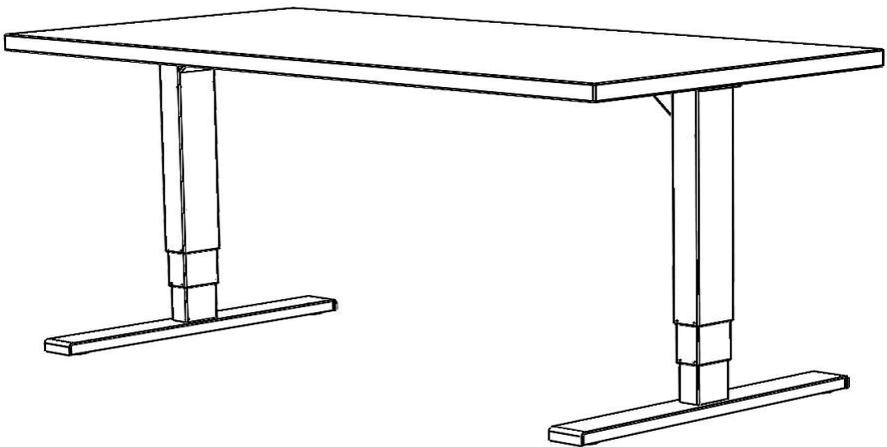




Solid (670)

Assembly Manual / Betriebs- und Montageanleitung
Montage handling
English / Deutsch / Nederlands



ELE-SOL001-0EN-DE-NL

EN - Read this manual thoroughly and store in a safe place.

DE - Bitte sorgfältig lesen und sicher aufbewahren.

NL - Lees de handleiding aandachtig door en bewaar op een veilige plaats.

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1. General

1.1 Importance of the assembly/operating manual

The guideline for safe use and trouble-free operation of this table is knowledge of basic safety information and regulations. This assembly/operating manual contains the most important information needed for assembling and operating the table safely. This assembly/operating manual, in particular the safety information contained herein, must be observed by any person building the table and working on the finished surface. More importantly, the rules and regulations applying to accident prevention in the locality in which the table is to be used must be observed at all times.

1.2 Intended use

The table must be used only as an electrically height-adjustable table for sitting/standing use in offices or other enclosed areas. The table must be used for this purpose only. Any other use than the above shall be deemed improper. Please observe the provisions of Section 2, Safety Information. Children may be unaware of the dangers presented by the table if unsupervised. The manufacturer can in no way be held liable for damage arising from improper use.

intended use shall also include:

- Observation of all information from the assembly/operating manual;
- Prohibition of any sort of addition to/conversion of the table.

1.3 Intended use

- Never use the table to lift people or loads!
- Do not exceed the maximum load of the table (see Section 5, Technical Specifications).
- Only use the product for office purposes.

1.4 Danger

Improper connection of the table grounding conductor can result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent. **WARNING:** Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

1.5 Checking the content box

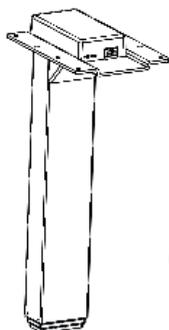
Assembly requires two people!

Tools

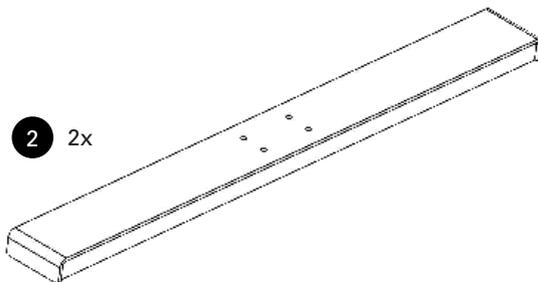


Items

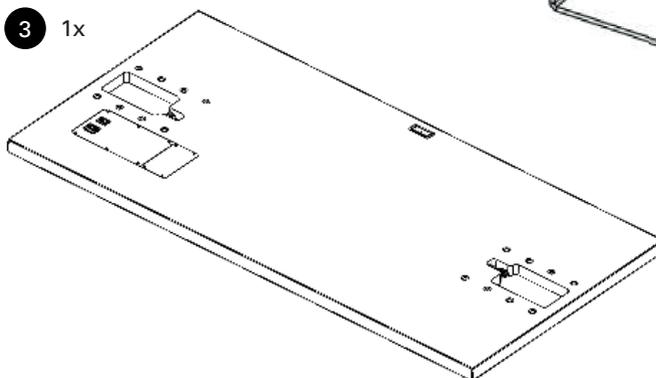
1 2x



2 2x



3 1x



8



4 1x



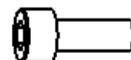
5 16x



6 4x



7 8x



Dispose of the packaging material in an environmentally friendly manner.

