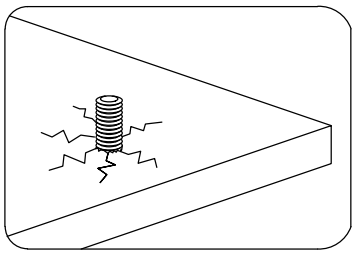
Lifting column stages	2
Maximum load	50 kg
Minimum speed	15 mm/s
Input voltage	AC 100-240 V
Height range	720-1180 mm
Duty cycle	10%: 2 min ON / 18 min OFF
Operating temperature	30°F-104°F (0°C-40°C)

Use the correct screw size

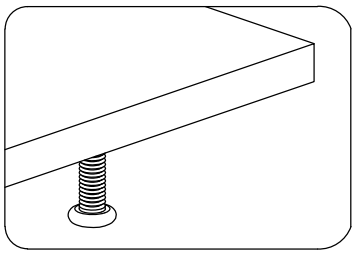
Use suitable screws to prevent damage to the components.



Example



Incorrect: board may split

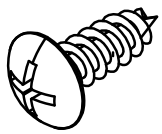


Correct screw size

Desktop hardware and tool

Use this set for the desktop in Step 5 and the controller screws in Step 6. Do not substitute the same-letter items from the lift-frame hardware set.

A

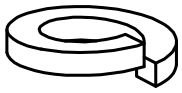


Round-head quick-thread screw

#4 x 16 mm

Qty: 2 + 1

B

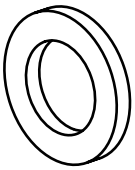


Spring washer

M6 x 1.2 mm

Qty: 10 + 2

C



Flat washer

M6 x 13 mm

Qty: 10 + 2

D

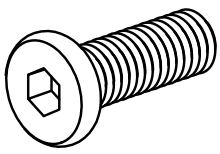


Hex key

M4 x 100 mm

Qty: 1

E



Hex socket bolt

M6 x 18 mm

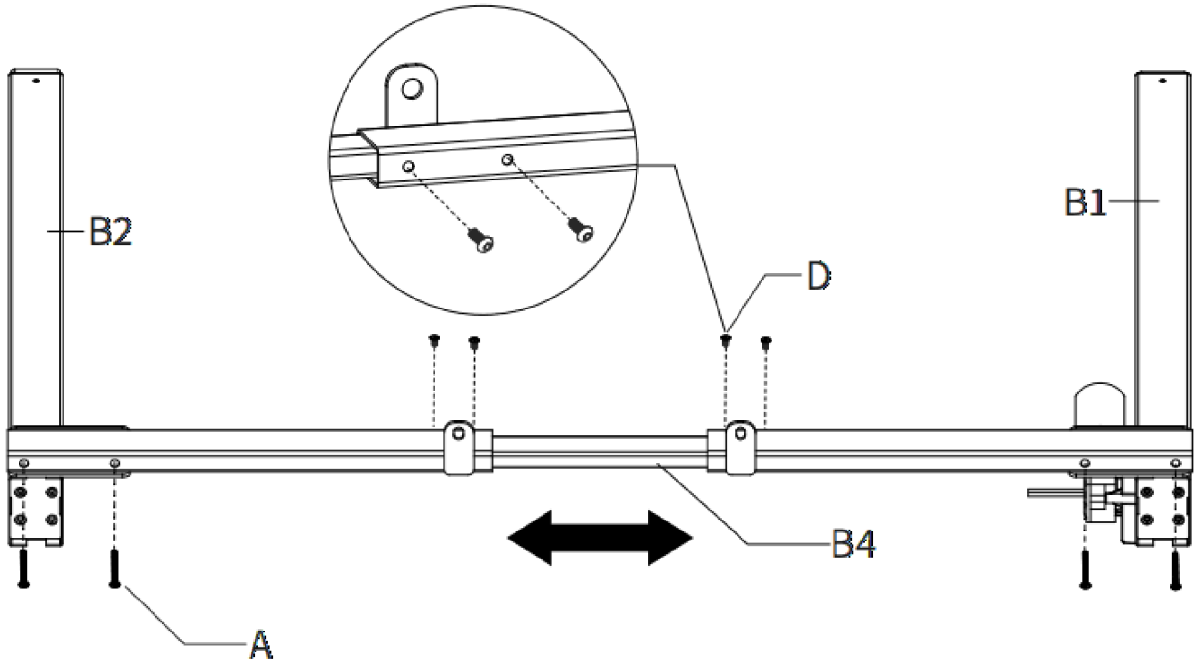
Qty: 10 + 2

Hex key D is a reusable tool.

