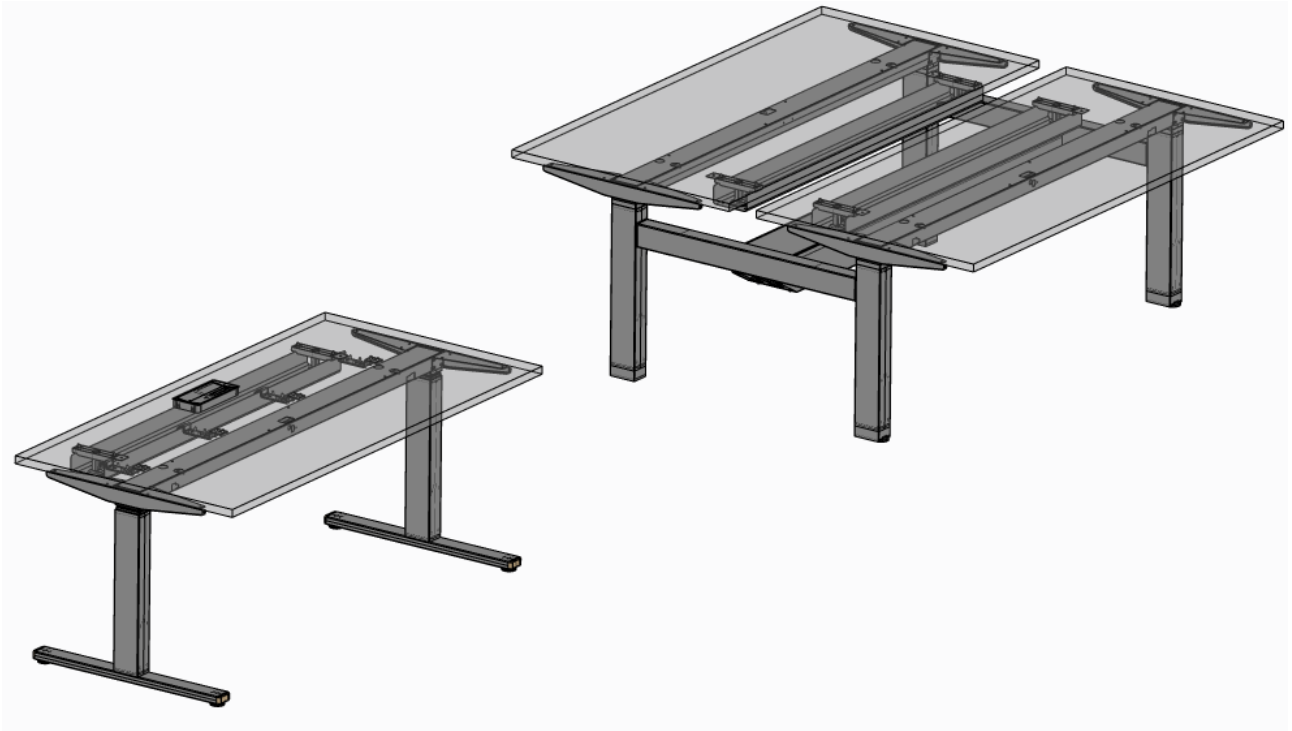


Migration

Migration Bench

User Manual



Translation of the original user manual

Legal notice

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Copyright

Extracts or copies may not be disclosed to third parties or used in any other journalistic form without the prior written consent of Steelcase.

As part of a technical documentation, the user manual is subject to German copyright law.

Liability

Under one or more of the following conditions, Steelcase's disclaimer of liability may apply:

- Improper use of the product.
- Use of the product that goes beyond the scope of sensible use as office furniture.
- Operating the product with defective or non-functioning safety and protection devices.
- Improper assembly by unauthorised personnel.
- Use of components and adaptations that do not originate from Steelcase. Third-party parts are not guaranteed to be designed and manufactured to meet the requirements of stress and safety.
- Plans from third party suppliers that have been proven to lead to misuse of the product.
- Unauthorised modifications of the product in its construction and design.
- Loads on the product exceeding the load limits specified by the manufacturer.
- Improper maintenance, maintenance by third parties and unqualified personnel.
- Inadequate monitoring of the product components (function checks).
- Improper disposal and return of the product or packaging to the recycling cycle.
- Resale to a third party without including the user manual.
- Disasters caused by foreign bodies and force majeure.

Check all components regularly and contact authorised specialist personnel or our service hotline in case of damage (see **Repairs and spare parts**).

Consult specialist personnel qualified for extensive assembly, maintenance and disposal work.

Further information and instructions are available under the respective topics in the following chapters of this user manual.

Product

The office furniture line **Migration** by Steelcase is subject to continuous quality control during manufacture and distribution. This ensures fault-free functionality.

The products are designed and manufactured according to the state of the art (in Germany at the time of construction) and recognised safety rules; however, hazards may still arise. Please observe the respective safety instructions! Malfunctions that could impair safety must be eliminated immediately. We reserve the right to make technical changes to the products for technical reasons.

Steelcase applies a quality management system that meets the requirements of DIN EN ISO 9001.

Steelcase has the right to use the GS Mark for the product line **Migration**.

