Velocity - Electric
Assembly Instructions – Double Sided (DSD)

Tools Required: Power Drill

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Contents

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IMPORTANT!

Please carefully read the assembly manual and direction for use prior to instalment, 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.
- Please retain this operation manual and pass it on to any future owner.

USAGE
- 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 devise 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.

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 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.
- Connect the table to the 110 or 230 VAC power outlet.

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.
- In the event of the occurrence of jarring sounds during operation, STOP using the table and please contact the dealer.

TECHNICAL DATA

DESK
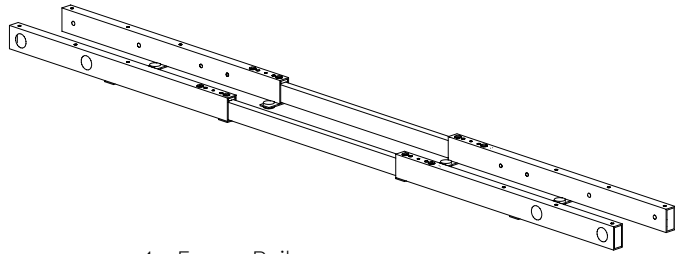Height Range: 635-1285mm includes worktop
Speed: 30mm/s
Twin Motor
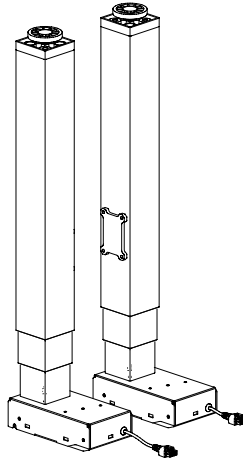Weight Rating: 120kg

Input Voltage: 100-240V AC 50-60Hz
Output Voltage: 24V DC 2.0A
Duty Cycle: 10% 2min on 18min off

Velocity - Electric DSD
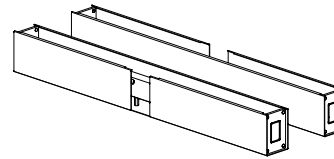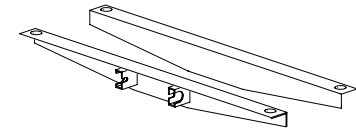**Assembly Instructions**
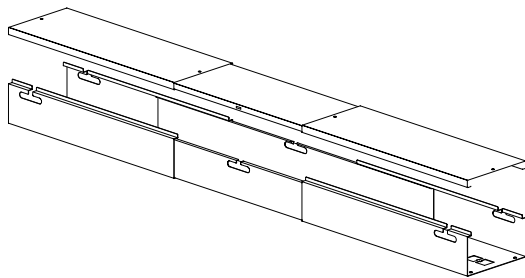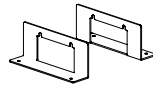
Parts

4 x Frame Rails

4 x Leg with Motor

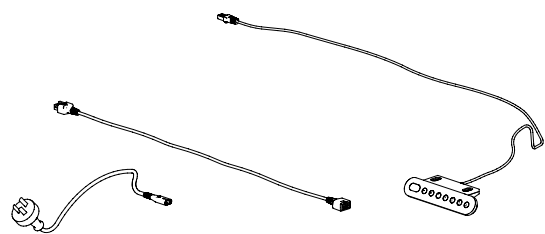2 x Side Rail with Cover

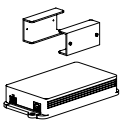2 x L&R Support Bar (Pair)

1 x Cable Tray

2 x L&R Tray Bracket (Pair)
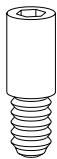
Assembly Instructions
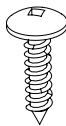
Parts

2 x Power Cord

2 x Handset

2 x Power Box with Brackets

8 x M6x12

8 x M6x10 Socket Head Bolt

24 x ST5.0x23

4 x ST4.2x16
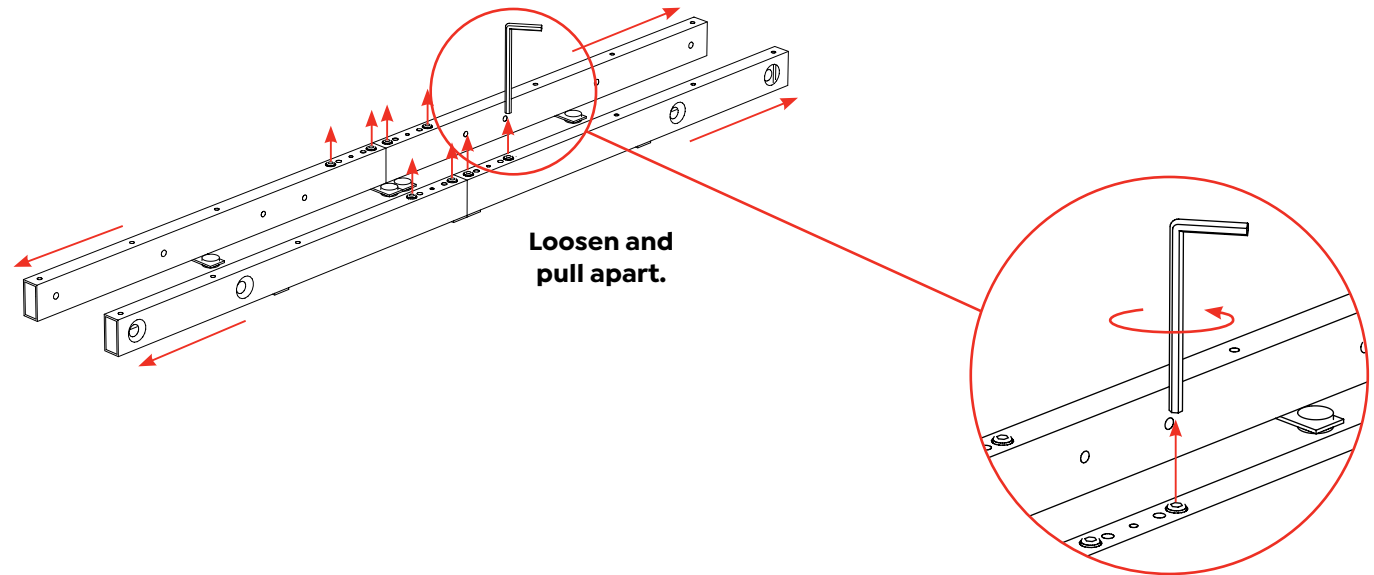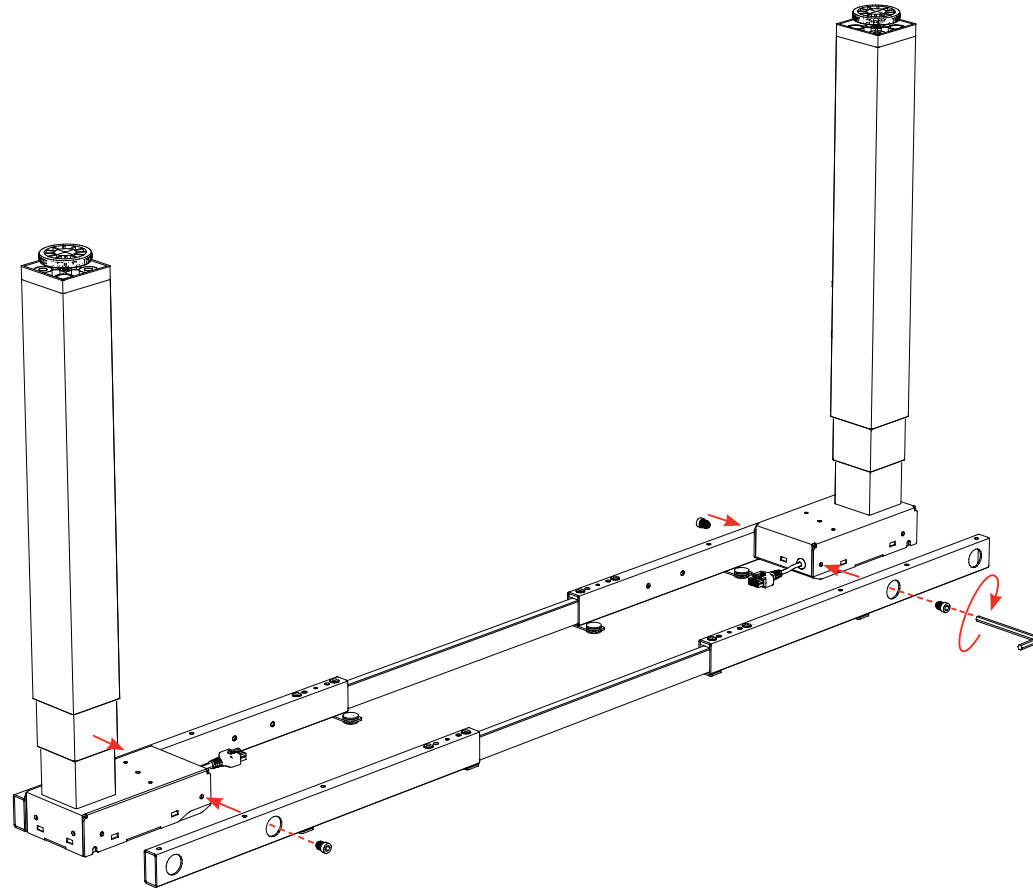
24 x M5x10

4 x Nut

Step 1

**Don't plug in the desk until handset, power box & controller are mounted on to the desk top.
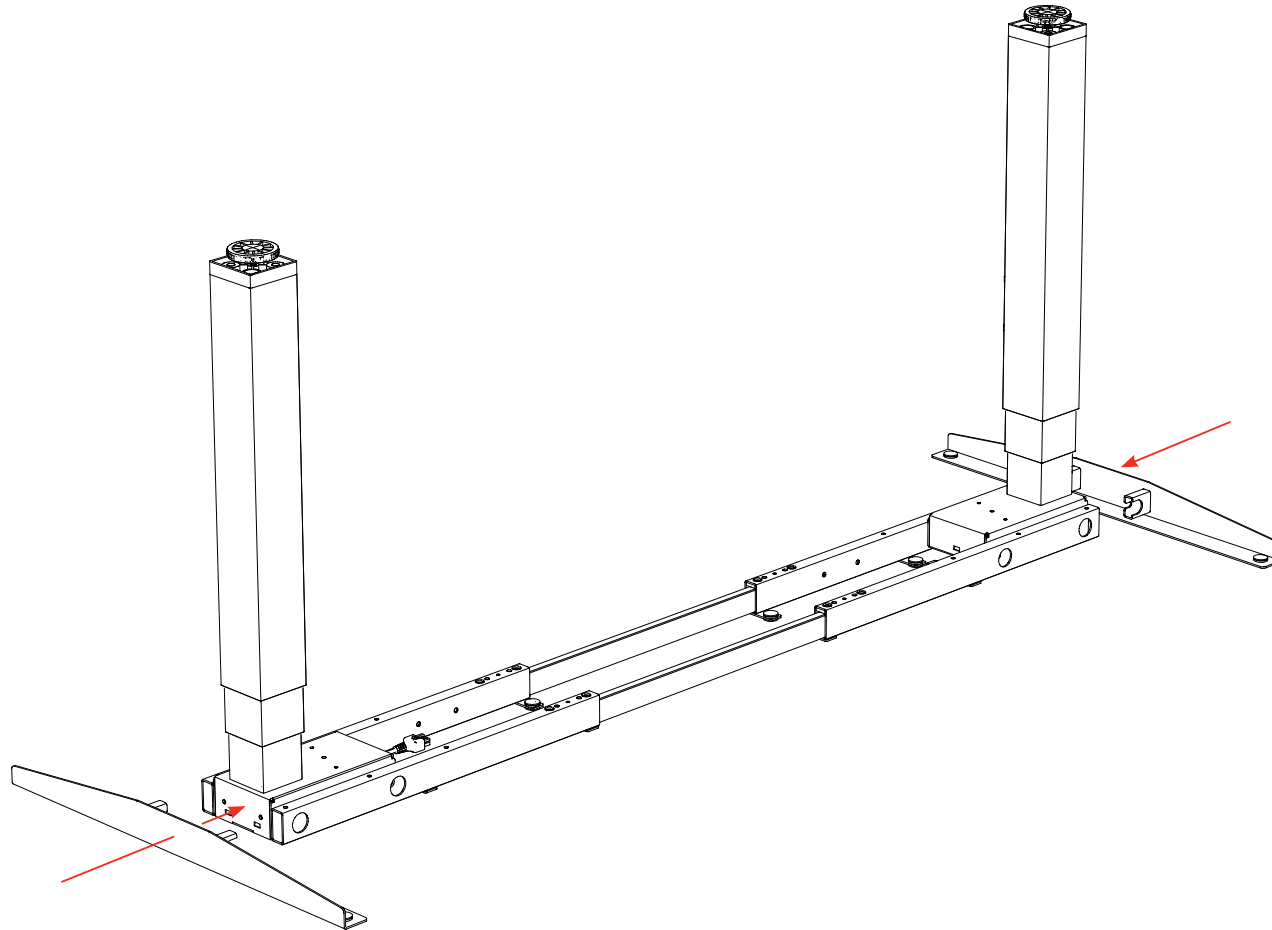It might cause errors.**

Loosen and pull apart.