01 Assemble the cross frame

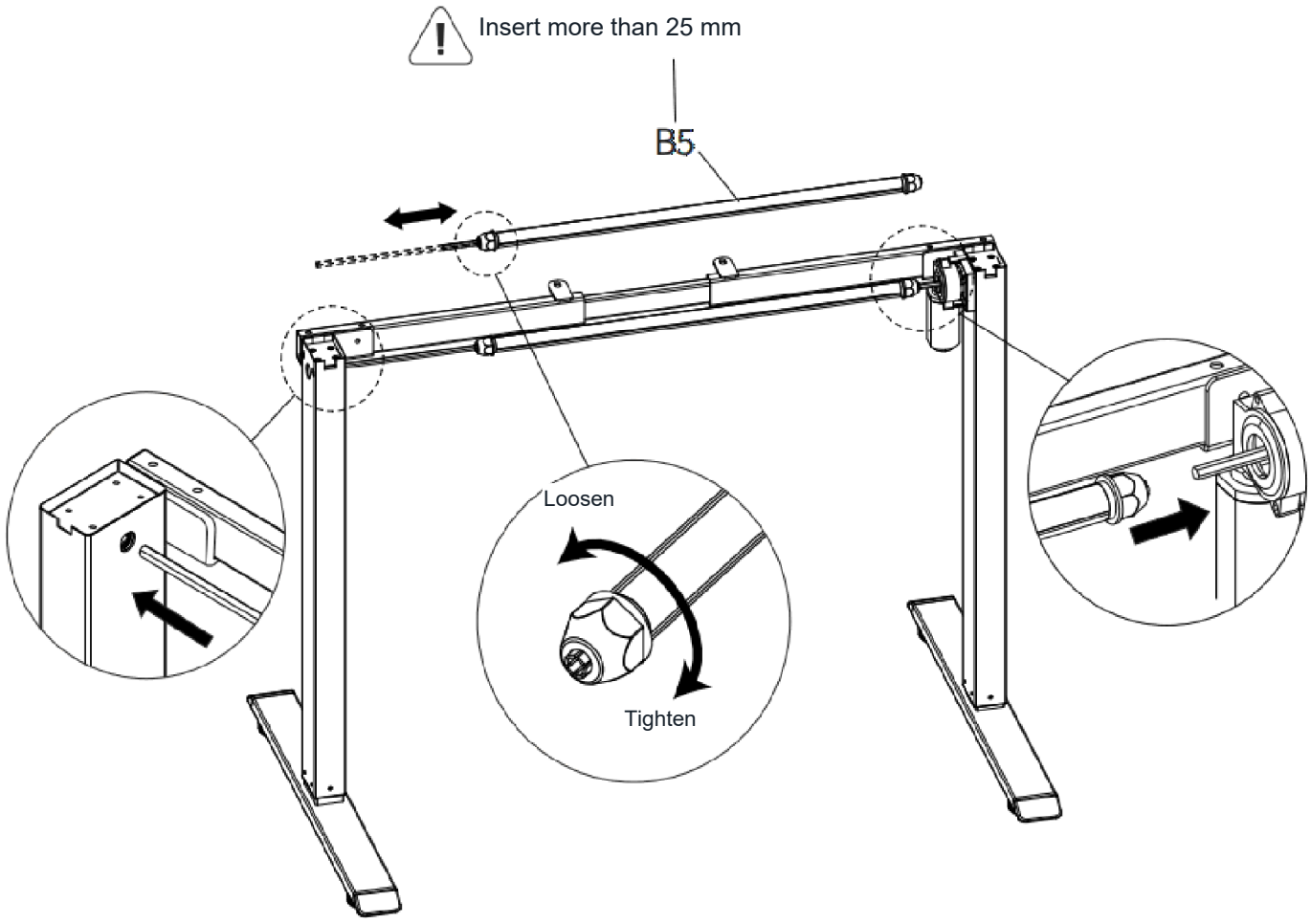
After unpacking, check the component quantities against this manual. Join B1, B2 and B4 using lift-frame fasteners A and D, as shown.