Steelcase carries the eco-audit seal of the "Eco Management and Audit Scheme".

The electric height adjustment unit type plate is located on the controller housing and on the columns, and under the desktop.

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About this user manual

Steelcase makes this user manual available on the Internet at the following address:

www.steelcase.eu/Migration/manual

Purpose of the user manual

This user manual provides information on the components, function, operation and maintenance of the **Migration** desk and its components.

In case of malfunctions, it serves as an aid in troubleshooting.

The safety instructions are intended to prevent personal injury and material damage.

The users of the desk **Migration** commit to read and follow these safety instructions.

Steelcase assumes no liability and no warranty for damage or malfunctions resulting from non-compliance with the user manual.

This user manual is part of the **Migration** desk. It is only valid as a complete document. Even when reselling the desk, this user manual is part of the delivery contents.

Text design

- Bulleted list
 - Bulleted list within a list of action steps

⇒ Action step

⇓ Consequence of the action



Here are tips and helpful information.

About this user manual

Safety instructions and warnings

To prevent personal injury and damage to property, this user manual contains warnings at the appropriate locations. The symbols and signal words have the following meaning:

 DANGER	
	Danger Source of danger ⇒ Prevention measures

Indicates an imminent danger situation leading to death or severe injury if the safety precautions are not followed.

 WARNING	
	Danger Source of danger ⇒ Prevention measures

Indicates a potential danger situation that may result in death or severe injury if the safety precautions are not followed.

 CAUTION	
	Danger Source of danger ⇒ Prevention measures

Indicates a potential danger situation that may result in minor injuries if the safety precautions are not followed.

NOTICE	
	Danger Source of danger ⇒ Prevention measures

Warning of property damage or malfunction if safety precautions are not followed.

Safety

Intended use

The desk **Migration** is designed exclusively for use as office furniture. Any other or extended use is considered improper.

Intended use also includes compliance with all instructions in the user manual.

Foreseeable misuse

Improper use of the product may result in dangers to life and limb as well as property damage. For this reason, improper use is prohibited. In case of improper use, Steelcase assumes no liability for any damage that may occur and does not guarantee that the components will function properly.

Improper use includes:

- Lifting loads
- Use as a climbing aid.
- Permanent storage surface for objects with a total weight of more than approx. 75 kg.
- Outdoor use.
- Use in damp rooms.

The list does not claim to be exhaustive.

Safety instructions

The desk **Migration** may be used and operated only in perfect technical condition and in compliance with the user manual.

The user of the **Migration** desk commits to follow the safety instructions and warnings in this user manual.

In addition to the user manual, the general and local regulations on accident prevention and environmental protection must be made available and followed.

Users with limitations

Children from the age of 8 and individuals with reduced physical, sensory or mental abilities or lack of experience and knowledge may use this desk under supervision or after instructions in the safe use of the desk and having understood the resulting hazards. Children are not allowed to play with the desk. Cleaning and user maintenance must not be executed by children without supervision.

Product description

Technical data

Desk

Migration / Migration Bench

Dimensions	see delivery note
Weight	see delivery note

Electrical components

Controller and drive

Temperature range at the installation site:	+5 °C to +35°C
Relative humidity:	5 % to 80 % (non-condensing)
Rated voltage:	230 V AC ~ ± 10 %
Rated frequency:	50 Hz
Maximum load capacity:	Approx. 50 kg / 500 N
Maximum duty cycle:	2 min ON / 18 min OFF
Protection class (with earth connection)	I
Maximum power consumption during the lift process: - 2 telescopic columns per desk	240 W
Power consumption in standby mode:	≤ 0.3 W
Maximum adjustment range: - Single telescope (Lift 1) - Double telescope (Lift 2)	720 mm to 1200 mm 650 mm to 1250 mm
Operating panel <i>up/down</i> :	Standard
Operating panel <i>Memory</i> :	optional
Noise emission:	< 60 dB(A)

Type plates are on the controller housing, on the columns and under the desktop.

Factory setting on delivery

The desk reference height is on delivery:

- Variant - Lift 1: 720 mm
- Variant - Lift 2: 650 mm



*With the telescopic, crank and lift versions, you can change these settings according to your requirements. The corresponding descriptions are available under **Operation and settings**.*

Components

The **Migration** desk consists mainly of the following components (the description of the variants is available under the respective chapter):

- Desktop with plastic parts for plate mounting
- **Migration**: Columns with skid made of steel tube 65x25x2 mm, screwed, including adjustment screw for compensating floor unevenness, cable duct (optional)
- **Migration Bench**: Columns without skids, cross member (screwed), central cable duct optional
- Top cantilever left/right
- Horizontal structural tube
- Optional electrical height adjustment:
 - Lift 1: Electric motor (720...1200), in column
 - Lift 2: Electric motor (650...1250), in column
 - Controller for lift height adjustment including software-assisted stop device
 - Optional: Sensor
 - Standard: Operating panel up/down
 - Optional: Operating panel with display of height; programming functions for four desktop heights

All available components are specified in the separate technical description and in the price list.

Accessories

A wide range of accessories is available in various materials, surface treatments and dimensions. Please follow the instructions for using components and accessories (see **Operation and settings**).