Step 2

4 x M6x10
Socket Head Bolt

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Step 3

Step 4

4 x M6x12
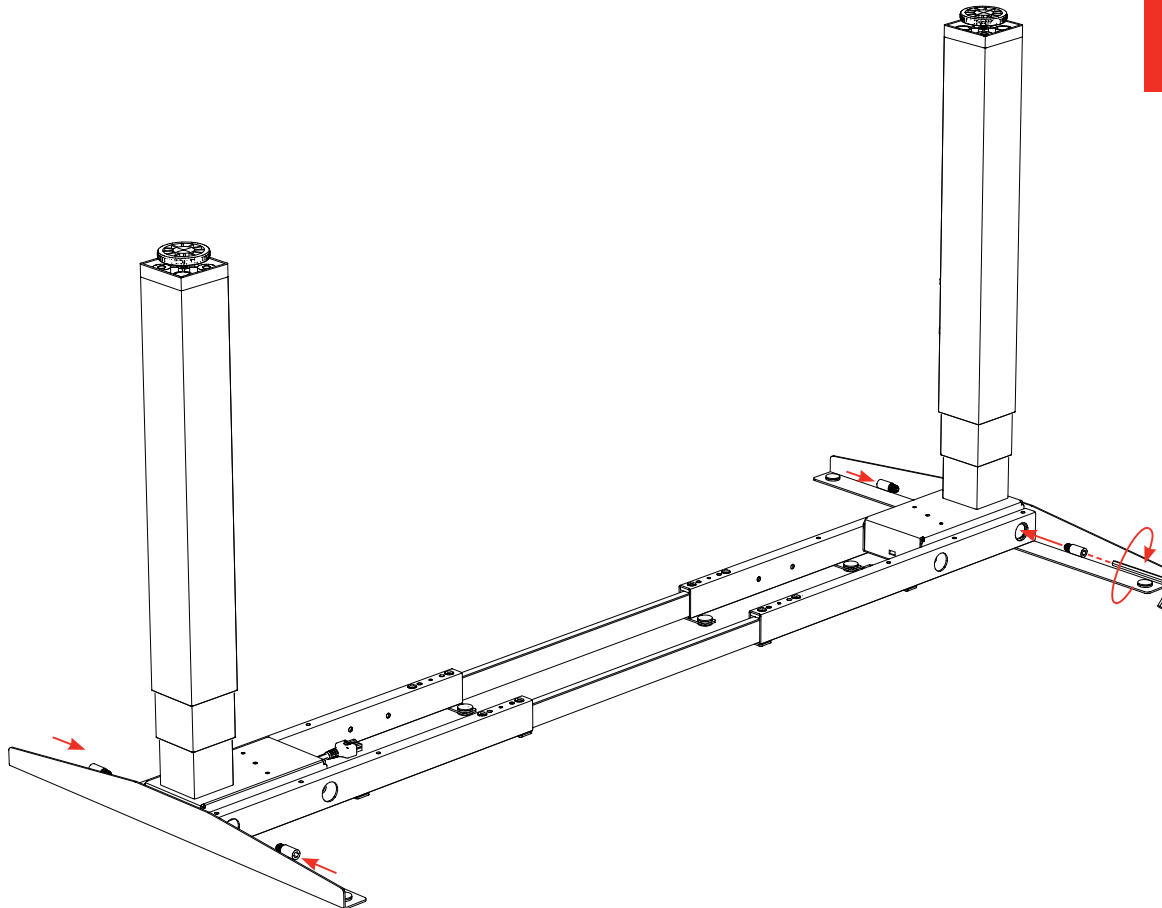
Repeat steps 1 – 4 to assemble the second frame.

Velocity - Electric DSD
Assembly Instructions
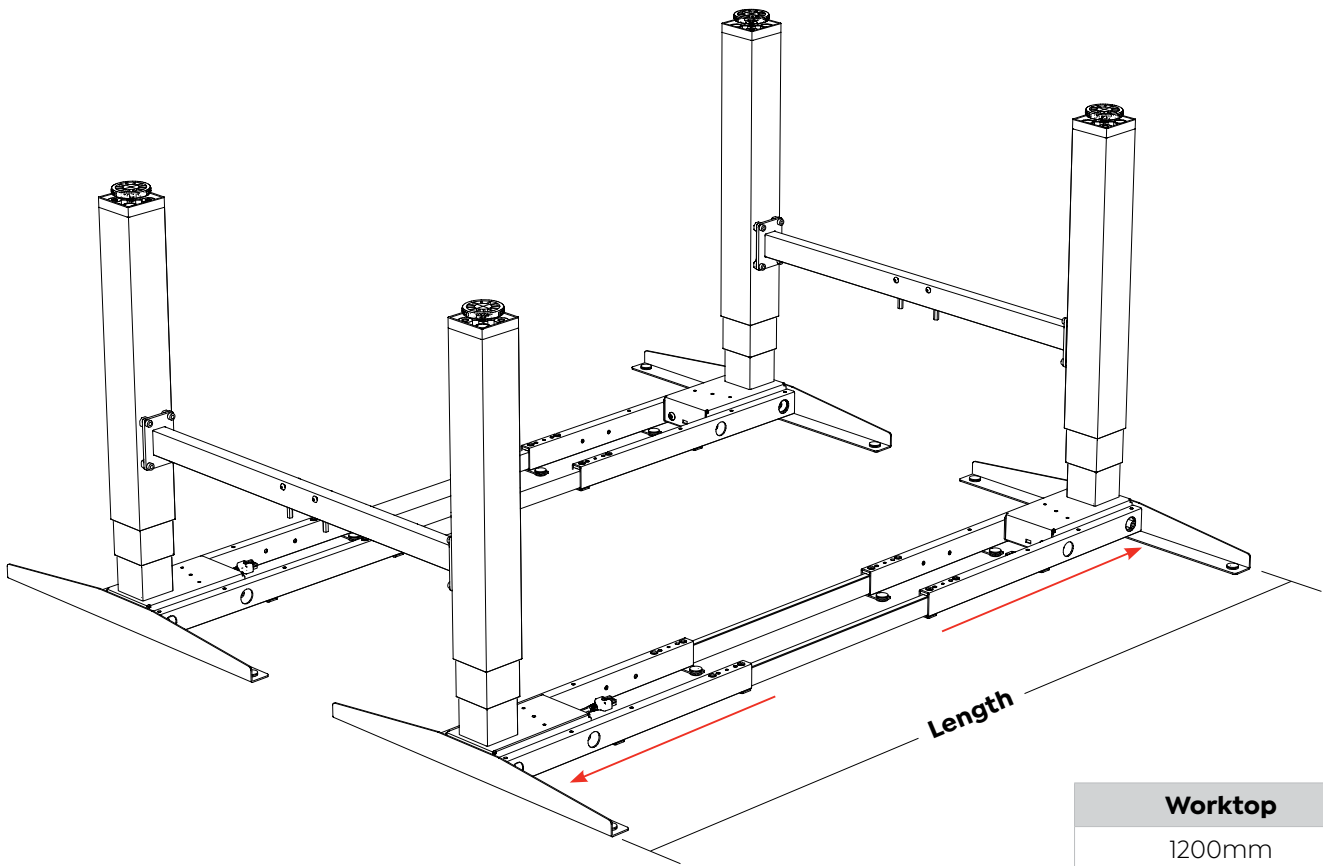
Step 5