Lift-frame hardware: A x 4 / D x 4



02 Fit the connecting shaft

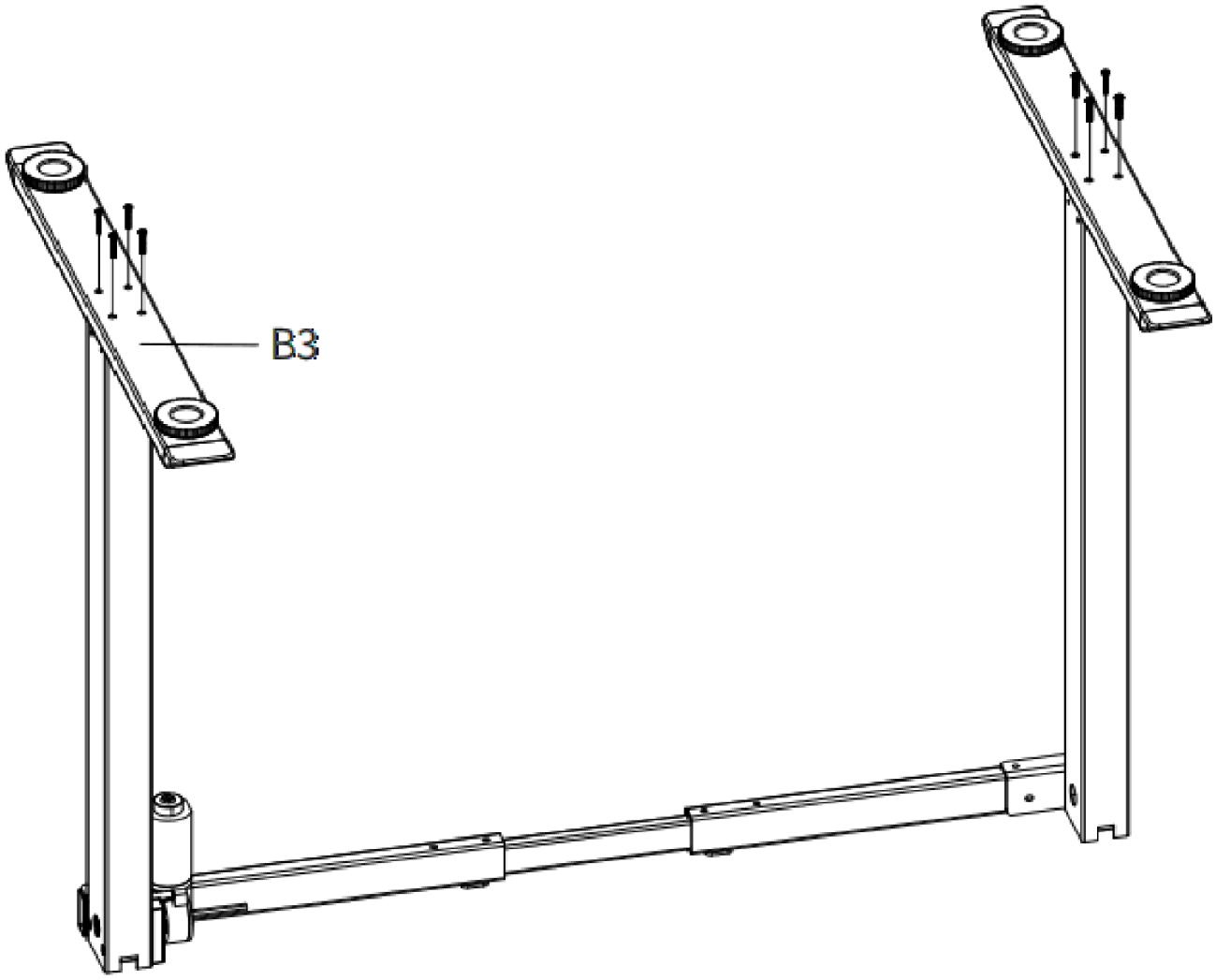
Fit connecting shaft B5 to the frame as shown. Insert the hexagonal shaft more than 25 mm into the connection, then tighten the locking collars as shown.



03 Attach the feet

Attach feet B3 to the assembled frame using lift-frame fasteners B, as shown.