For detailed information on available system components and for additional orders and subsequent deliveries, please contact our Customer Service (see **Customer Service**).

Overview of *Migration* and *Migration Bench* desks

Each illustration shows one of many design variants of the desks **Migration** and **Migration Bench**. The illustrations merely serve to demonstrate the desk components.

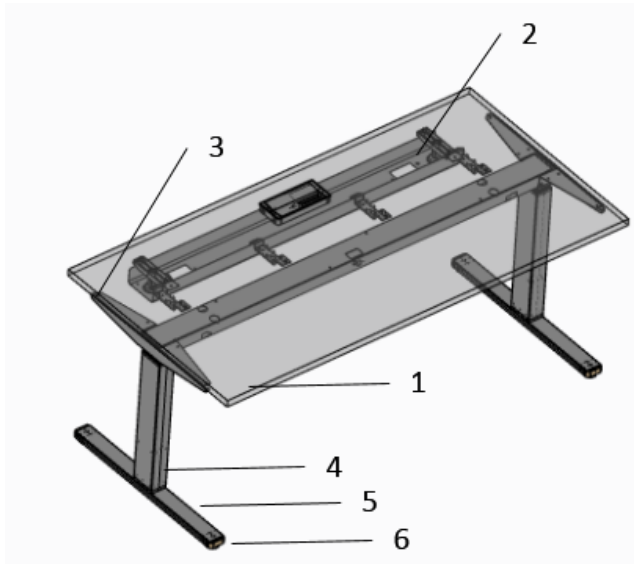


Fig. 1 **Migration**, Lift 1/Lift 2

- 1 Desktop
- 2 Cable duct (optional)
- 3 Cantilever
- 4 Column
- 5 Skid
- 6 Adjusting screw for height compensation

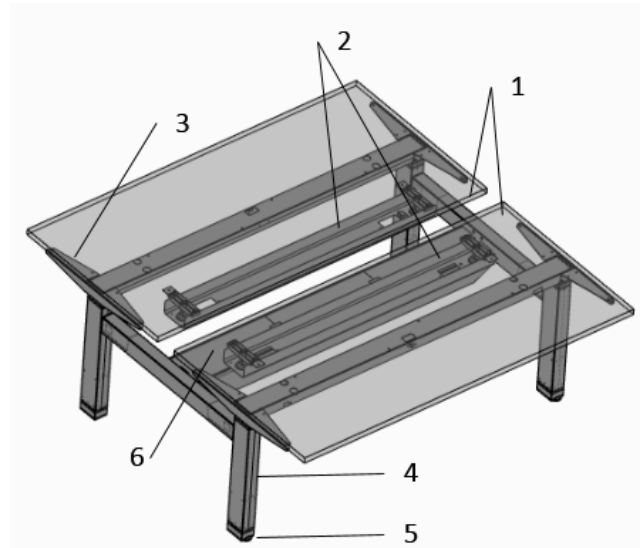
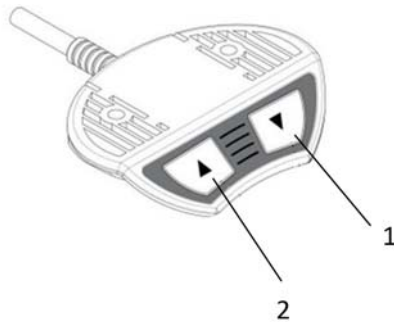


Fig. 2 **Migration Bench**, Lift 1/Lift 2

- 1 Desktop
- 2 Cable duct (optional)
- 3 Cantilever
- 4 Column
- 5 Adjusting screw for height compensation
- 6 Cable tray (optional)

Operating panel *up/down*

The control panel with the functions "up" and "down" is located usually on the right underside of the desktop.



Operating panel *up/down*

- 1 Operating panel
- 2 Button "up"
- 3 Button "down"

Operating panel *Memory* (optional)

The operating panel *Memory* allows the storing of three positions.

i *Operation and settings* describes how to set the memory positions.

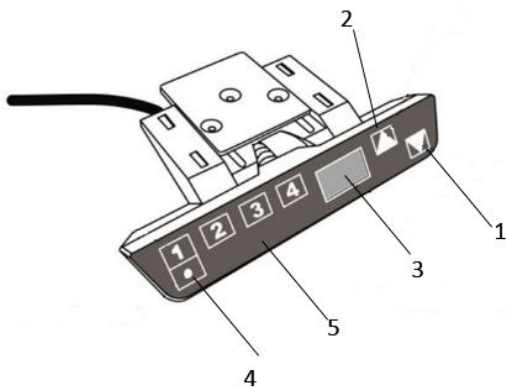


Fig. 3 Operating panel *Memory*

- 1 Button "down"
- 2 Button "up"
- 4 Button "STORE"
- 5 Keypad "MEMORY 1 / 2 / 3 / 4"

The cable of the operating panel is connected to the controller. The controller is located under the desk.

i For information on the motor control, refer to the user manual *COMPACT_eco Firmware Version 1.9* at www.logicdata.at.