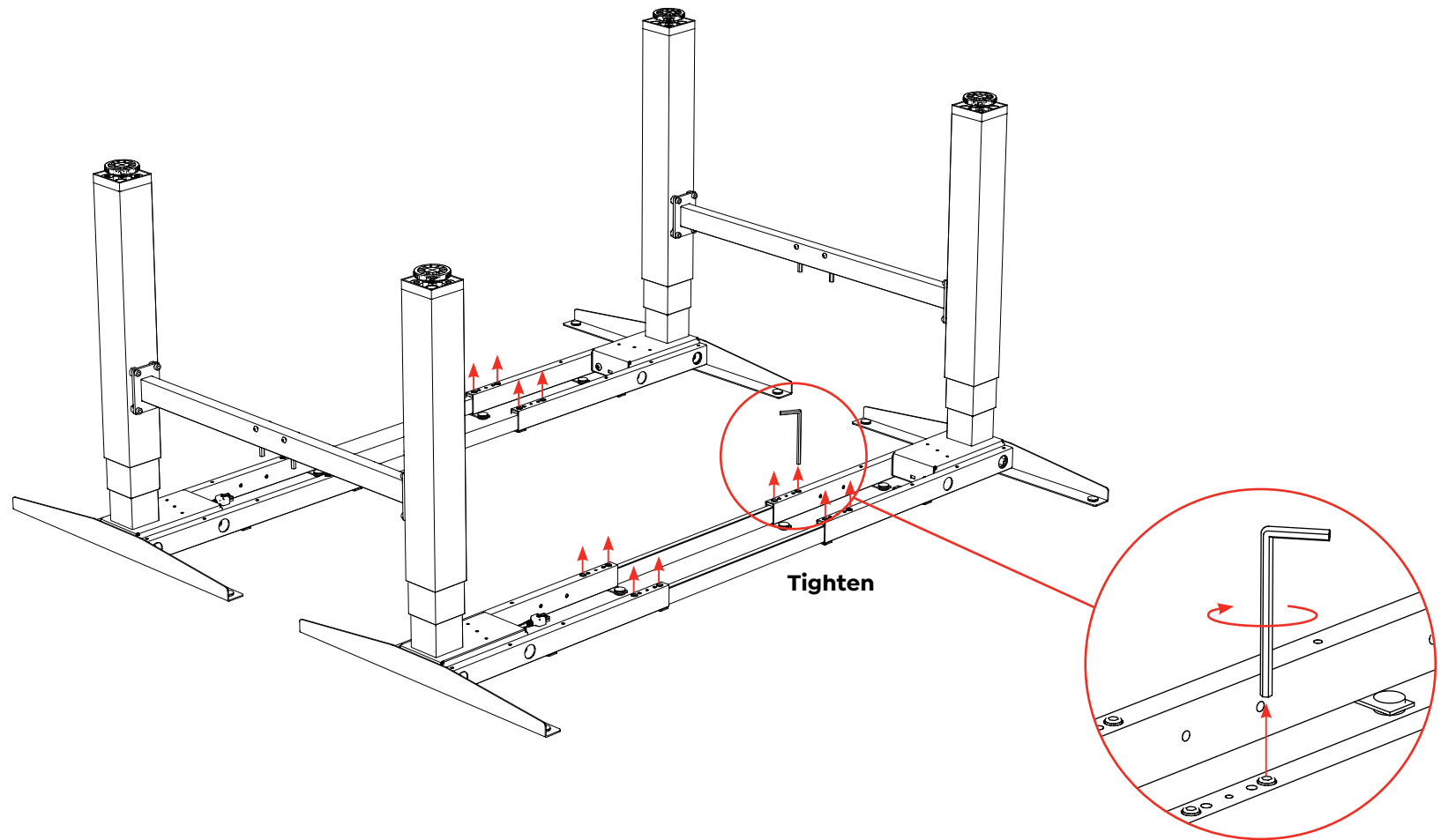16 x M5x10

Velocity - Electric DSD
Assembly Instructions
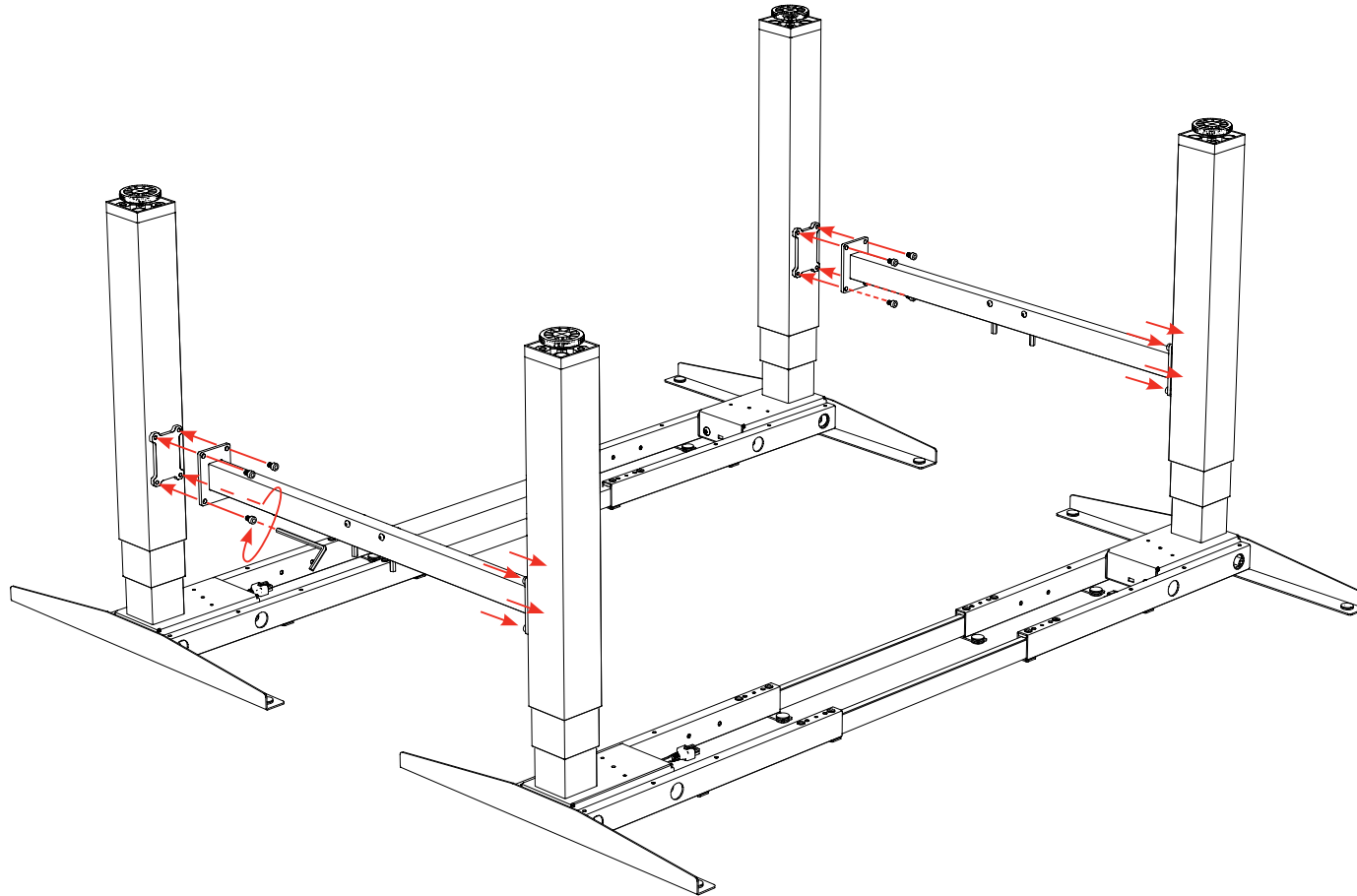
Step 6

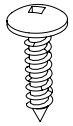
Worktop	Length
1200mm	1125mm
1500mm	1425mm
1800mm	1725mm

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Step 7
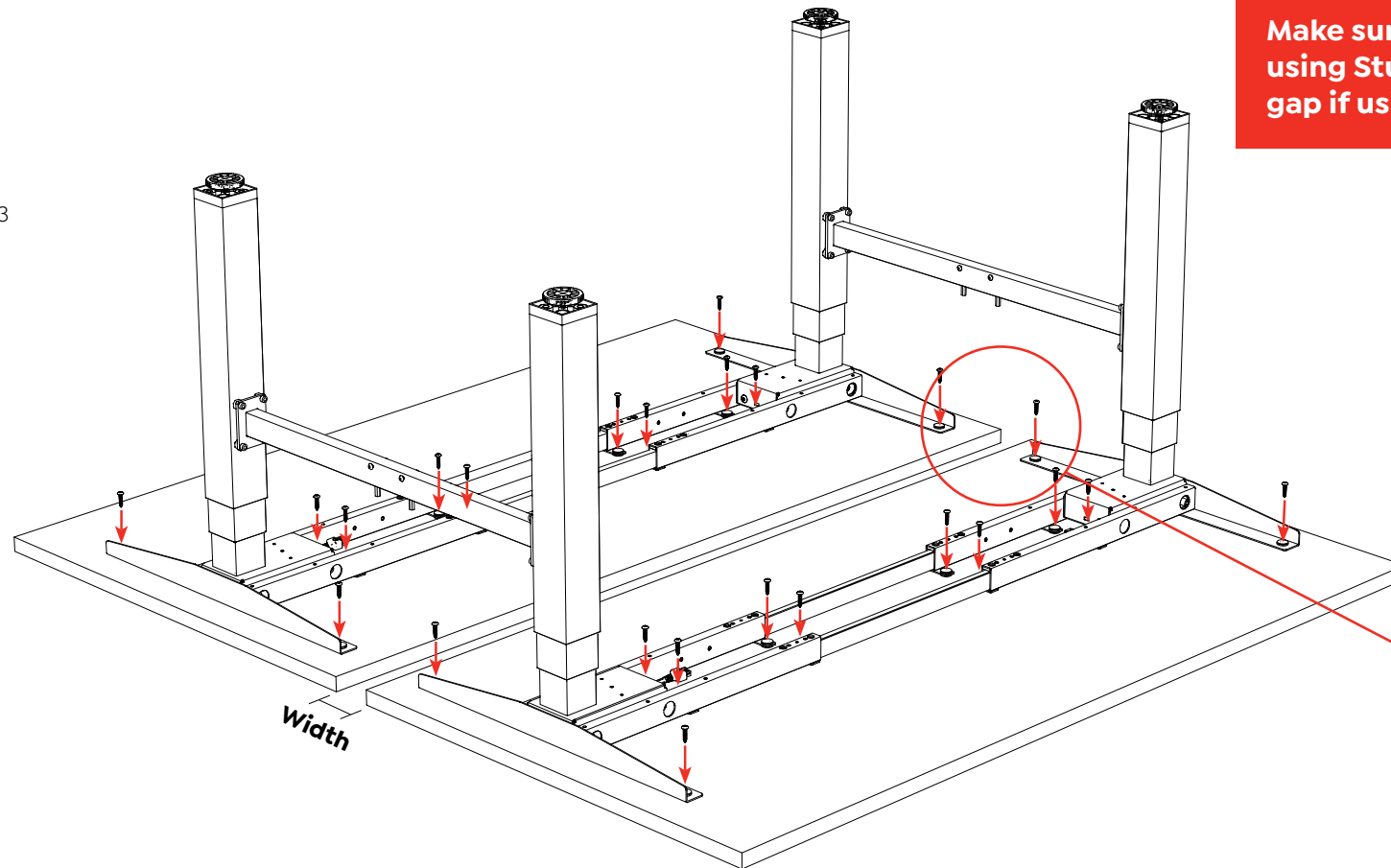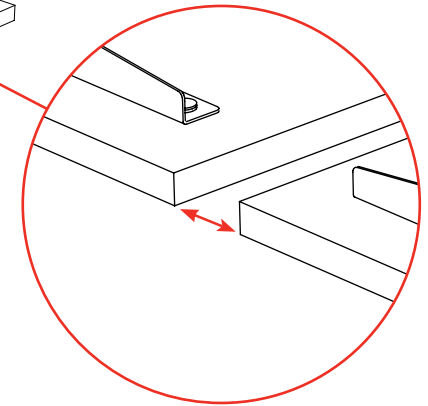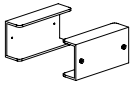

Tighten

Velocity - Electric DSD
Assembly Instructions

Step 8

24 x ST5.0x23

Make sure to leave a 70mm gap if using Studio50 screen or 45mm gap if using Active25 screen.

Width

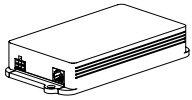# Velocity - Electric DSD
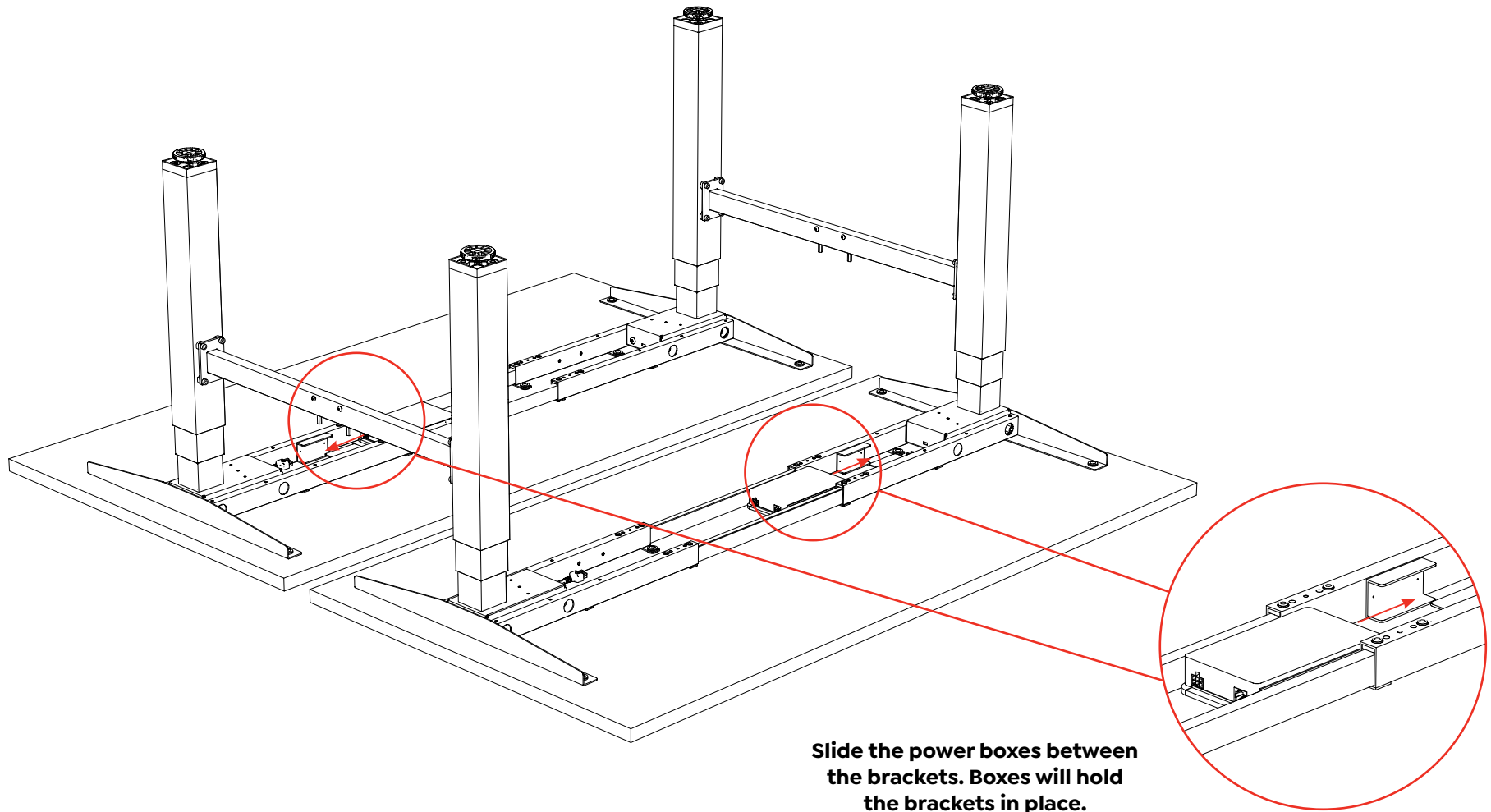**Assembly Instructions**

Step 9

4 x Power Box Brackets
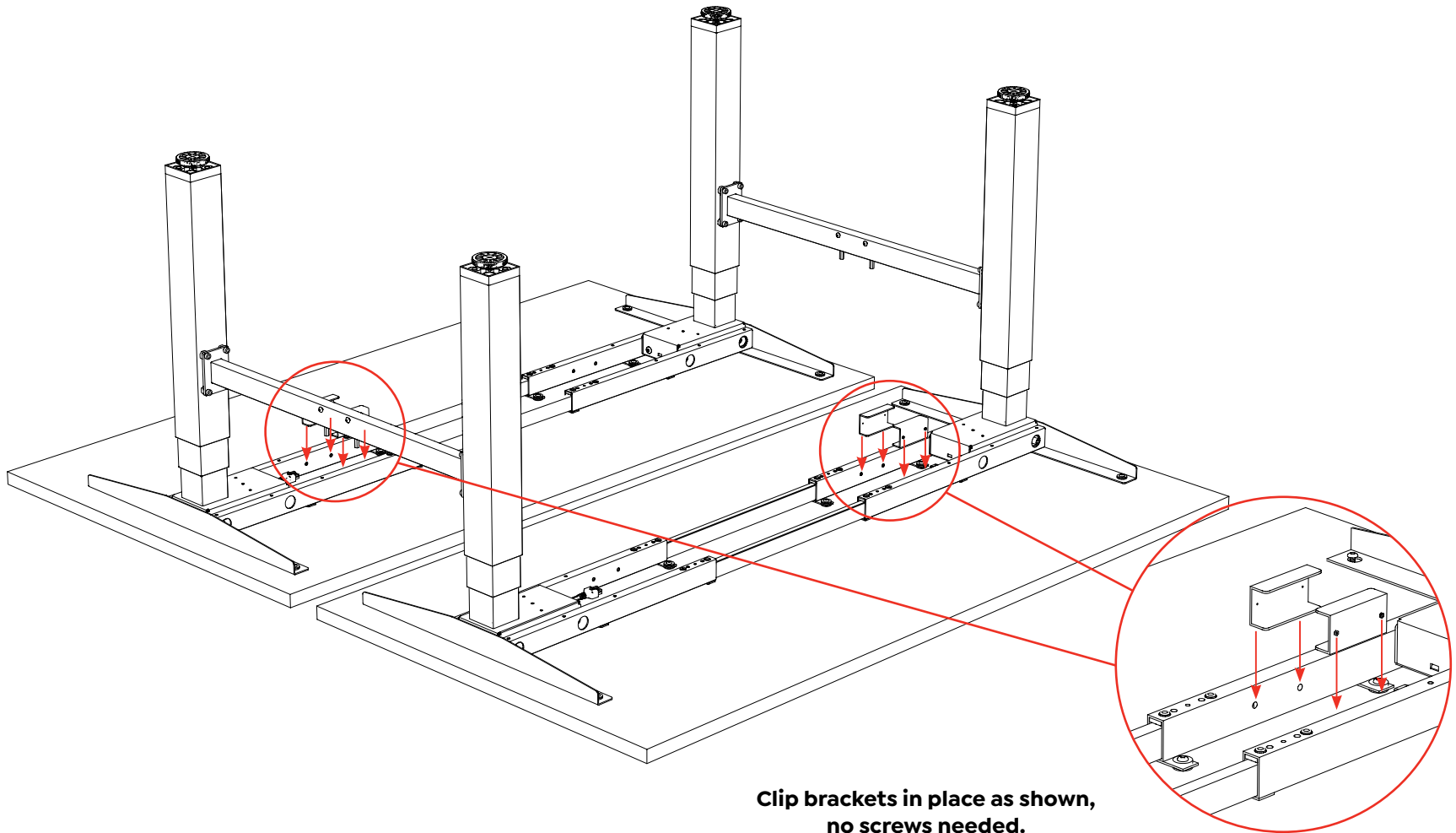
**Clip brackets in place as shown,
no screws needed.**

Step 10

2 x Power Box

Slide the power boxes between the brackets. Boxes will hold the brackets in place.