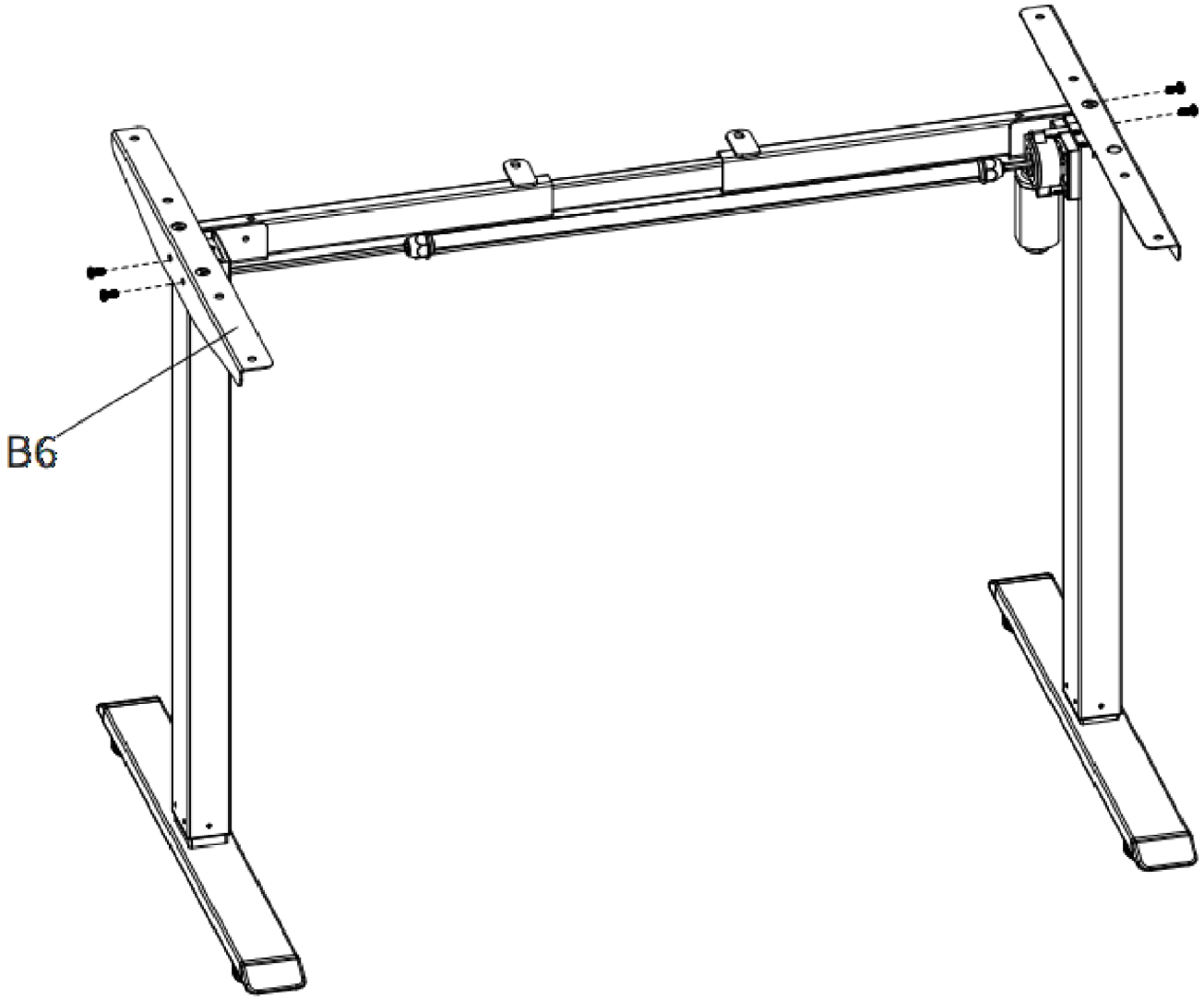
Lift-frame hardware: B x 8



04 Fit the top supports

Attach top supports B6 to the assembly from Step 3 using lift-frame fasteners C, as shown.

Lift-frame hardware: C x 4



05 Adjust the frame spacing

Before fastening the desktop, adjust the mounting spacing as shown in Figures 1 and 2: loosen, adjust and tighten.