Electrical height adjustment

i *Operation of the electrical height adjustment is described under **Operation and settings**.*

The electrical height adjustment allows the setting and fixed programming of three optimal desk heights (sitting and standing height). The electrical height adjustment consists essentially of the following components:

- Lift 1: Electric motor 720...1200
- Lift 2: Electric motor 650...1250
- Operating panel
- Controller for lift height adjustment including software-assisted stop device


The stop device is an extension module for desk height adjustment. It responds as soon as the movement of the desk is interrupted by an object, e.g. when an open window enters the movement range. The desk stops, the direction of travel reverses and the desk moves approx. 2 cm away from the jam area.


i *The stop device does not respond to relatively soft objects.*

The electronic controller takes over the mechanical lifting. The electronic controller is located in a plastic housing under the desktop.

Transport and storage

Safety instructions

⚠ WARNING	
	<p>Injuries and damage are possible!</p> <p>When lifting on the desktop or attached components, the fastening screws may tear.</p> <p>⇒ Transport or move the desk only by grabbing the base frame.</p>

NOTICE	
	<p>Risk of damaging the lifting mechanism!</p> <p>Values stored in the controller do not match the settings of another desk.</p> <p>After disassembling the desk, for example for transport reasons:</p> <ul style="list-style-type: none">⇒ Reassemble the two side frames only with the appropriate desktop cross-member of the same desk.⇒ Follow the separate assembly instructions.





Interim storage

If you want to store the desk temporarily before installation, the following conditions must be met:

- The transport packaging must be intact.
- Sufficient carrying capacity of the floor.
- Dry floor.
- Horizontal storage surface.
- Temperature range +5 °C to +35 °C.
- Max. rel. humidity: 80 %

Installation and assembly

Safety instructions

 WARNING	
	Danger of crushing and shearing! The process of electrical height adjustment may result in crushing or shearing of body parts or objects.
	<ul style="list-style-type: none">⇒ Maintain sufficient lateral clearance (at least 2.5 cm) to all surrounding objects, walls, etc. throughout the lifting range.⇒ Position the desk in such a way to ensure sufficient space for lifting and maintenance.
 WARNING	
	Danger of injury and damage! When lifting on the desktop or attached components, the fastening screws may tear.
	<ul style="list-style-type: none">⇒ Transport or move the desk only by grabbing the base frame.

Checking the delivery contents

After unpacking, the product must be checked immediately for transport damage and for completeness. Any damage must be reported to the manufacturer as soon as possible.

Disposing of the packaging material

The packaging includes the following:

- Outer packaging made of cardboard.
- Shrink film made of polyethylene (PE)
- Bubble wrap made of polyethylene (PE).
- Edge protectors made of cardboard or polyethylene (PE).
- Corner protectors made of polyethylene (PE).

These materials are recyclable. When the product is assembled by Steelcase or an authorised installer, the packaging is disposed of by the manufacturer. If you install yourself, please ensure sorted separation and return to the recycling cycle.

Electrical connection

Check the electrical equipment of the desk. Rectify defects such as loose connections and damaged cables immediately.

Remove or insert connectors only in de-energised state.

The plug of the desk must be easily accessible at all times.



For information on the connections for the motor controller, refer to the user manual COMPACT_eco Firmware Version 1.9 at www.logicdata.at.

Installing the desk

Installation and use of the product requires detailed planning. For this purpose, Steelcase offers its own planning department.

The partially assembled components of the **Migration** desk are usually delivered by specialist dealers or directly from the manufacturer.

The installation location must meet the following requirements:

- Sufficient carrying capacity of the floor.
- Horizontal storage surface.
- Temperature range +5 °C to +40 °C.
- Max. rel. humidity: 80 %

Assembling the desk

Steelcase recommends assembly by a specialist dealer or an assembly company.

Height compensation

To compensate for uneven ground, you can raise each foot by up to 1.0 cm with an adjusting screw.

For a desk that has already been assembled: before levelling, remove any objects from the desktop.

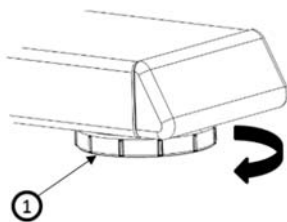


Fig. 4 **Migration** height compensation / **Migration Bench** height compensation

1 Adjusting screw

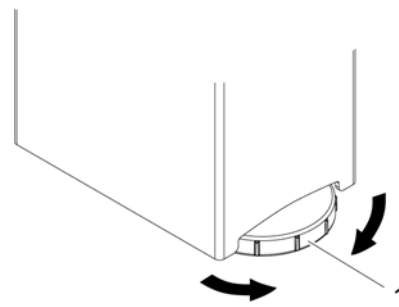


Fig. 5 **Migration** height compensation / **Migration Bench** height compensation

1 Adjusting screw


⇒ Turn the adjusting screw until height compensation is complete.

Disassembling and reassembling the desk temporarily

If you want to disassemble, temporarily store and reassemble the desk, for example for a move, see sections ***Transport and storage*** and ***Installation and assembly***.

Disassembling the desk

The desk can be disassembled into its partially assembled components. Disassembly should be carried out by qualified personnel. Follow the separate assembly instructions.