Assembly Instructions

Step 11

Plug in power cords as shown.

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Step 12

4 x ST4.2x16

Left-hand Location

Right-hand Location

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Assembly Instructions
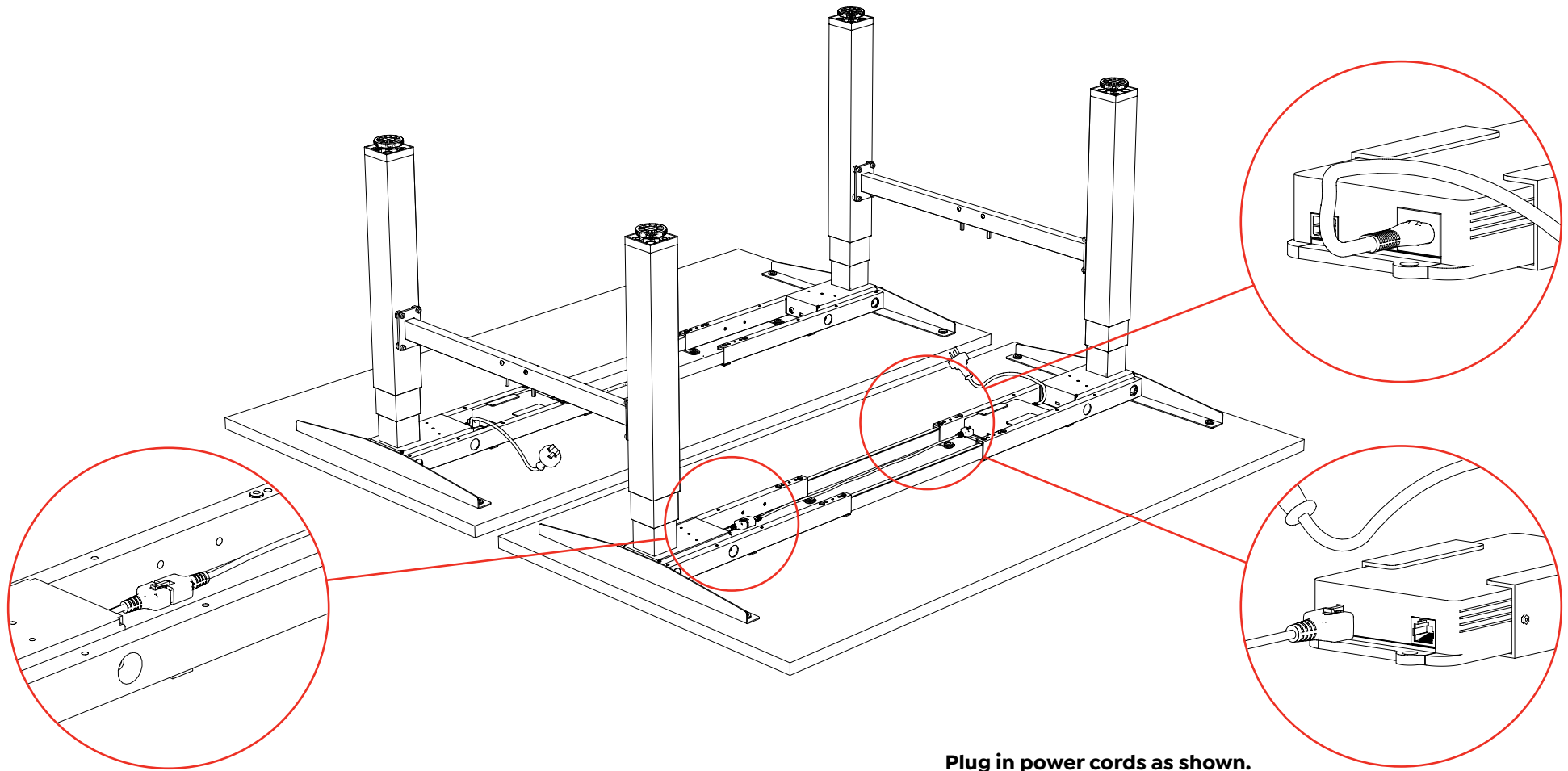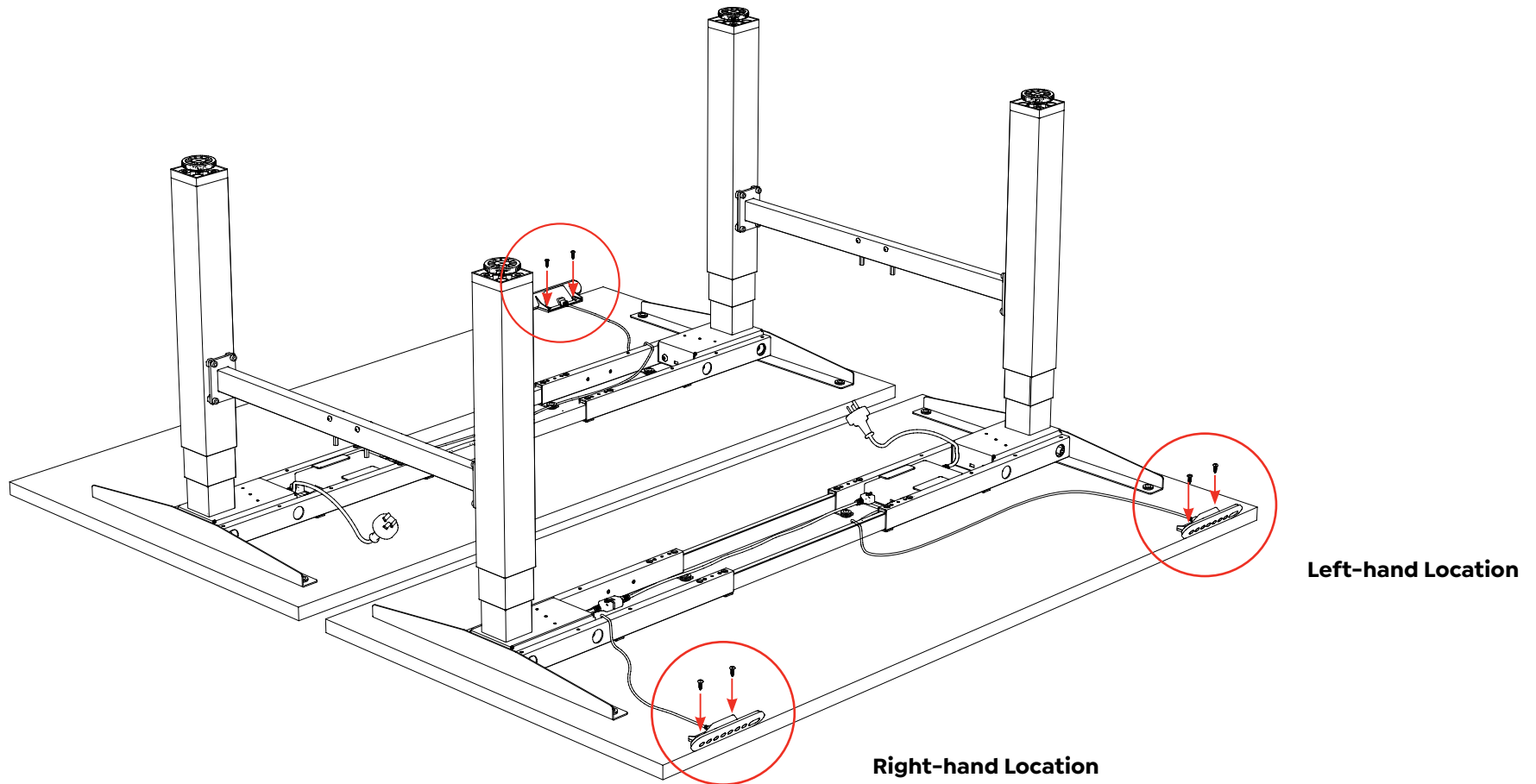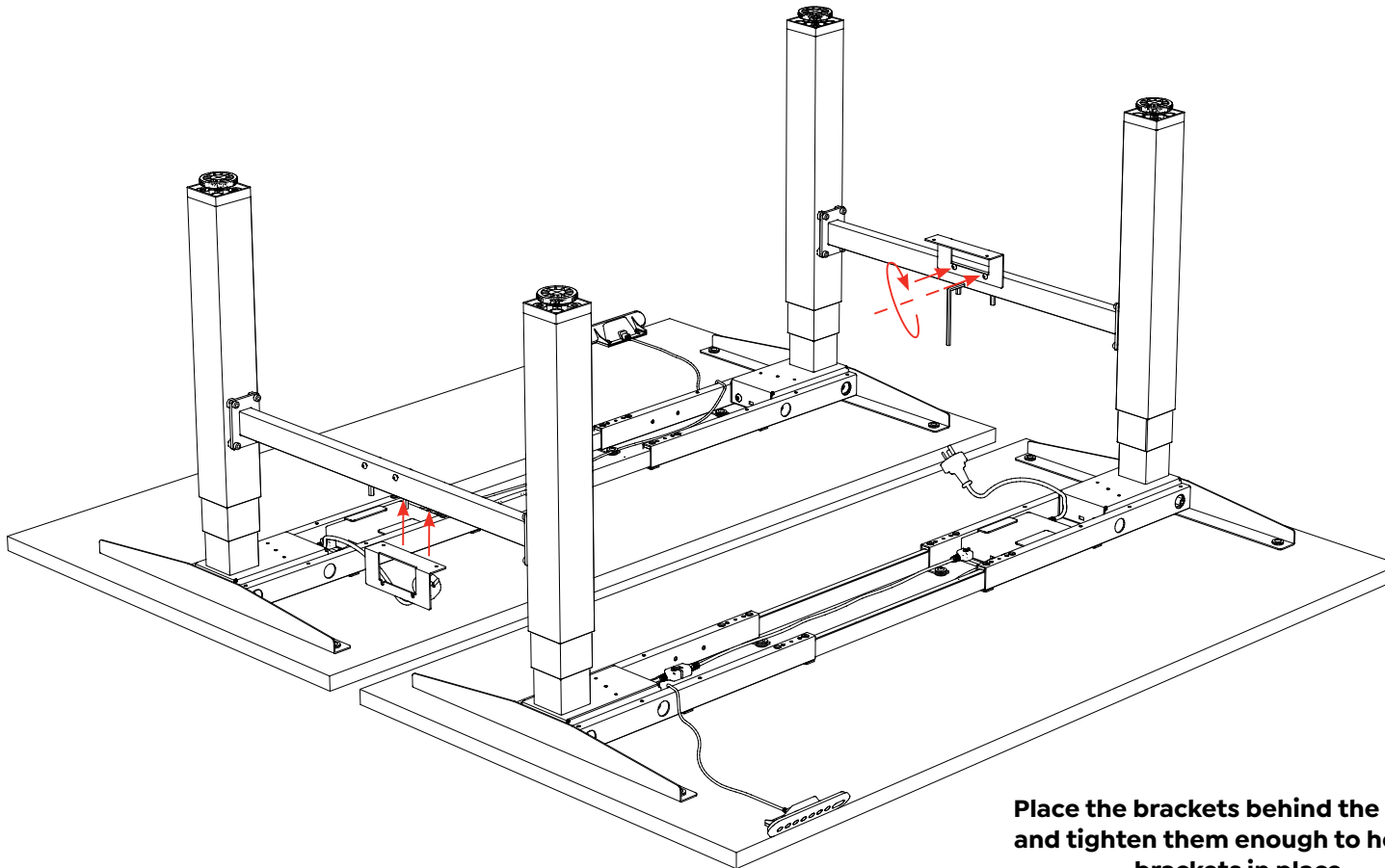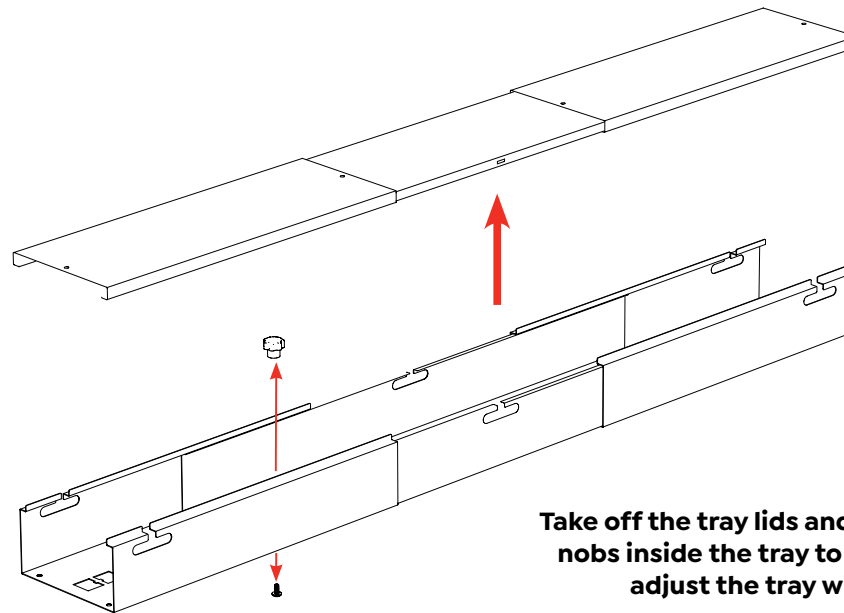
Step 13