Fig. 1

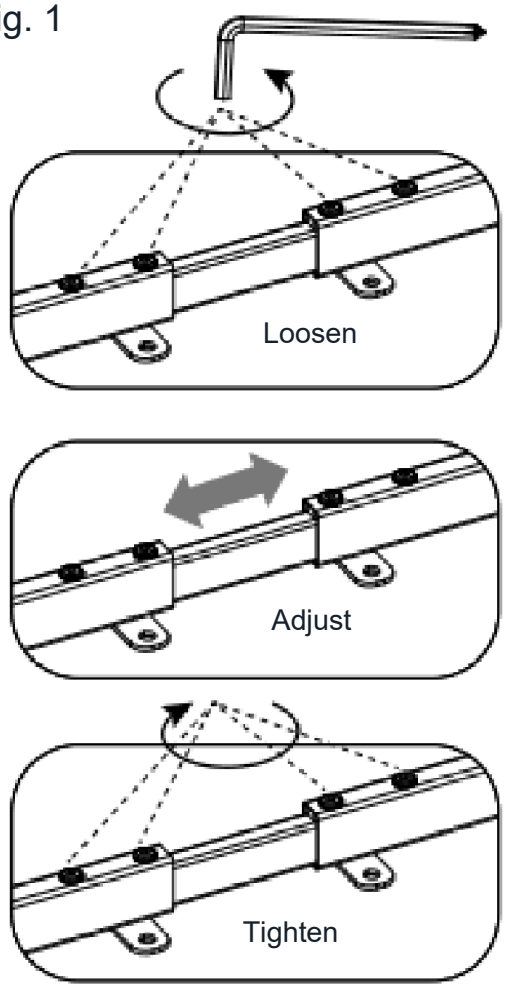
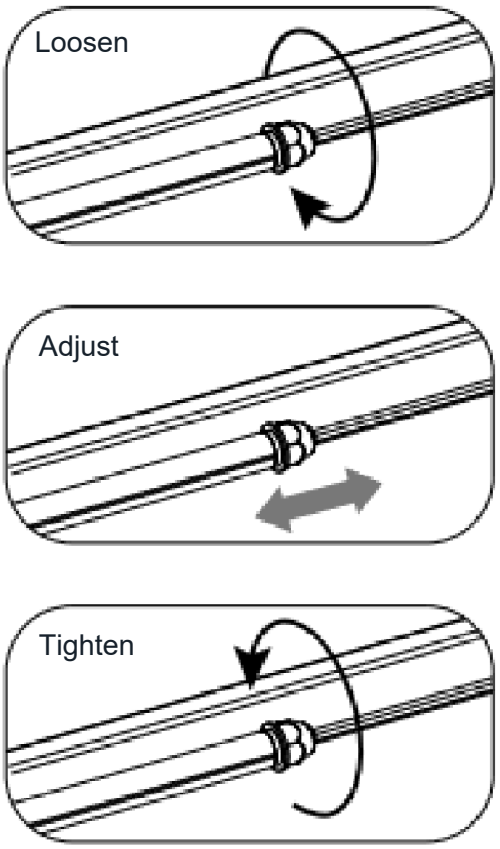