NOTICE	
	<p>Risk of damaging the lifting mechanism!</p> <p>Values stored in the controller do not match the settings of another desk.</p> <p>After disassembling the desk, for example for transport reasons:</p> <ul style="list-style-type: none">⇒ Reassemble the two side frames only with the appropriate desktop cross-member of the same desk.⇒ Follow the separate assembly instructions.

If you want to disassemble the desk for good and dispose of it, follow the instructions under ***Disposal of the desk***.

Reassembling the desk

For reassembly, see ***Installation and assembly***.



Operation and settings



Safety instructions



The desk **Migration** may be used and operated only in perfect technical condition and in compliance with the user manual.



Before you change the desk height, make sure of the following:

- The desktop must be horizontal. In case of uneven floors, you can adjust the height using the adjusting screws on the feet.
- No one is allowed to stay in the lifting range. Make sure that no objects (such as open doors or windows) are in or protrude into the lifting range.
- Nobody should be on the desktop.
- The maximum permissible carrying capacity of the desk must not be exceeded.

 DANGER	
	<p>Danger from electrical voltage!</p> <p>Contact with electrical voltage can cause severe injury or death by electric shock!</p> <ul style="list-style-type: none">⇒ Remove or insert connectors only in de-energised state.⇒ Do not open the housings of the following components:<ul style="list-style-type: none">- Controller- Columns- Operating panel

 DANGER	
	<p>Danger from electrical voltage!</p> <p>Metal parts of the desk may be under electrical voltage in case of damage to live cables and connections.</p> <ul style="list-style-type: none">⇒ Do not earth electrical devices on the desk frame!

 WARNING	
	<p>Danger of injury and damage!</p> <p>When loading the CPU holder with a weight higher than the permissible weight, the fastening screws may tear.</p> <ul style="list-style-type: none">⇒ Note the permissible weight.

 WARNING	
	<p>Danger of injury and damage!</p> <p>When lifting on the desktop or attached components, the fastening screws may tear.</p> <ul style="list-style-type: none">⇒ Transport or move the desk only by grabbing the base frame.



Ensure that the connecting cables of devices on the desk are long enough.

Optimum desk height

Setting the optimal desk height (seat height) is crucial for proper sitting at the workplace. The desk height to be set for the workplace can be taken from the workplace analysis (for example, according to the German Occupational Safety and Health Act, the German VDU Ordinance, accident prevention regulations). See also BGI 650: Screen and office workstations. Design guidelines.

Carrying out height compensation

You can carry out height compensation on all desks. You can adjust the height by a maximum of 10 mm for uneven floors with an adjusting screw on each desk foot.

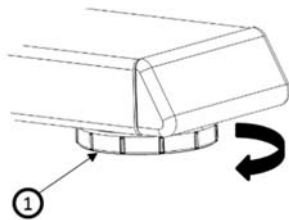


Fig. 6 **Migration** height compensation

1 Adjusting screw

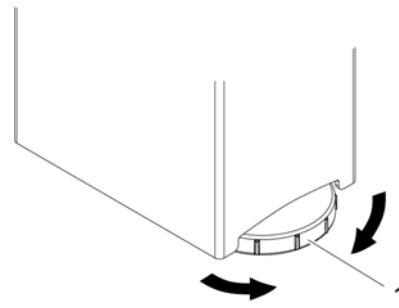


Fig. 7 **Migration Bench** height compensation

1 Adjusting screw

⇒ Remove all objects from the desk.

⇒ Turn the adjusting screw until height compensation is complete.

Height adjustment of the desks

- ⇒ Remove all objects from the desk.
- ⇒ Loosen the adjusting wheel.

Variants *Lift 1* and *Lift 2*

The desk can be continuously adjusted by electric motor to a height between 720 mm and 1200 mm (Variant Lift 1) or between 720 mm und 1200 mm (Variant Lift 2).

Make sure before first use that

- The desk has been assembled properly.
- The controller is connected to the motor by cable.
- The operating panel is connected to the controller.
- All safety instructions have been followed.

You can now connect the power supply:

- ⇒ Insert the mains plug into a power point supplying 220/230 V.



It is necessary to carry out a manual reset before first use.

The instructions for this procedure are available in the description of the corresponding operating panel.

Operating panel

Operating panel *up/down*

The operating panel is located on the left or right on the underside of the desktop.

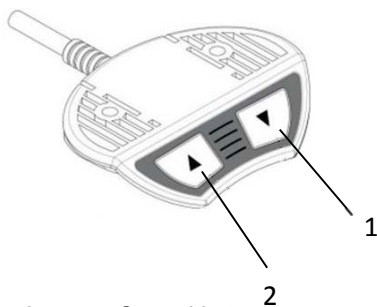


Fig. 8 Control buttons on operating panel up/down

- 1 Operating panel
- 2 Button "up"
- 3 Button "down"

NOTICE



Risk of damaging the operating panel!

- ⇒ Do not lean on the operating panel.
- ⇒ Do not place any objects on the operating panel.
- ⇒ Do not pour liquids over the control panel.