Place the brackets behind the screws and tighten them enough to hold the brackets in place.

Step 14

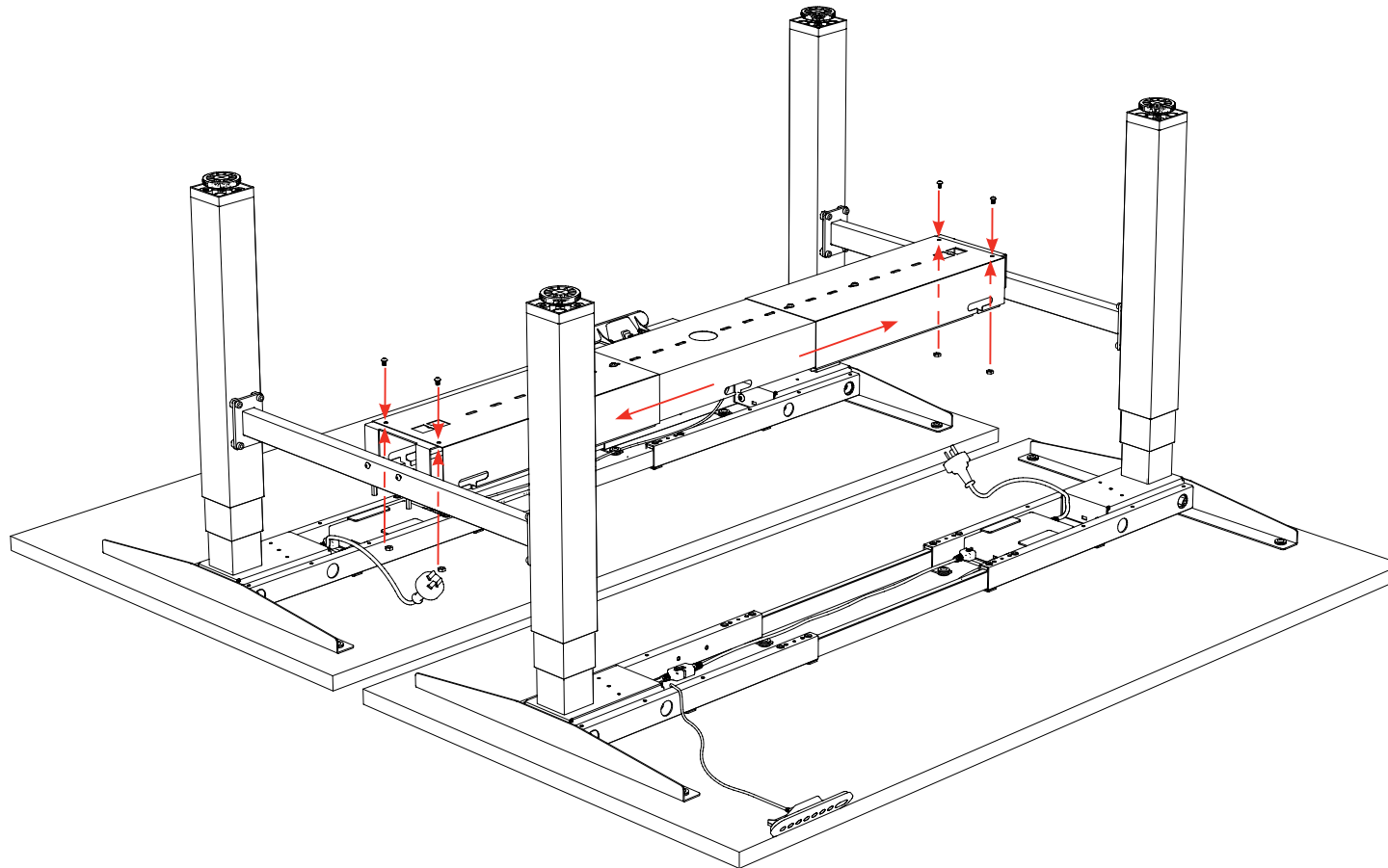**Take off the tray lids and loosen the nobs inside the tray to be able to adjust the tray width.**
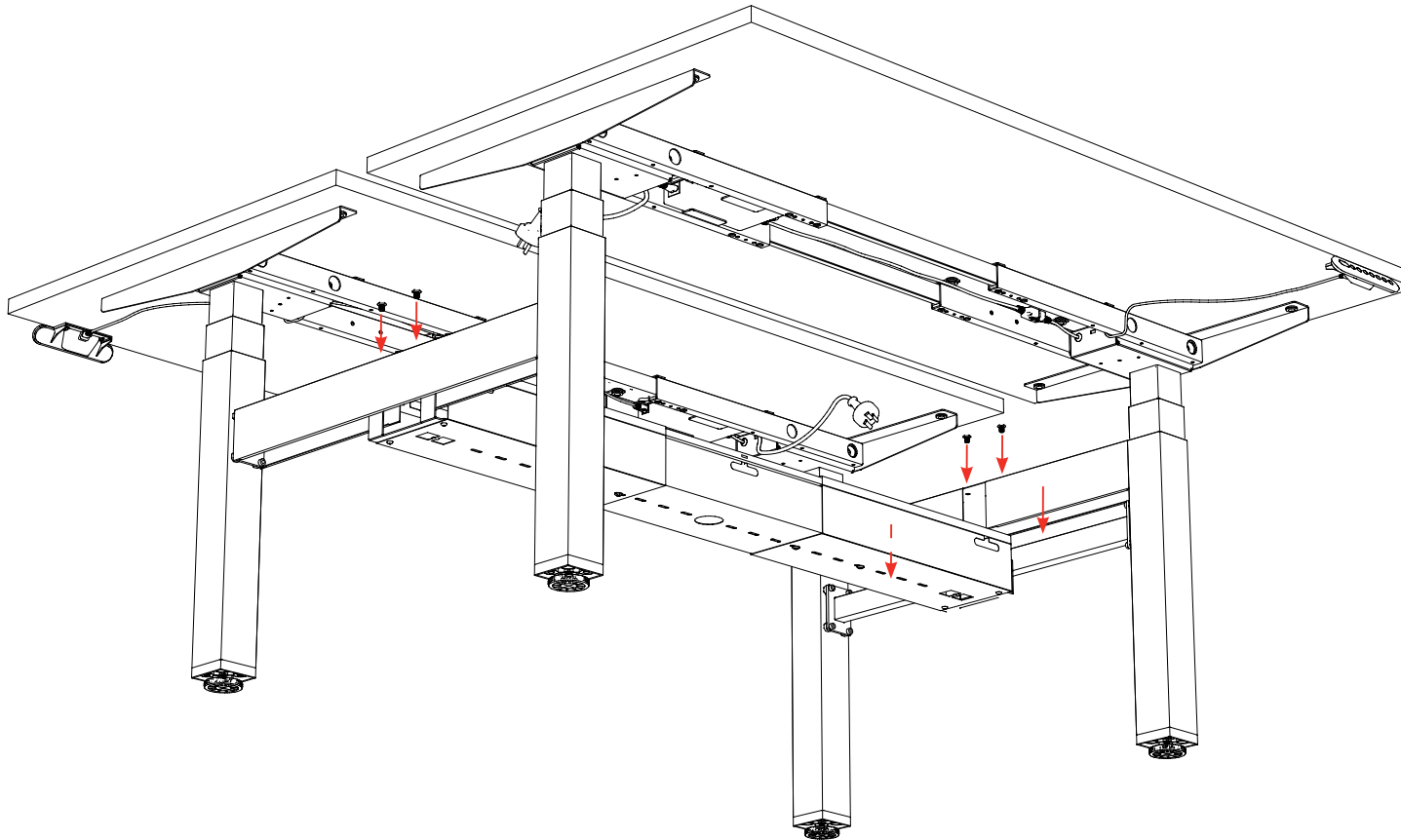
Step 15

4 x M5x10   4 x Nut
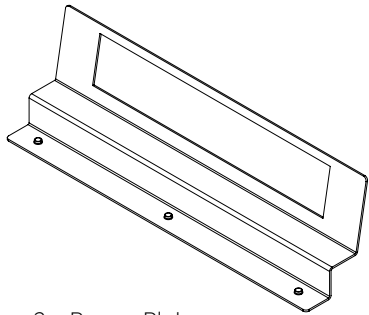
Step 16
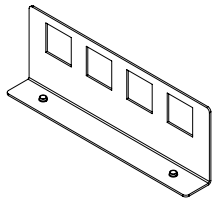
4 x M5x10