Fig. 2

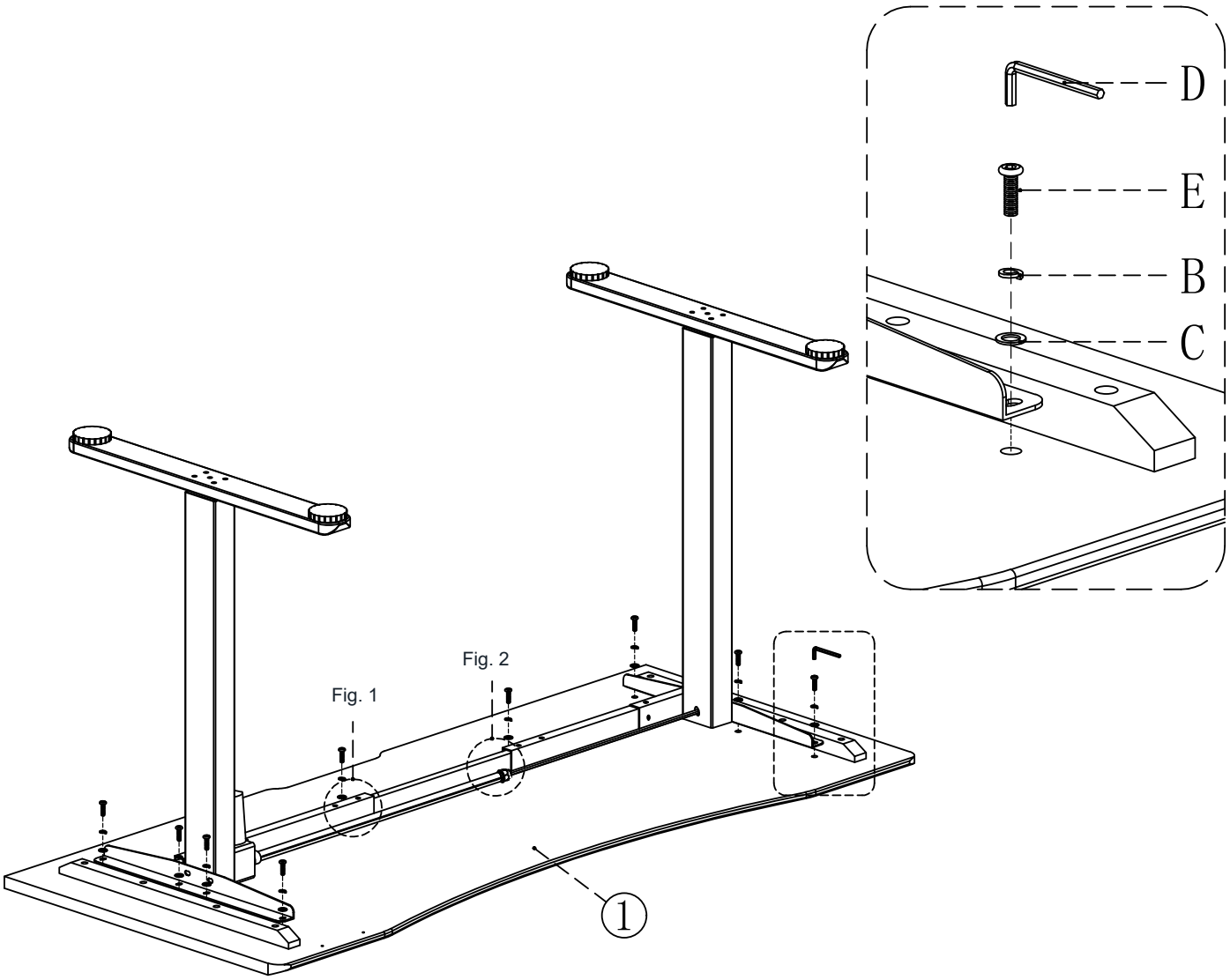


05 Fasten the desktop

Attach desktop 1 to the frame from Step 4 using desktop bolts E, spring washers B and flat washers C. Tighten with hex key D, as shown.