2. Safety Information

2.1 Symbols/warnings

The assembly/operating manual uses the following terms and signs to indicate danger:



This symbol indicates an immediate threatening situation for any person's life or health. Failure to adhere to such information may have serious consequences for health, or could even result in lifethreatening injury or death.



This symbol indicates important information. Failure to adhere to such information could lead to damage to the table.



Reference to the obligation to read the operating manual.



Do not place objects or parts of the body under the table. This could cause serious injury or even result in death.

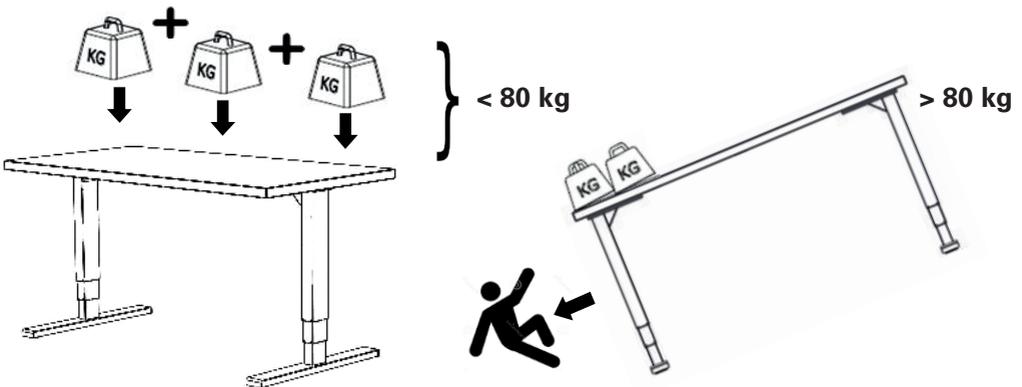
2.2 Maximum weight allowed on table



Do not exceed the maximum permitted load of 80 kg on the table. Avoid unbalanced load, distribute the weight evenly, otherwise overload may occur. Overloading a table may cause breakage and close by individuals may suffer serious injuries as a consequence.

Example

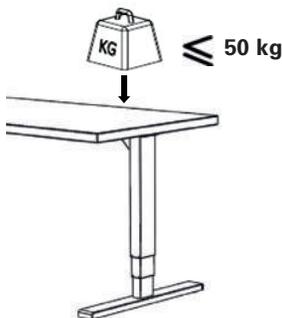
All weight should be distributed evenly.



2.3 Maximum weight allowed per column



Do not exceed the maximum permitted load of 50 kg on a column. Overloading a table may cause breakage and close by individuals may suffer serious injuries as a consequence.



2.4 Organizational measures

The table can best be assembled by two people. Turning the table, is a task in particular which requires two people!

2.5 Informal safety measures

- Keep the assembly/operating manual in the place where the table is used at all times.
- Make sure that all safety information on the table (see Section 2.2, Symbols used on the table, page 5) is legible, replacing the same if necessary.

2.6 Note for those assembling the table

- The table must be assembled/worked on by persons over the age of 16.
- The persons referred to above must have read and understood the assembly/operating manual.

2.7 Transport and assembly

- The table must be moved by two persons only, and in such cases must be retracted.
- Do not drag or pull the table over the floor.
- Assemble the table with the supplied tools only. They are the only tools which ensure that the screws can be tightened to the correct torque.

2.8 Use of the table

- Do not allow children to use the table unsupervised. Children may be unaware of the danger presented by the table. They would be in serious danger of injuring themselves, possibly even with fatal consequences.
- The table must only be used in appropriate areas (see Section 5, Technical Specifications).
- Do not use the table on an uneven surface. In such conditions it will not be steady.

2.9 Specific danger

- When adjusting the height of the table there is danger of injury. Make sure that there is no-one else in the immediate surroundings of the table.
- When assembling the table, make sure there is ample space to avoid collision (i.e. inclination of roof, fixed objects, filing cabinets, waste-paper bins etc.) in all imaginable directions.
- Make sure there is ample space to avoid collision if there are objects on the work surface such as computers or computer peripherals.
- Make sure there is clearance of at least 25mm from all other furniture, all around the table.

2.10 In an emergency

- Have the table repaired by specialists. Refrain from using the table until it has been successfully repaired.
- Stop using the table at once if you notice anything unusual (strange sounds, smoke, etc.).

2.11 Maintenance and upkeep

- Do not perform any repairs on the work station table or other components yourself.
- Do not alter the construction of the work surface or its frame.
- Any faulty components removed must be replaced with new, original components from the manufacturer. Use only original replacement parts made by the manufacturer. Have any such work carried out by a specialist, making reference to this assembly/operating manual.