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Step 1 - Power & Data Plate

2 x Power Plate

2 x Data Plate

10 x Screws

Assembly Instructions
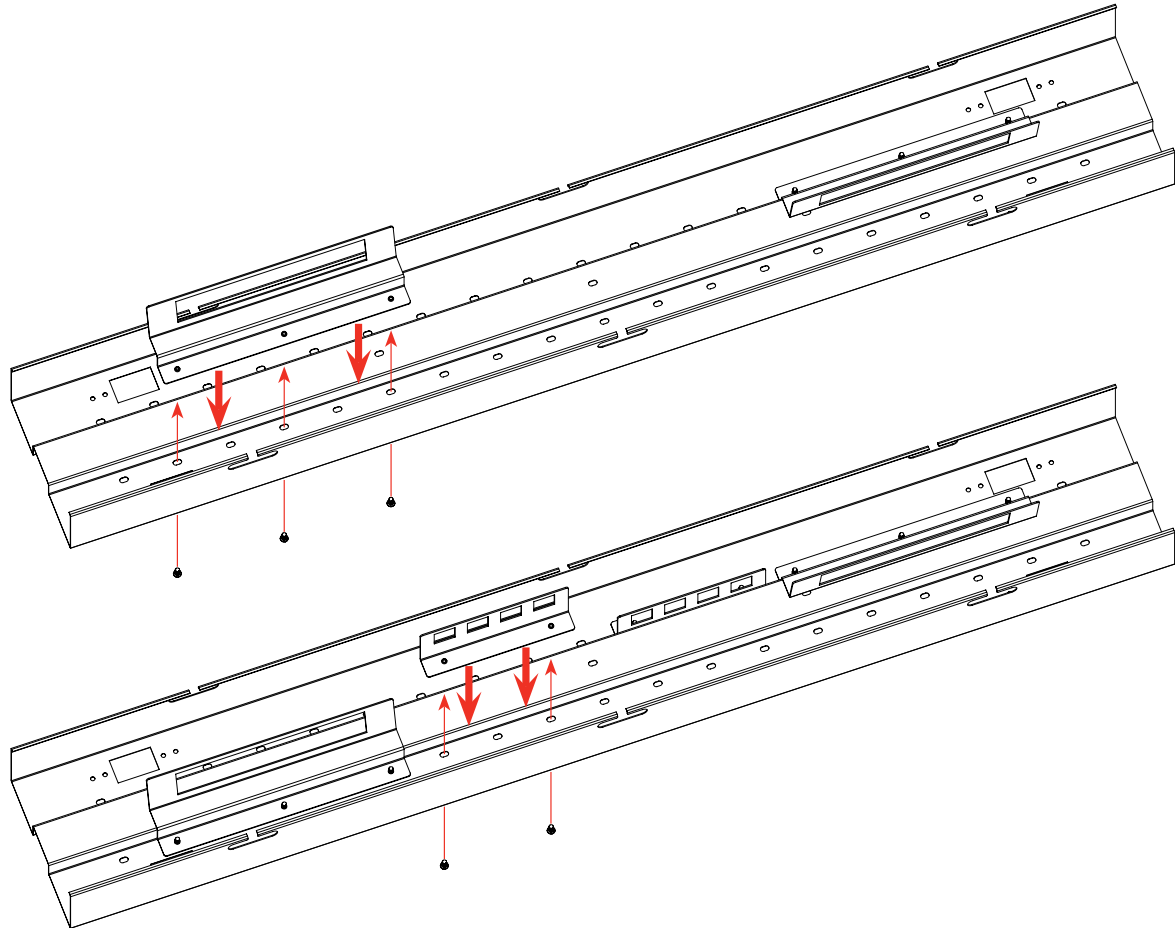
Step 2 - Power & Data Plate
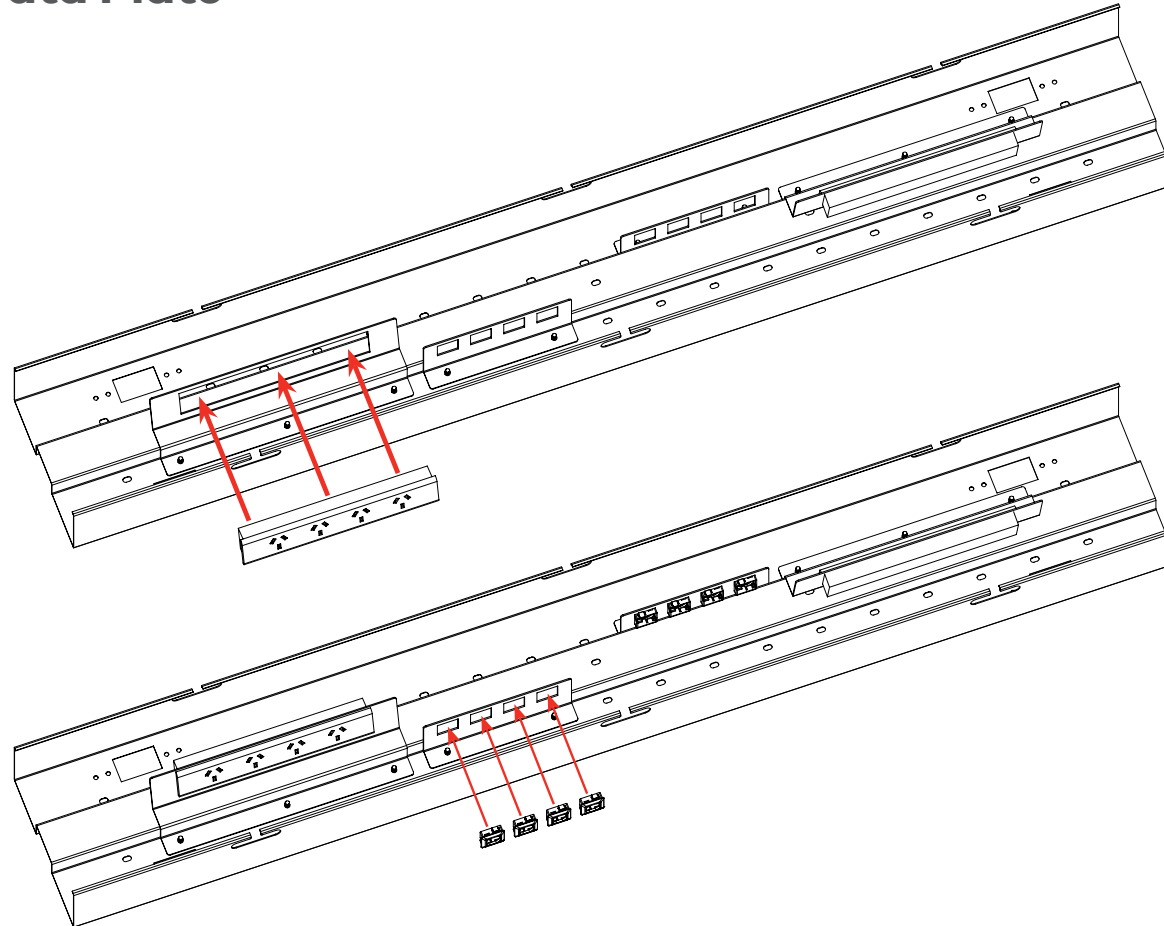
Completed
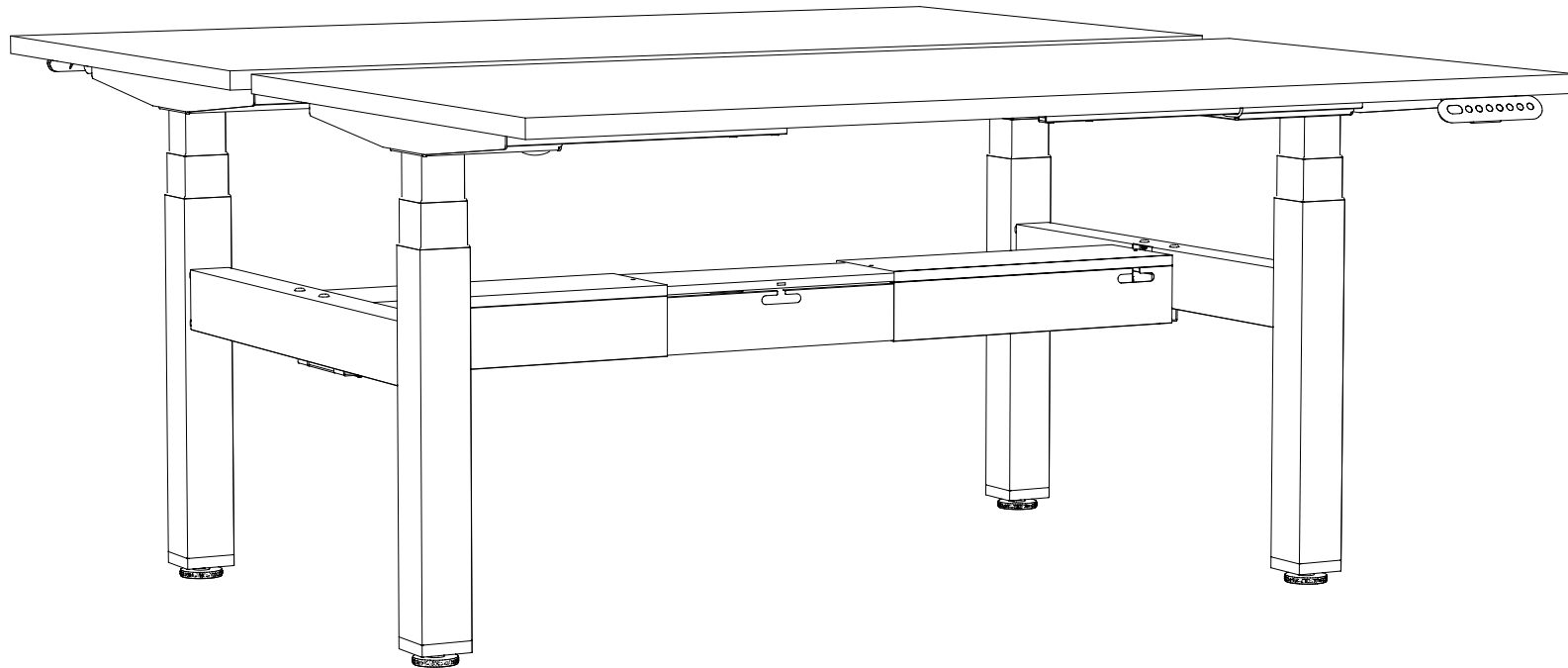
Parts - Studio50
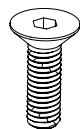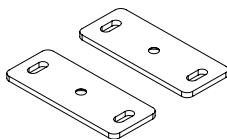
2 x M8x20   4 x M5x10   2 x Screen Bracket   8 x ST5.0x23   4 x Stabilizing Bracket
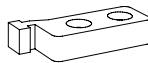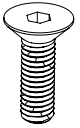
Step 1 - Studio50

2 x M8x20
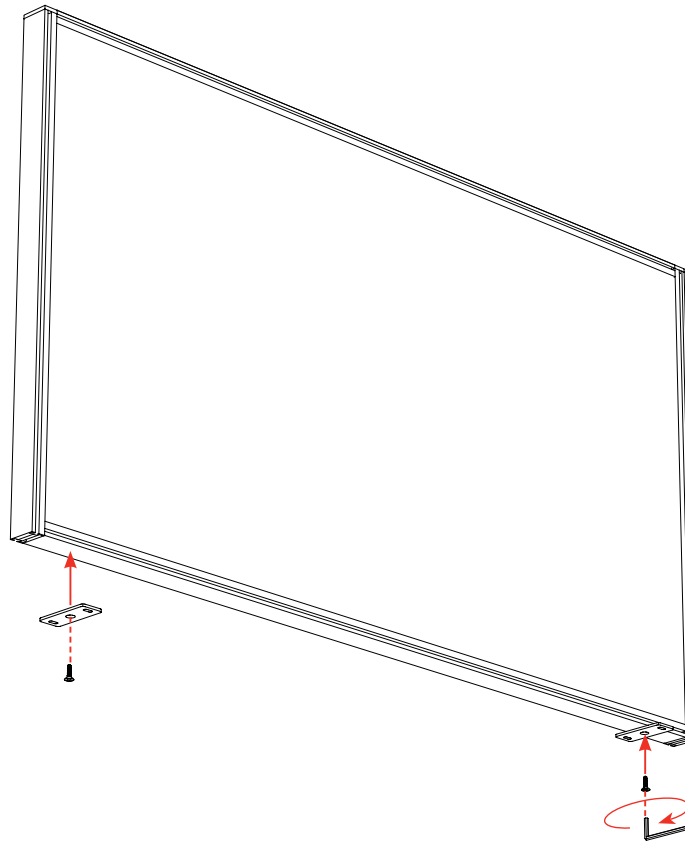
Assembly Instructions

Step 2 - Studio50
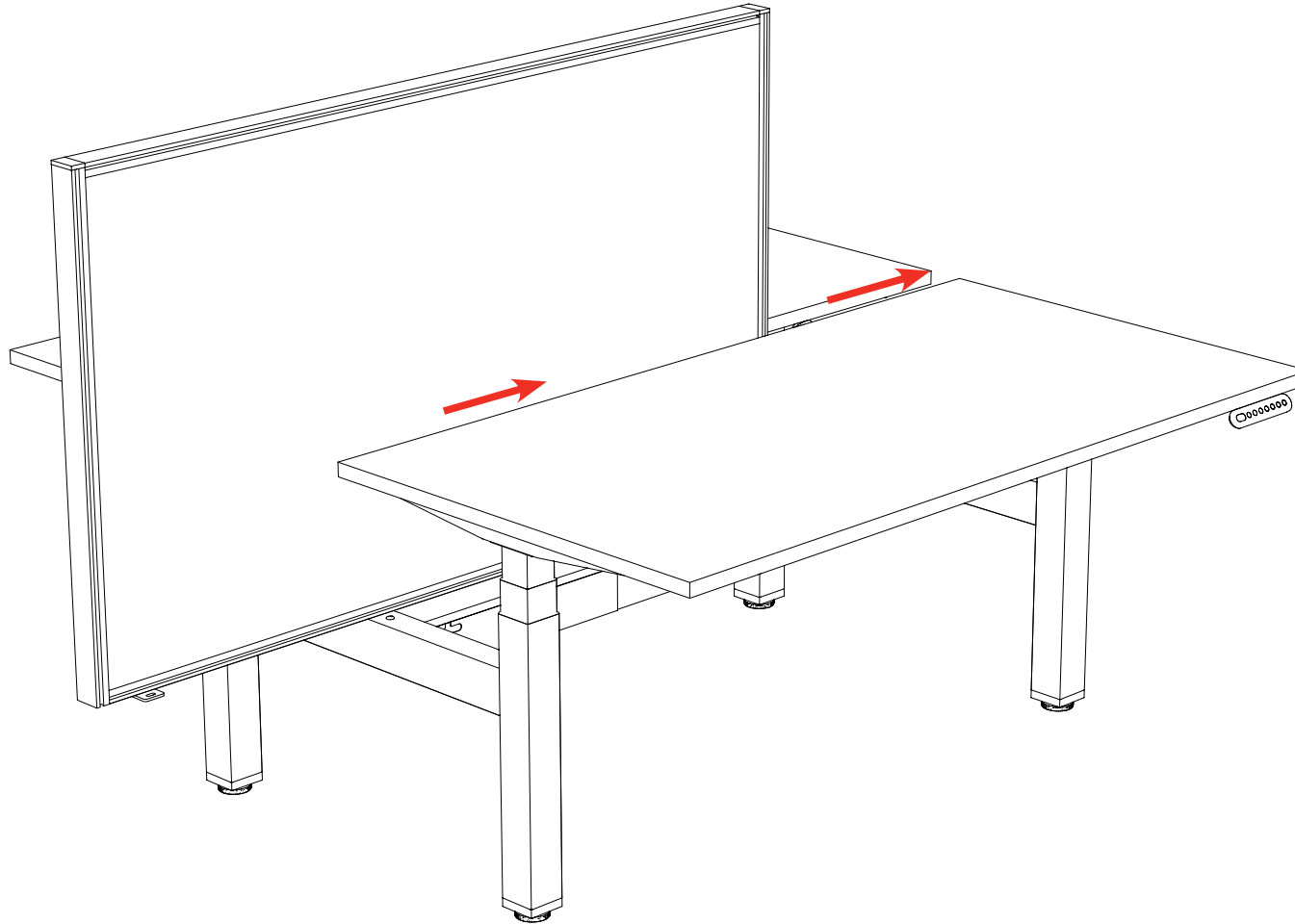
Optional Studio50 or Active25 Screen
Assembly Instructions