Desktop hardware: E x 10 / B x 10 / C x 10

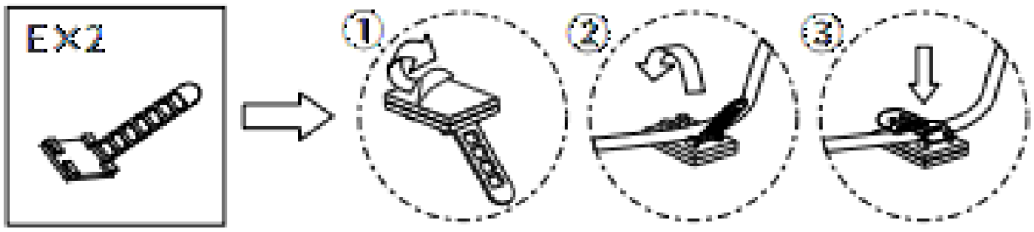
Tool: D

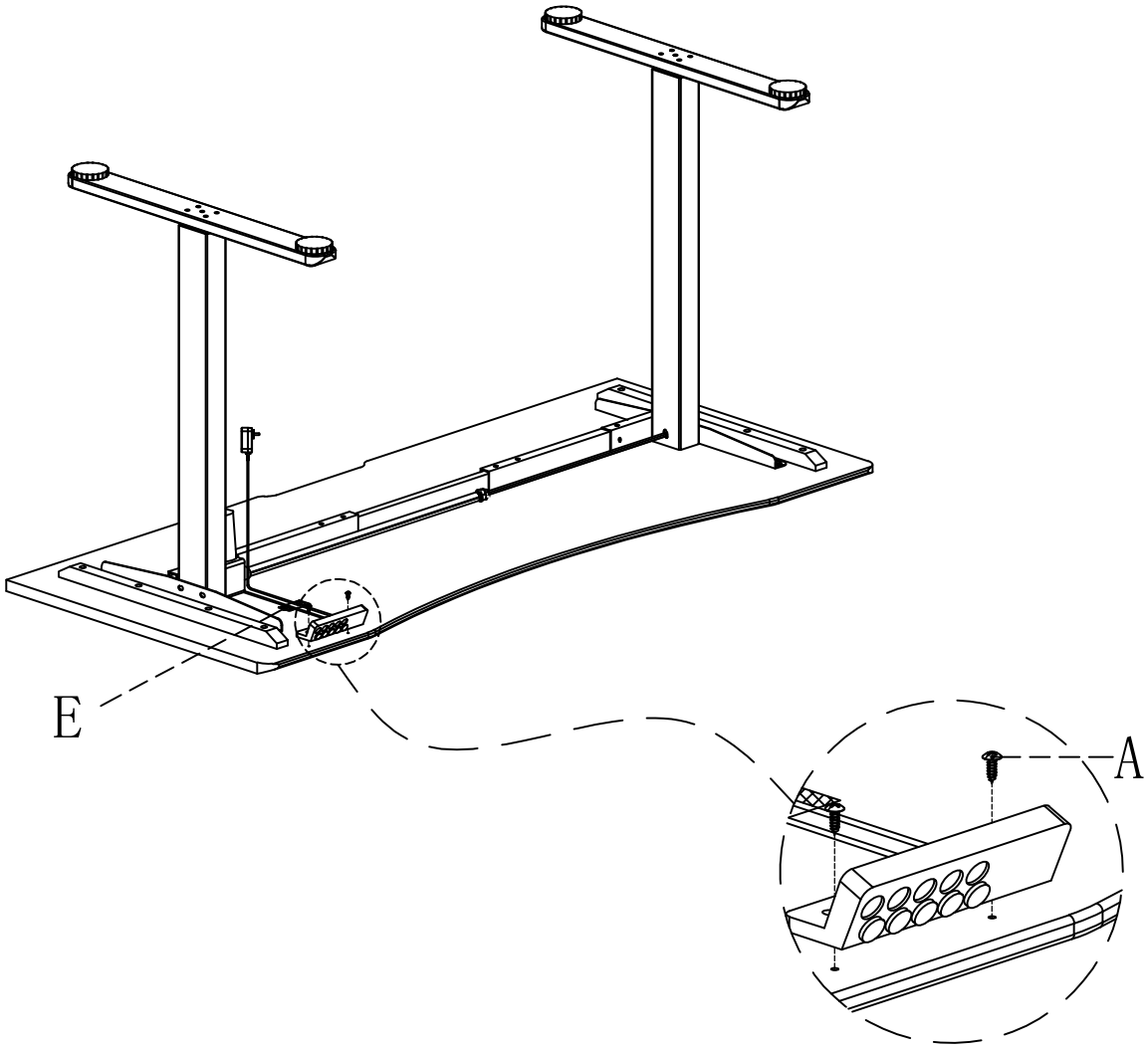


06 Mount the controller

Attach controller C1 to the assembly from Step 5 using desktop screws A. Fit the two lift-frame cable straps E as shown in the three small illustrations.

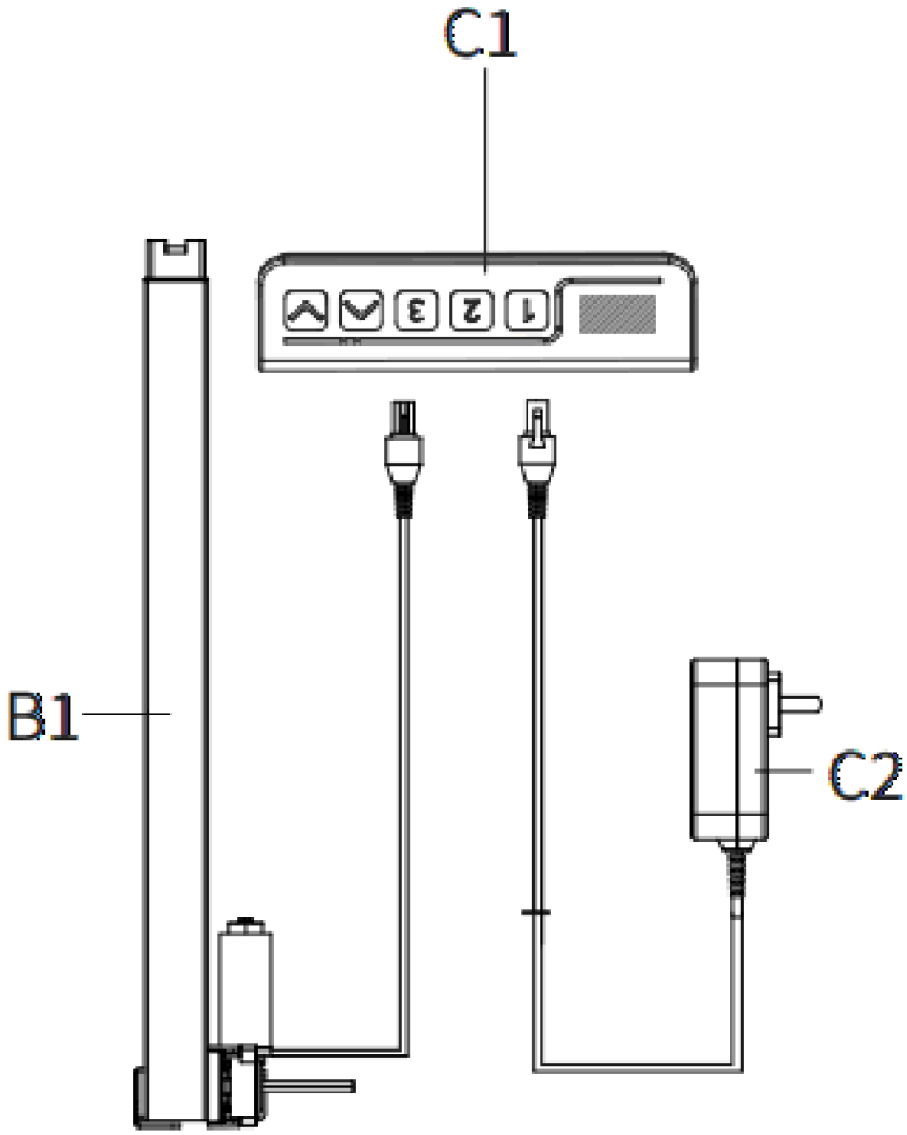
Desktop hardware: A x 2 | Lift-frame cable straps: E x 2