Manuel reset on operating panel *up/down*

You must carry out an end position calibration of the lowest desktop position:

- Before first use.
- When the actual desktop position no longer matches the displayed desktop position.
- When a previously configured motor controller is used in a different electrically height adjustable workstation of the same design.



⚠ WARNING



Danger of crushing and shearing!

During reset and end position calibration, the software-assisted stop device is not active.

- ⇒ Keep sufficient distance from the desk during reset.


	⇒ Press and hold the "Down" button until the lower end position (programmed desktop position) is reached.
	⇒ Release the "Down" button.
	⇒ Again, press and hold the "Down" button for approx. 5 s.
	⇓ The desktop moves to the lower end position.
	⇒ Release the "Down" button. The system is now ready for operation.



Releasing the button before completing the process interrupts the reset and requires a restart.

Faulty manual reset

If the manual reset was not successful, proceed as follows:


	⇒ Press the "up" and "down" buttons simultaneously and hold for at least 5 seconds.
	⇒ Restart the manual reset process as described above.

Adjusting the desk height with operating panel *up/down*

Before adjusting the height of the desk, ensure the following:

- No one is in the lifting range. No objects (such as open doors or windows) are in or protrude into the lifting range.
- No objects should be in the movement area of the lift column.
- No one should be on the desk.
- The maximum permissible load capacity of the desk is not exceeded (see **Technical data**).
- No heavy loads are on the desk top. Heavy loads make the height adjustment more difficult.
- The desktop must be horizontal. If the floor is uneven, align the desktop with the adjusting screws on the feet.

i Ensure that the connecting cables for the devices on the desk are long enough.

	⇒ Press the "Up" or "Down" button
---	-----------------------------------

A lift movement takes place only

- As long as you press the appropriate button,
- As long as the maximum load (approx. 75 kg) is not exceeded.

i The desk starts moving!
CAUTION! The desk moves at a speed of approx. 4 cm/s.

NOTICE



Damage to the desktop is possible!

If the desktop is moving on one side or unevenly:

- ⇒ Release the button immediately to stop the movement.
- ⇒ Determine the cause using the fault-finding table (see **Error messages on the display of operating panel Memory**).
- ⇒ Consult a service technician if necessary.

Operating panel *Memory* (optional)

It is necessary to carry out a manual reset before first use.

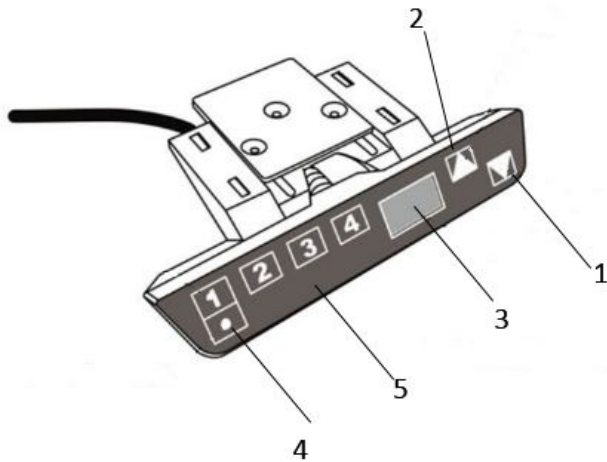





Fig. 9 Buttons and display on operating panel *Memory*

- 1 Button "Down"
- 2 Button "Up"
- 3 Display
- 4 Button "STORE"
- 5 Keypad "MEMORY 1 / 2 / 3 / 4"

Manuel reset on operating panel *Memory*

⚠ WARNING	
	<p>Danger of crushing and shearing!</p> <p>During reset and end position calibration, the software-assisted stop device is not active.</p> <p>⇒ Keep sufficient distance from the desk during reset.</p>

	⇒ Press and hold the "Down" button until the lower end position (programmed desktop position) is reached.
	⇒ Release the "Down" button.
	⇒ Again, press and hold the "Down" button for approx. 5 s.
	⇓ The desktop moves to the lower end position.
	⇒ Release the "Down" button. The system is now ready for operation.

i *Releasing the button before completing the process interrupts the reset and requires a restart.*

Adjusting the desk height with operating panel *Memory*

Before adjusting the height of the desk, ensure the following:

- The display of the operating panel does not show an error message (see **Error messages on the display of operating panel *Memory***).
- No one is in the lifting range. No objects (such as open doors or windows) are in or protrude into the lifting range.
- No objects should be in the movement area of the lift column.
- No one should be on the desk.
- The maximum permissible load capacity of the desk is not exceeded (see **Technical data**).
- No heavy loads are on the desk top. Heavy loads make the height adjustment more difficult.
- The desktop must be horizontal. If the floor is uneven, align the desktop with the adjusting screws on the feet.



Ensure that the connecting cables of devices on the desk are long enough.



⇒ Press the "Up" or "Down" button.

A lift movement takes place only

- As long as you press the appropriate button,
- As long as the maximum load (approx. 50 kg) is not exceeded.



The desk starts moving!

CAUTION! *The desk moves at a speed of approx. 4 cm/s.*

NOTICE



Damage to the desktop is possible!






If the desktop is moving on one side or unevenly:

- ⇒ Release the button immediately to stop the movement.
- ⇒ Determine the cause using the fault-finding table (see **Error messages on the display of operating panel *Memory***).
- ⇒ Consult a service technician if necessary.

