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Handleiding

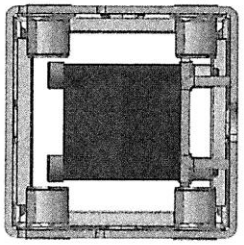
Ultradjust E1 & E2

UltrAdjust

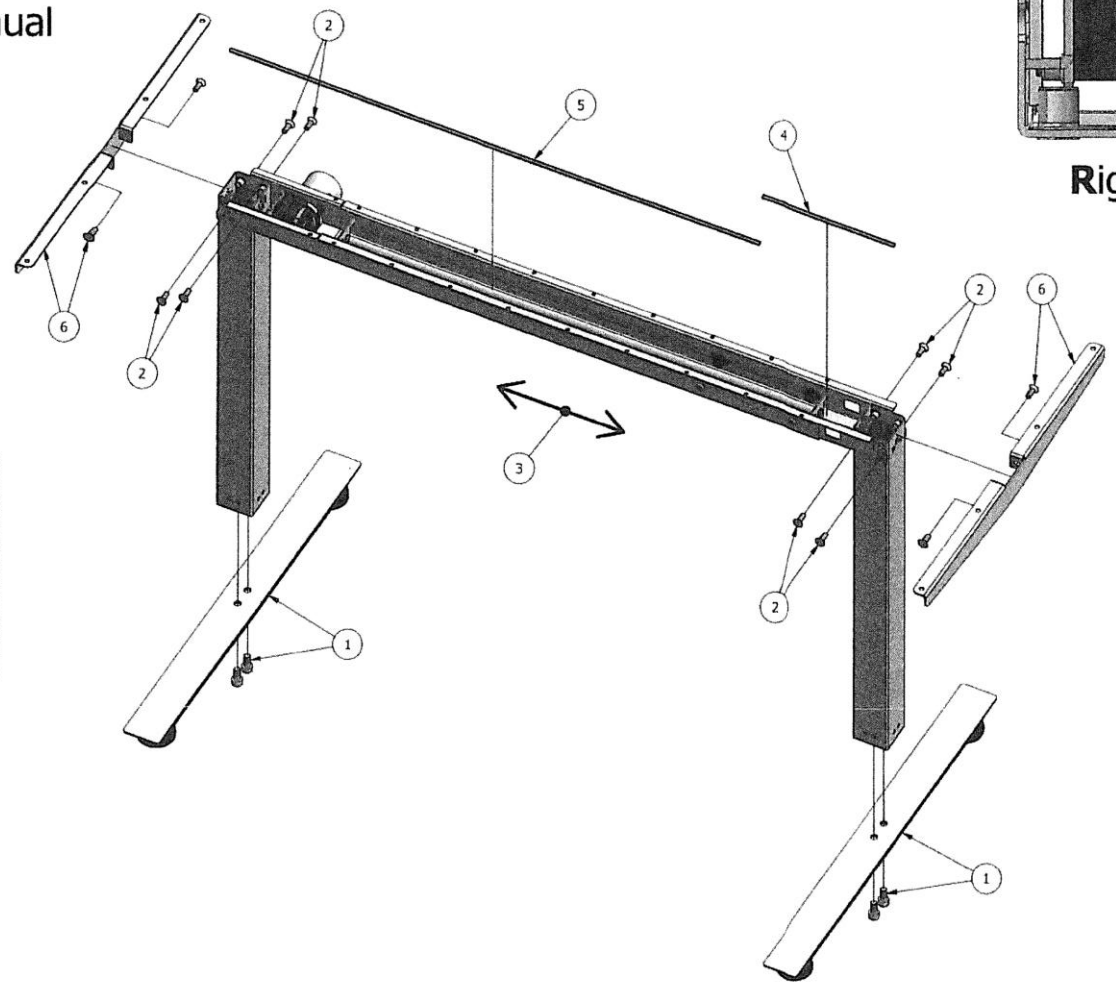
E1 / E2

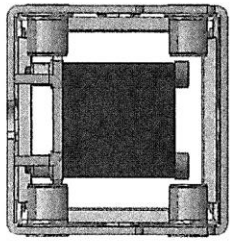
Height-adjustable Table

Assembly manual



Left side





Right side

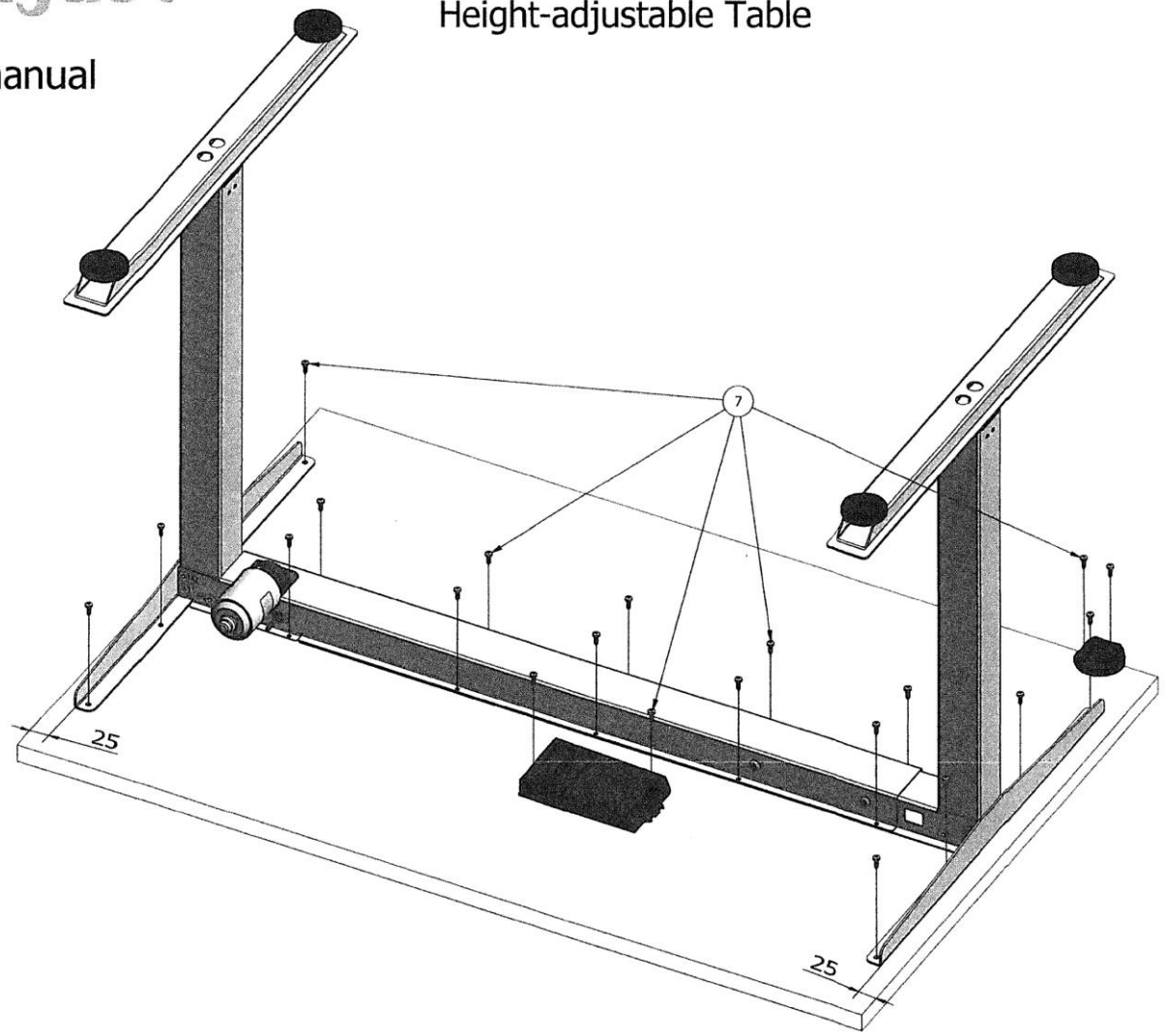
List 1

UltrAdjust

E1 / E2

Height-adjustable Table

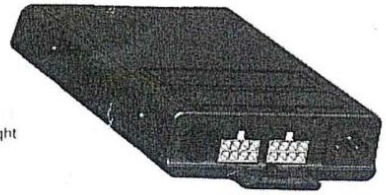
Assembly manual



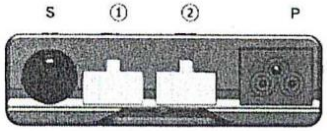
List 2

SMART-e-2 Control Unit

Standby mode max. 0.1 W
Overvoltage protection
Maximum lifting speed 30 mm/s
Safe zone
Intelligent anti-collision system
Parapet-stop / Container-stop
Storing of the last set position of desk height
Working cycle monitoring