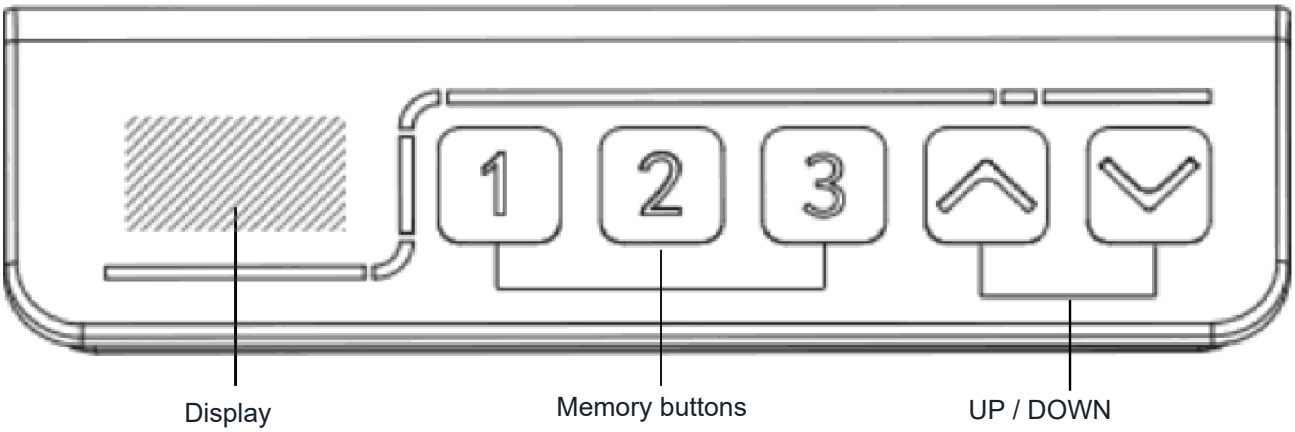


06 Connect the cables

Connect the cable from lifting column B1 and power adapter C2 to controller C1 as shown.



Controls and memory



Before first use

Perform the reset procedure on page 14 before using the desk for the first time.

1. Height adjustment

Press UP or DOWN to adjust the height. The display shows the current height.

2. Memory function

A) Press and hold button 1 for more than 3 seconds. "S-1" appears, confirming that the current height has been saved to button 1.

B) Press button 1 briefly to move to the saved height. Press any button to stop the movement.

Buttons 2 and 3 work in the same way.

Reset and protective functions

3. Reset

If "Er1" is displayed or the desktop is at its lowest position, hold DOWN for more than 3 seconds until "RST" appears, then release. Hold DOWN again. The desktop moves to its mechanical bottom and rebounds slightly. When the display shows the minimum height, reset is complete and you may release DOWN.

4. Child lock

Lock: hold UP and DOWN together for more than 5 seconds. "Loc" appears and all buttons are disabled. Unlock: hold UP and DOWN together again for more than 5 seconds.

5. Anti-collision protection

If an impact, vibration or tilt occurs while the desk is moving, it stops and reverses a short distance. Keep the desk clear of obstacles and avoid strong vibration or tilting during operation.

6. Overheat protection

"Hot" indicates that frequent height adjustment has overheated the motor. Height adjustment is disabled for 18 minutes to protect the motor.

7. Error handling

If "Er1" appears, disconnect power and check the connection between the motor and controller. Make sure the connection is secure, reconnect power and perform a reset.

Troubleshooting

Use this list to check and resolve common faults. If the problem is not listed, contact the manufacturer.

Problem	Solution
No response to UP or DOWN	1. Check the wiring. 2. Reset the desk. 3. Contact the dealer or manufacturer.
Slow upward movement	1. Check whether the maximum load is exceeded. 2. Contact the dealer or manufacturer.
Moves down but not up; or the frame slides downward	1. Check whether the maximum load is exceeded. 2. Reset the desk. 3. Contact the dealer or manufacturer.
Frequently enters reset mode	1. Check for overload. 2. Contact the dealer or manufacturer.
Motor timeout	Wait 18 minutes before using the desk again.
Height travel is inaccurate	1. Reset the desk. 2. Contact the dealer or manufacturer.