Switching the display between centimetres and inches

You can select between displaying the height in centimetres [cm] or in inches [inches]. This function does not change the desk height.




To change the display, proceed as indicated in the following table:




	<p>⇒ Press the position memory buttons 1, 2 and desktop Up at the same time.</p> <p>⇒ Press and hold this button combination for approx. 3 s.</p> <p>⇒ Release the buttons.</p>
	<p>⇓ The display shows S and a number such as 7.</p>
	<p>⇒ Press and hold the button desktop Up until the display show S 5.</p>
	<p>⇓ The display shows S 5.</p>
	<p>⇒ Press the memory button.</p>
	<p>⇓ If the display was previously set to centimetres, it now switched to inch.</p> <p>⇓ If the display was previously set to inch, it now switched to centimetres.</p>

Setting the memory position

This function stores a defined desktop height. Each position memory button (**1**, **2**, **3**, **4**) can store one desktop height. As a result, up to four memory positions can be entered.

To store a desktop position, proceed as follows:



	<p>⇒ Move the desktop to the height you want.</p>
	<p>⇓ The display shows the desktop position, e.g. 73 cm.</p>
	<p>⇒ Press the memory button.</p>
	<p>⇓ The display shows S.</p>

	⇒ Press the desired position memory button, e.g. 2 .
	⇓ The display shows S 2 .
	⇓ The set desktop position will now be stored under the selected position memory button.
	⇓ A double click will sound; after approx. 2 seconds, the saved desktop position will be displayed.

Calling up a memory position

With this function you can set a stored desktop position.

To set a stored desktop position, proceed as follows:

	⇒ Press and hold the desired position memory button, e.g. 2 .
	<p>⇓ The desktop moves until the stored desktop position is reached. If you release the button before reaching the stored desktop position, the desktop will stop and fail to reach the stored desktop position.</p> <p>⇓ The desktop has reached the stored desktop position. Now release the position memory button.</p>
	⇓ The current desktop position will be shown on the display, e.g. 73 cm.






Always move the desk up or down until the desired or programmed height is reached and the desk stops. This ensures that the desk is level with one-sided load.

Faults and malfunctions

Safety instructions

For troubleshooting, the following always applies:

 DANGER	
	<p>Danger from electrical voltage!</p> <p>Contact with electrical voltage can cause severe injury or death by electric shock!</p> <ul style="list-style-type: none"> ⇒ Remove or insert connectors only in de-energised state. ⇒ Do not open the housings of the following components: <ul style="list-style-type: none"> - Controller - Columns - Operating panel

NOTICE	
	<p>Risk of damaging the electrical equipment!</p> <ul style="list-style-type: none"> ⇒ Do not use the mains cable to pull the plug out of the power point.



Error messages on the display of operating panel *Memory*

If malfunctions occur during operation, please check whether the **Migration** desk has been handled according to the user manual. In most cases, this will help you find and eliminate the problem.

Some errors that may occur are shown on the display of the operating panel *Memory*. The "Error" segment flashes.

The following table should help you find the cause and correct the error.

Table of error messages

Display	Error description / cause	Measure
	The motor controller COMPACT ECO is equipped with an overheating protection. This overheating protection has been activated due to overheating.	⇒ Wait until the motor controller has cooled down and the message HOT on the display disappears. Then the COMPACT ECO motor controller is ready for operation again.
The display shows E and an error number: 	An internal error is present on the COMPACT ECO motor controller.	Proceed according to the following error list.
00	Internal error channel 1	⇒ Switch off the motor controller. ⇒ Contact Customer Service.
01	Internal error channel	
02	Internal error channel 3	
12	Defect - channel 1	⇒ Unplug the motor controller. ⇒ Eliminate the external short circuit. Or: ⇒ Plug the correct motor into the socket in question. ⇒ Start up the motor controller again.
13	Defect - channel 2	
14	Defect - channel 3	
24	Overcurrent - motor M1	⇒ Remove the jammed objects from the movement range. ⇒ Table overloaded: Remove load from the table. ⇒ Contact Customer Service.
25	Overcurrent motor M2	
26	Overcurrent M3	
48	Overcurrent motor group 1	
49	Overcurrent motor group 2	
60	Collision protection	
62	Overcurrent - controller	
36	Plug detection on motor socket M1	⇒ Plug the correct motor into the socket in question. ⇒ Carry out reset.
37	Plug detection on motor socket M2	
38	Plug detection on motor socket M3	
61	Motor swapped	
55	Synchronisation of motor group 1 not possible	⇒ Remove load from the desk. ⇒ Carry out reset. ⇒ If the error is still displayed after the reset, contact Customer Service.
56	Synchronisation of motor group 2 is not possible.	
67	Excessive voltage	⇒ Unplug the mains cable and contact Customer Service.
70	Change in the drive configuration	⇒ Contact Customer Service.
71	Change in the anti-pinch configuration	⇒ Contact Customer Service.