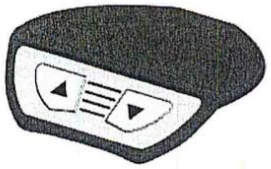


Connection Options



S - controller plug socket
① - 1-motor desk plug socket (EXPANDER / SIMPLE) or motor 1 plug socket (VERTEX)
② - motor 2 plug socket (VERTEX)
P - service cable plug socket

Compatible Controllers



HSM Controller
2 buttons for desk movement (up/down)

HSU Controller
Display with desk height indication in cm (incl. desk)
4 positions for desk height storing
2 buttons for desk movement (up/down)

PARAPET-STOP / CONTAINER-STOP

Both functions enable the user to set the desk lifting limit by determining the lower and upper lifting limit for the desk to move within.

- The functions are activated and deactivated using the controller by pressing both arrow buttons △ + ▽ and holding them for a minimum of 10 s.
- The container-stop function is automatically detected in the lower half of the desk travel and the Parapet-stop function in the upper half of the desk travel.
- To make the user setting of the lower lifting limit (Container-stop), lift the desk to the required position in the lower half of the travel and activate the function. To set the upper lifting limit (Parapet-stop), lift the desk to the required position in the upper half of the travel and activate the function again.
- The control unit clicks twice upon the function activation and once upon deactivation.
- Activating these functions in no way enables exceeding of the set lifting limit. In order to enable exceeding the set lifting limit, deactivate the functions.

INITIAL CONNECTION AND COMMISSIONING

1. Plug all required connectors in the correct sockets in the control unit.
   In case on 1-motor desk (EXPANDER / SIMPLE), connect the motor using the supplied conversion cable.
2. Connect the desk to power supply using the service cable from the control unit.
3. Perform the desk initialization.

DESK INITIALIZATION

The desk initialization means setting the lowest possible initial position for further height adjustment as required.

- Perform initialization by pressing and holding the down-arrow button ▽.
- The desk goes does to the lowest position and slightly bounces upwards.
- Following the initialization, the desk is ready for normal operation.

STORING OF THE LAST SET POSITION OF DESK HEIGHT

The control unit has a memory for storing the last set position of the desk in case of power supply interruption, for instance, during relocation or in case of sudden power outage.

- When the motor is disconnected from the control unit, this memory is deleted and it is required to perform the desk initialization (see DESK INITIALIZATION).
- In case of excessive loading of the desk or long standing of the desk without moving, it is recommended to repeat the desk initialization from time to time in order to ensure accurate communication of the control unit with the desk motor.
- To repeat the desk initialization, get the desk to the lowest initial position and press and hold the down-arrow button ▽ for a minimum of 5 s.

WORKING CYCLE MONITORING

The control unit monitors complying with the desk working cycle, thus protecting itself against overheating in case of frequent height adjustment above the working cycle limit.

- The maximum desk working cycle is 2 minutes of continuous operation followed by 18 minutes of idling.
- Upon exceeding the continuous operation limit, the desk stops and the control unit does not respond to any commands for the period of the required idling, however, for maximum period of 18 minutes. After the required idling time expires, everything is fully functional again.
- In case of the HSU controller, exceeding of the continuous operation limit is indicated on display with "**hot**" text. The "**hot**" text is displayed upon pressing any button on the controller for the required idling time.

STORING THE DESK POSITION IN CONTROLLER MEMORY AND ITS RETRIEVAL

This function is available only with the HSU controller, enabling the user to store as many as 4 desk height positions he uses the most frequently in the controller memory.

- To store the desk position in the controller memory, press the green button **S** on the controller and then press the button with position number **1 – 4**. This stores the current position of the desk height.
- To store the current desk position in the controller memory, first lift the desk to the required position and then store the desk position.
- Retrieve the stored position of the desk height by pressing and holding the position number button **1 – 4** until the desk reaches the stored position of the desk height.
- If you release the position number button **1 – 4** before the desk reaches the stored position, the desk stops in the position where you released the button and you need to repeat the procedure of retrieving the stored position of the desk height.
- ATTENTION! The lifting speed decelerates in the distance of approximately 1 cm from the stored position of the desk height, which deactivates the anti-collision system. Be very careful when using this function.

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