Step 3 - Studio50

4 x M5x10
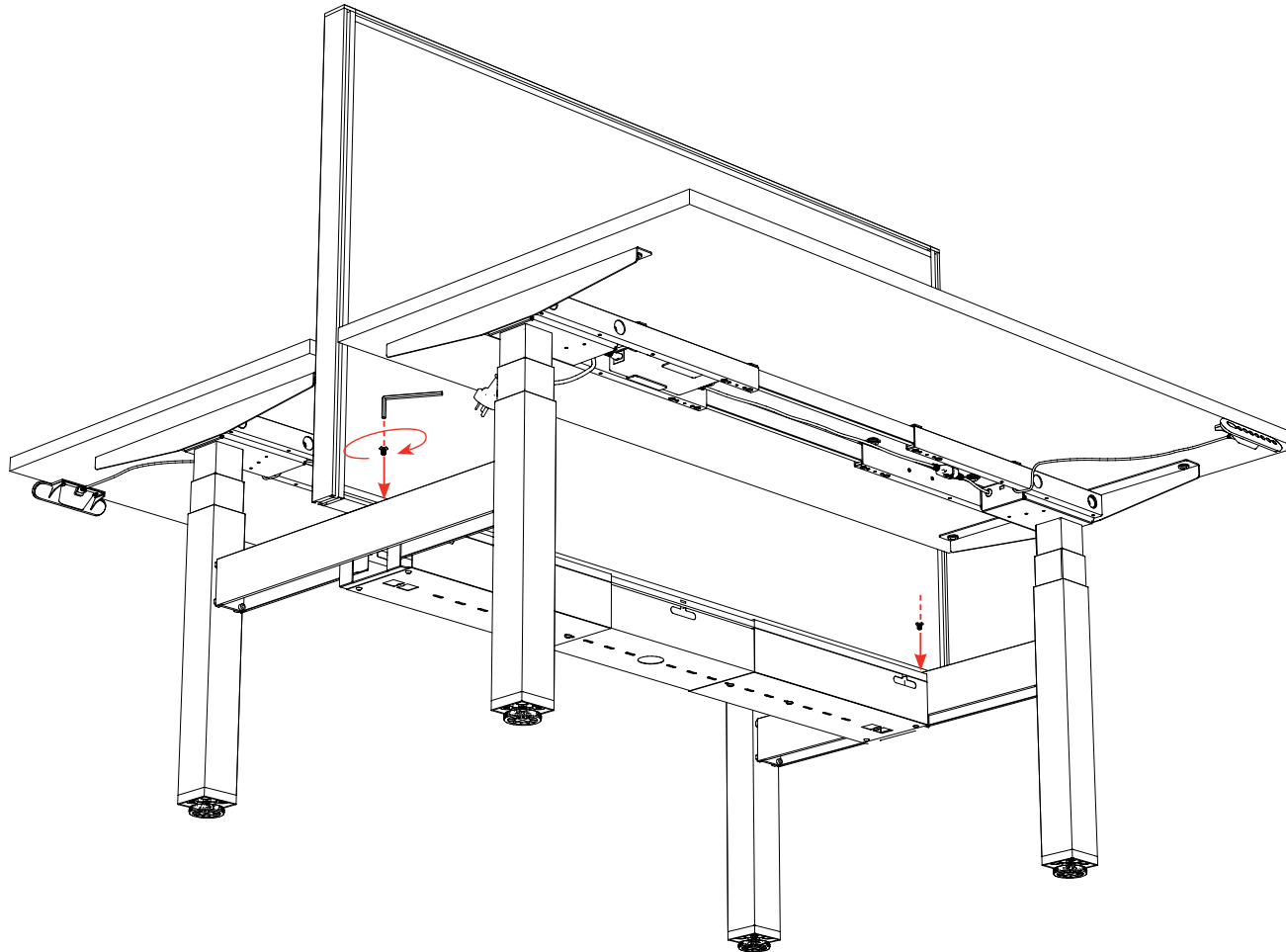
Step 4 - Studio50

8 x ST5.0x23

4 x Stabilizing Brackets

Completed - Studio50
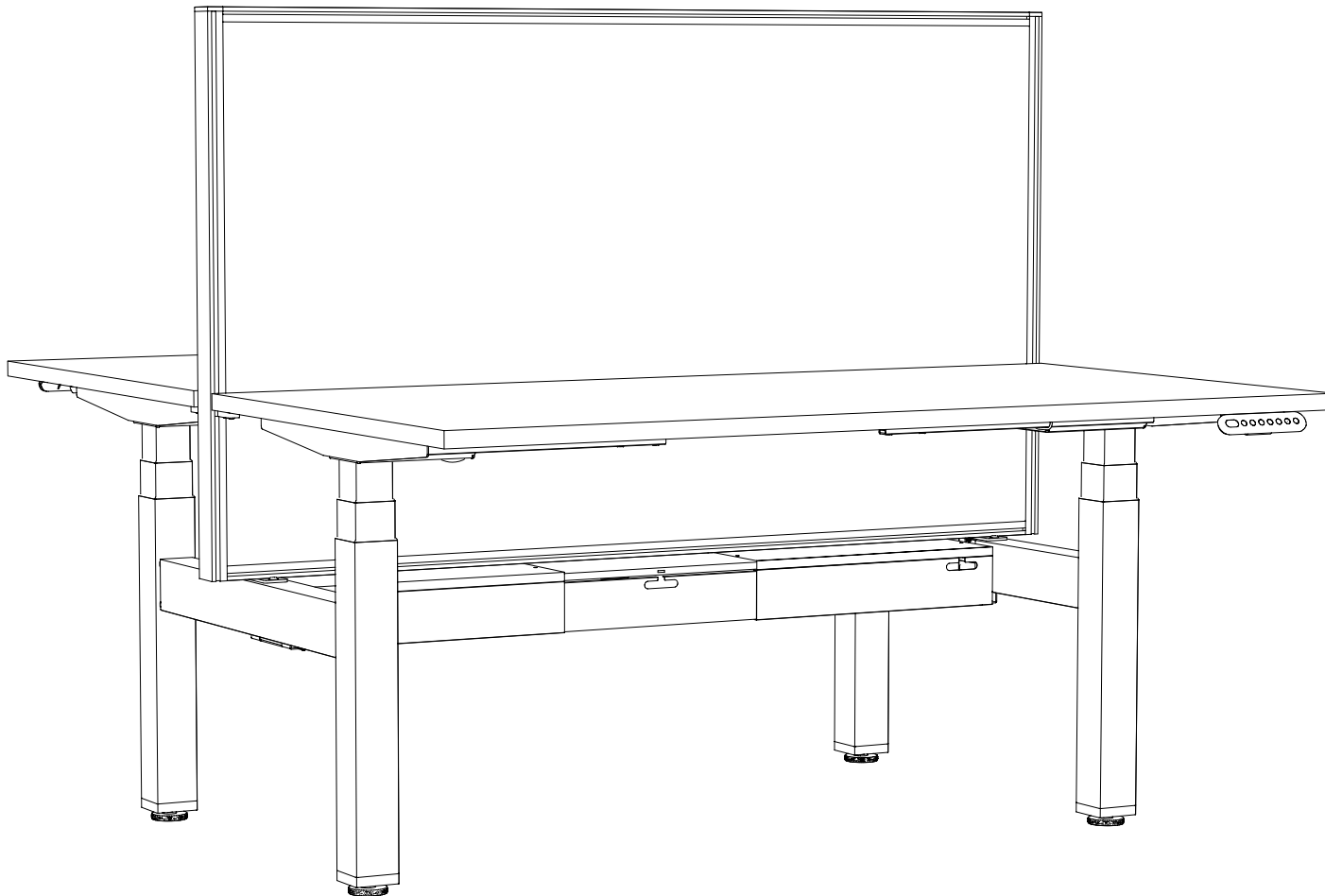
Parts - Active25

4 x M5x10   2 x Screen Bracket   6 x 6.3x25

Optional Studio50 or Active25 Screen
Assembly Instructions

Step 1 - Active25

4 x M5x10

Assembly Instructions

Step 2 - Active25

Assembly Instructions

Step 3 - Active25

6 x 6.3x25
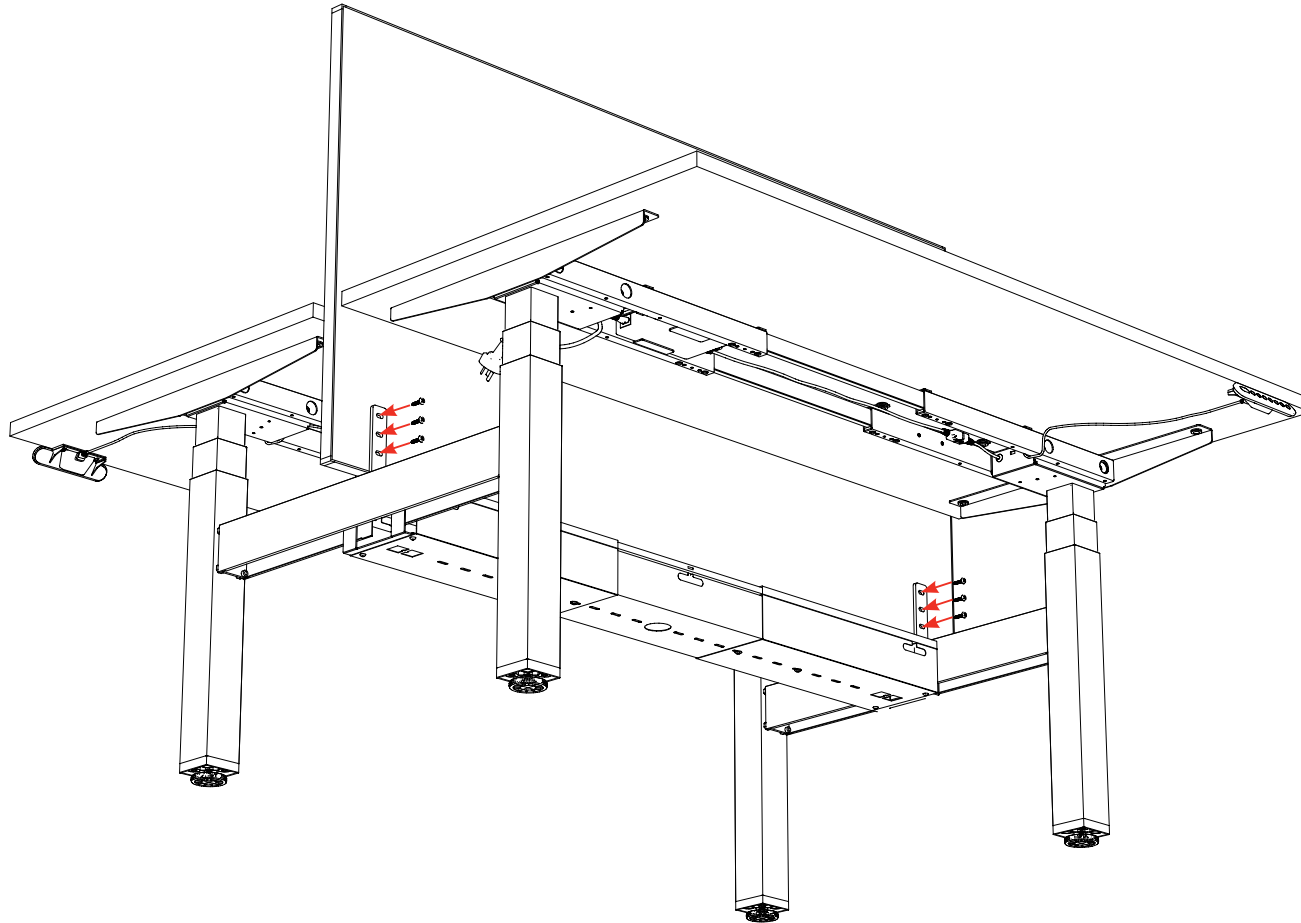
Completed - Active25

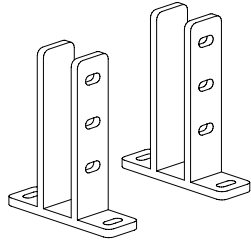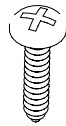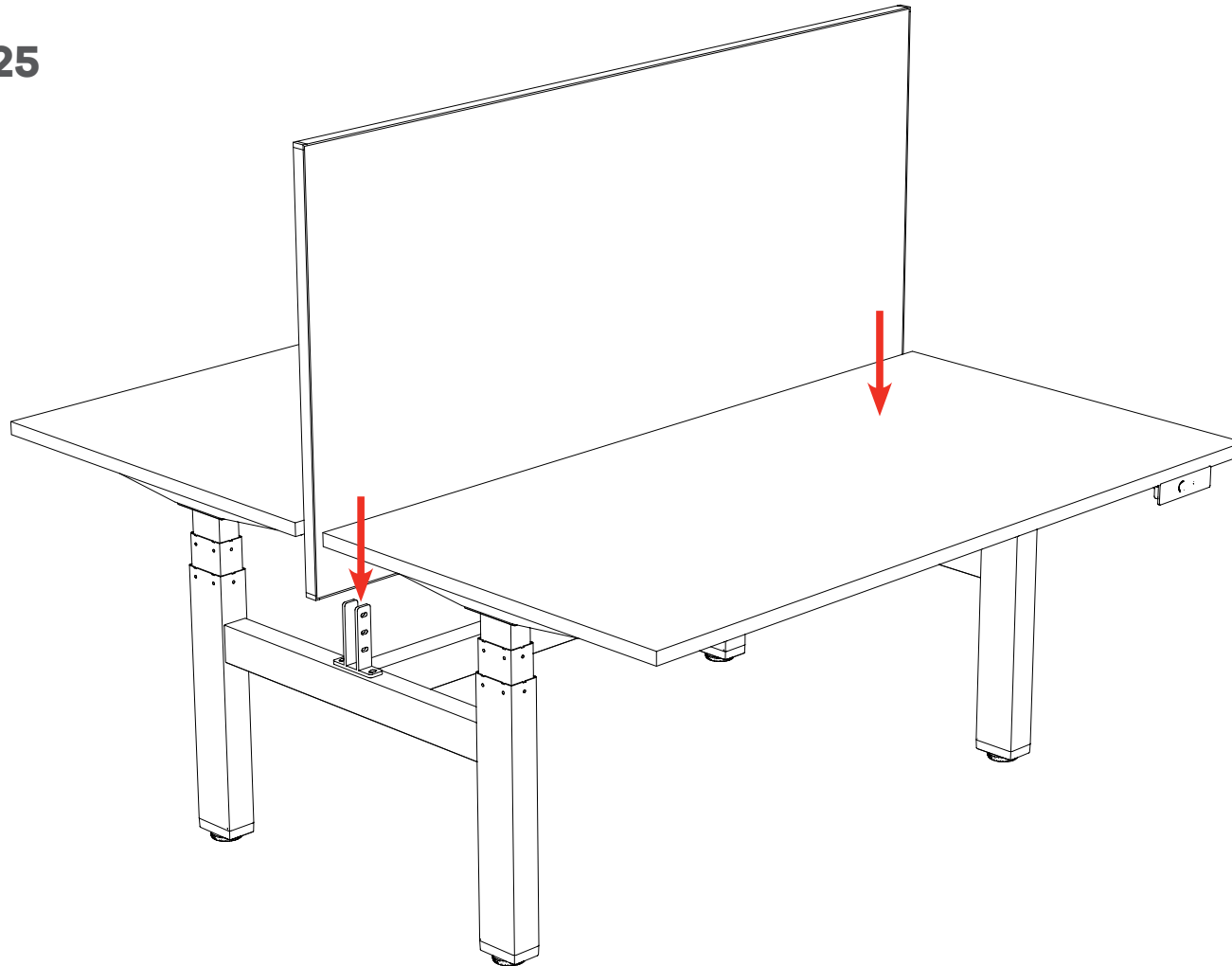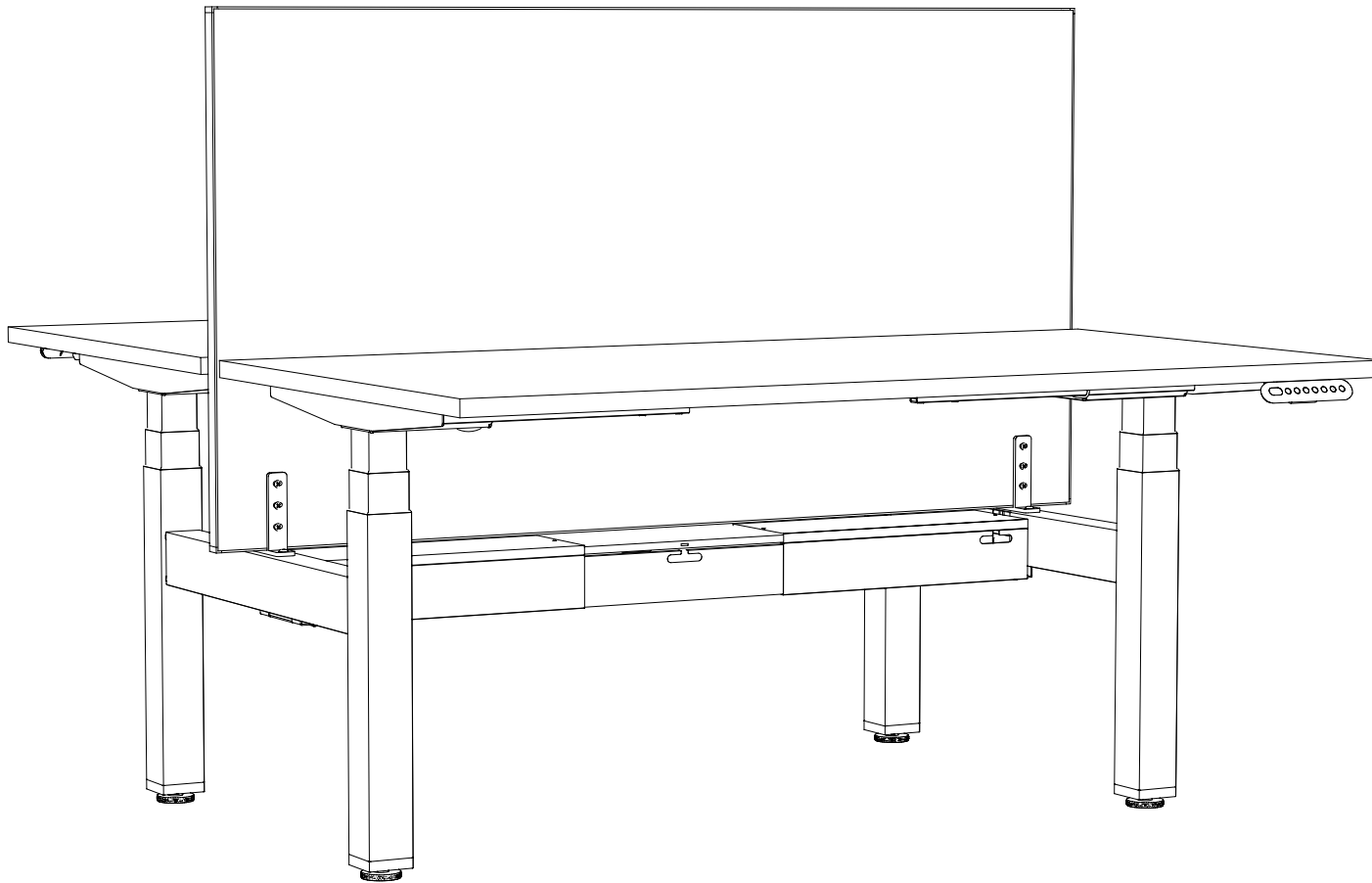# Velocity - Electric Digital Handset Functions
Assembly Instructions

Display Screen   **Up & down Buttons**   **Memory Buttons**   **Set Button**
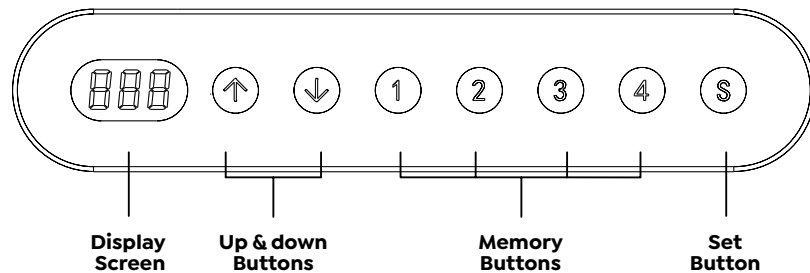
The whole handset surface is a button panel. If there is no press within 30 seconds, the screen is locked and 1/2/3/4/S buttons are locked correspondingly, you should press Up or Down key first,it can be used when the display screen light up.

OPERATION
- **Display Screen** – Shows current height of desk.
- **Up and Down Button** – Press and hold the "UP" or "DOWN" button to adjust desk height until you reach an optimum height.
- **How to Set Memory Buttons** – Adjust desk to preferred height using "UP" & "DOWN" buttons. Press and hold a memory button for 5 seconds until you hear a beep, the memory height is now saved.
- **Memory Buttons** – After setting memory buttons, the desk will auto adjust to the saved height.
- **Set Button** – Auto adjusts desk height to 72cm. This height is the standard optimum height when sitting.

FACTORY RESET
Restore the Factory Settings: When the desk is assembled for the first time, a new controller is installed or the parameters need to be restored to the factory settings, press the "DOWN" and "UP" buttons simultaneously, you will hear the first "beep" after about 5 seconds and a second "beep" after 10 seconds. When the display screen shows "RST", please refer to "Calibration Step 1" below.

CALIBRATION
1. When "RST" is on the display screen, press the "DOWN" button until the desk frame reaches its lowest point. After hearing a "beep" and desk frame rebounds, calibration is completed (Note: The button cannot be released during this operation, otherwise the calibration will fail).
2. Forced Calibration: Press the "DOWN" button until the desk frame reaches its lowest point, then release the button and press it again for about 5 seconds until hear a "beep" and desk frame rebounds, and the calibration is completed.

SAFETY FUNCTION
When the desktop is moving up or down and encounters reverse resistance, the desk will rebound.

ERROR CODES

Error and Fault	Solution
E01, E06, E07 = Power Fault	Power off and restart. If fault still exists there is a motor problem.