Display	Error description / cause	Measure
81	Internal error	<ul style="list-style-type: none">⇒ Carry out reset.⇒ Unplug the mains cable and plug it back after a few seconds.⇒ If this error occurs regularly, unplug the mains cable and contact Customer Service.

Maintenance

Safety instructions

- ⇒ Only appropriately qualified and authorised personnel may carry out maintenance and repair work.
- ⇒ Only use suitable tools for these operations!
- ⇒ A damaged mains cable of this unit must be replaced by the manufacturer, his customer service or similarly qualified personnel to prevent hazards.

Functional checks

The components of the desk **Migration** should be checked for their functionality at regular intervals. Note especially the electrical connections:

- ⇒ The electrical equipment of the desk must be checked regularly. Rectify defects such as loose connections and damaged cables immediately.
- ⇒ Remove or insert connectors only in de-energised state.
- ⇒ The plug of the desk must be easily accessible at all times.

Table for functional checks

Interval	Inspection point	Functional check	Permissible value	Act if necessary
During assembly	Frame parts	Position of the desktop cross-member	Desktop cross-member completely inserted into the guides and screwed tight.	⇒ Loosen the screws, insert the desktop cross-member correctly and tighten the screws.
Before each height adjustment	Immediate environment of the desk	Check safety distances.	No objects in the lifting range.	⇒ Remove objects.
	Desktop	Check for horizontal alignment.	Horizontal	⇒ Align using the adjusting screws on the feet.
Regularly	Connections of the electrical supply lines (cables)	Check the insulation for damage	No damage.	⇒ Replace connections.
	Insulation of the electrical supply lines (cables)	Check the insulation for damage	No damage.	⇒ Replace cables.
	Surroundings of the electrical supply lines (cables)	Check for distance to hot objects (e.g. radiators).	Sufficient distance.	⇒ Establish distance.



Maintenance work



Only authorised specialist personnel may carry out maintenance work. Please contact our Customer Service Department for assistance (see **Repairs and spare parts**).



Maintenance


Before adjusting the height of the desk, make sure that the desktop is horizontal. If the floor is uneven, align the desktop with the adjusting screws on the feet.


Make sure that no objects are in the movement area of the lift column!

 DANGER	
	<p>Danger from electrical voltage!</p> <p>Contact with electrical voltage can cause severe injury or death by electric shock!</p> <ul style="list-style-type: none">⇒ Remove or insert connectors only in de-energised state.⇒ Do not open the housings of the following components:<ul style="list-style-type: none">- Controller- Columns- Operating panel

 WARNING	
	<p>Risk of injury!</p> <p>Unintentional lifting or lowering of the desktop may cause injury.</p> <ul style="list-style-type: none">⇒ For maintenance work on all non-electrical components of the desk, detach the electrical connection of the height adjustment from the mains supply.

 WARNING	
	<p>Danger of injury and damage!</p> <p>When lifting on the desktop or attached components, the fastening screws may tear.</p> <ul style="list-style-type: none">⇒ Transport or move the desk only by grabbing the base frame.

NOTICE	
	<p>Risk of damaging the lifting mechanism!</p> <p>Values stored in the controller do not match the settings of another desk.</p> <p>After disassembling the desk, for example for transport reasons:</p> <ul style="list-style-type: none">⇒ Reassemble the two side frames only with the appropriate desktop cross-member of the same desk.⇒ Follow the separate assembly instructions.


NOTICE	
	<p>Using unapproved spare parts may cause damage to the desk.</p> <ul style="list-style-type: none">⇒ Only components provided by Steelcase may be used as spare parts. Coordinate the installation of other parts with Steelcase.⇒ Observe the specified maintenance and inspection intervals.

Disclaimer of liability

Steelcase assumes no liability or warranty in the following cases (see **Liability**):

- Inadequate monitoring of the product components (function checks).
- Improper maintenance.
- Maintenance through a third party.
- Maintenance by unqualified and unauthorised personnel.
- Use of components and adaptations that do not originate from Steelcase.
- Unauthorised modifications of the product in its construction and design.
- Intentional misuse.
- Improper use.

Cleaning and care

NOTICE	
	<p>Moisture may damage the operating panel and controller!</p> <ul style="list-style-type: none">⇒ Keep the operating panel free of moisture and wetness.⇒ Keep the controller free of moisture and wetness.

You can use commercial cleaning agents to clean the surfaces of the desk.

Only use care and cleaning agents that are suitable for the appropriate materials (plastic, metal).

Disposal of the desk

Disassembly should be carried out by qualified personnel.

Follow these steps to disassemble and dispose of the **Migration** desk

- ⇒ Disconnect the desk from the mains supply.
 - ⇒ Disassemble the desk into its components.
 - ⇒ Separate the resulting parts into:
 - reusable components,
 - material groups to dispose of (wood, metal, plastic, electrical parts, etc.),
- and return them to the recycling cycle. Follow all applicable regional regulations.

Customer Service

Delivery, installation, instruction

The manufacturer or a specialist retailer usually deliver, assemble and set up the desk.

The Manufacturer or a specialist retailer will instruct the users.

Repairs and spare parts

Original spare parts and accessories are available from the manufacturer.

If it is not possible to eliminate faults or malfunctions, please contact the Customer Service Department:

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