E02 = Synchro Height Over 10mm	Implement the calibration step 1.
E04 = Handset Fault	Unplug and replug the cable of hand set. Power off and restart.
E05 = Anti-collision Alert	Rebound reminder, normal condition.
E08 = Desktop Sloping	Check the desktop.
E11, E21, E40, E41 = Connection Cable Failure	Check the connecting cable.
E12, E22, E42, E43 = Controller Fault	Exchange the controller.
E14~E17, E24~E27 = Motor Fault	Change motor.
E18, E28 = Overloading	Reduce the loading.
Hot = Overload Power Protection	Automatic recovery after stop using for 20 minutes.

ADVANCED FUNCTION SETTINGS
Limited Height Setting: Press "UP" and "DOWN" buttons for 5 seconds until you hear a 'beep', limited height setting success.
(minimum limited height < 96, maximum limited height > 97).
Cancel the Function: Run to the limit height and press "UP" and "DOWN" buttons again for 5 seconds until you hear a beep sound, limited height cancel.
Lock and Unlock: Press "UP" and "S" buttons, screen display "LOC", system locked. Press "DOWN" and "S" buttons, screen display "LOC", system unlocked.

Press "SET" button for approx 10 seconds until digital screen displays S-1.
Press the "UP" or "DOWN" buttons to choose from the following.

S-1 = Metric and Inch Exchange
Select "up" & "down" buttons to navigate to selection
0 – Metric
1 – Inch
Press "SET" button to make selection and save.

Assembly Instructions

S-2 = Anti Collision Sensitivity
Select "up" & "down" buttons to navigate to selection
0 - Shut down
1 - The most insensitive
8 - The most sensitive
Press "SET" button to make selection and save.

S-3 = Sensitivity of Upwards Anti Collision
Select "up" & "down" buttons to navigate to selection
0 - Shut down
1 - The most insensitive
8 - The most sensitive
Press "SET" button to make selection and save.

S-4 = Sensitivity of Downwards Anti Collision
Select "up" & "down" buttons to navigate to selection
0 - Shut down
1 - The most insensitive
8 - The most sensitive
Press "SET" button to make selection and save.

S-5 = Basement Height Setting
Use "up" & "down" buttons to adjust the basement height.
Press "SET" button to make selection and save.

S-6 = Memory Key Operation
Select "up" & "down" buttons to navigate to selection
0 - Long pressing desk running, hands off desk stop running
1 - Click desk running, second click to stop running
Press "SET" button to make selection and save.

S-7 = Overheat Protection
Select "up" & "down" buttons to navigate to selection
0 - Shut down
1 - Turn on (Continuous operation for two minutes, error HOT)
Press "SET" button to make selection and save.

S-8 = Desktop Tilt Angle Setting
Select "up" & "down" buttons to navigate to selection
0 - Shut down
1 - 0.5°
2 - 1.0°
3 - 1.5°
4 - 2.0°
5 - 2.5°
6 - 3.0°
7 - 3.5°
8 - 4.0°
Press "SET" button to make selection and save.

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