2.12 Cleaning

- Dust the table once a week with a dry cloth.
- Clean the table with a damp cloth and a weak solution of cleaner once a fortnight.

2.13 Persistent risks

This table has been built to the state of the art and to recognized safety regulations. Nonetheless, its use may constitute a risk to the health and safety of users or third parties, damage to the table or to other items. The table must be used only:

- for the purpose for which it was intended.
- if it is completely safe to do so.

3. Assembly

3.1 Checking the items supplied

- Carefully open the cardboard packaging.
- In doing so, do not use any long knife blades. They may damage the components inside.
- Check the parts supplied in section 1.5.
- Do not attempt to assemble the table if there is any damage or if there are any incorrect components.

3.2 Packaging

- Remove the packaging. Treat as household waste/paper.
- Observe national legislation.

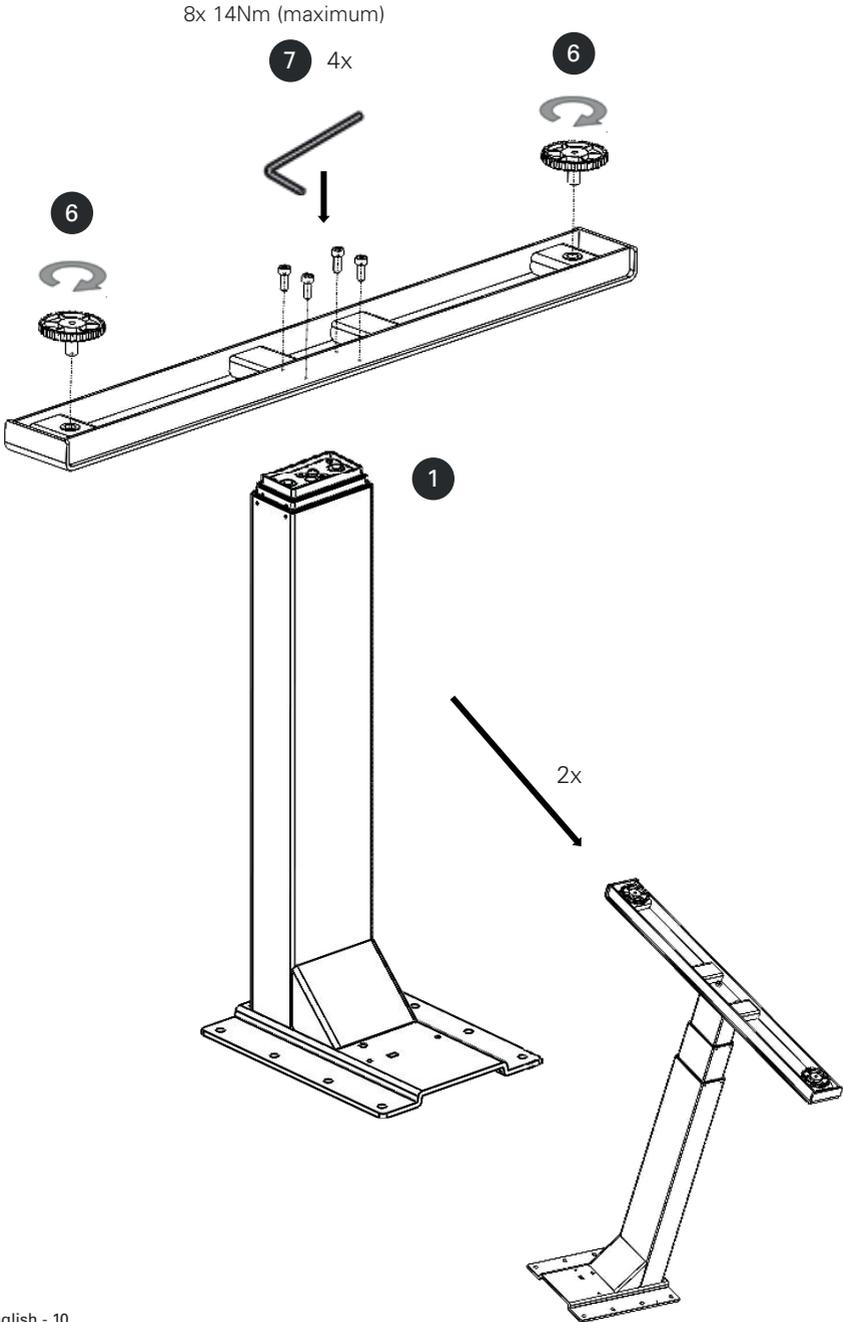
3.3 Tightening torques for screws used

- Assemble the table with the tools supplied only.

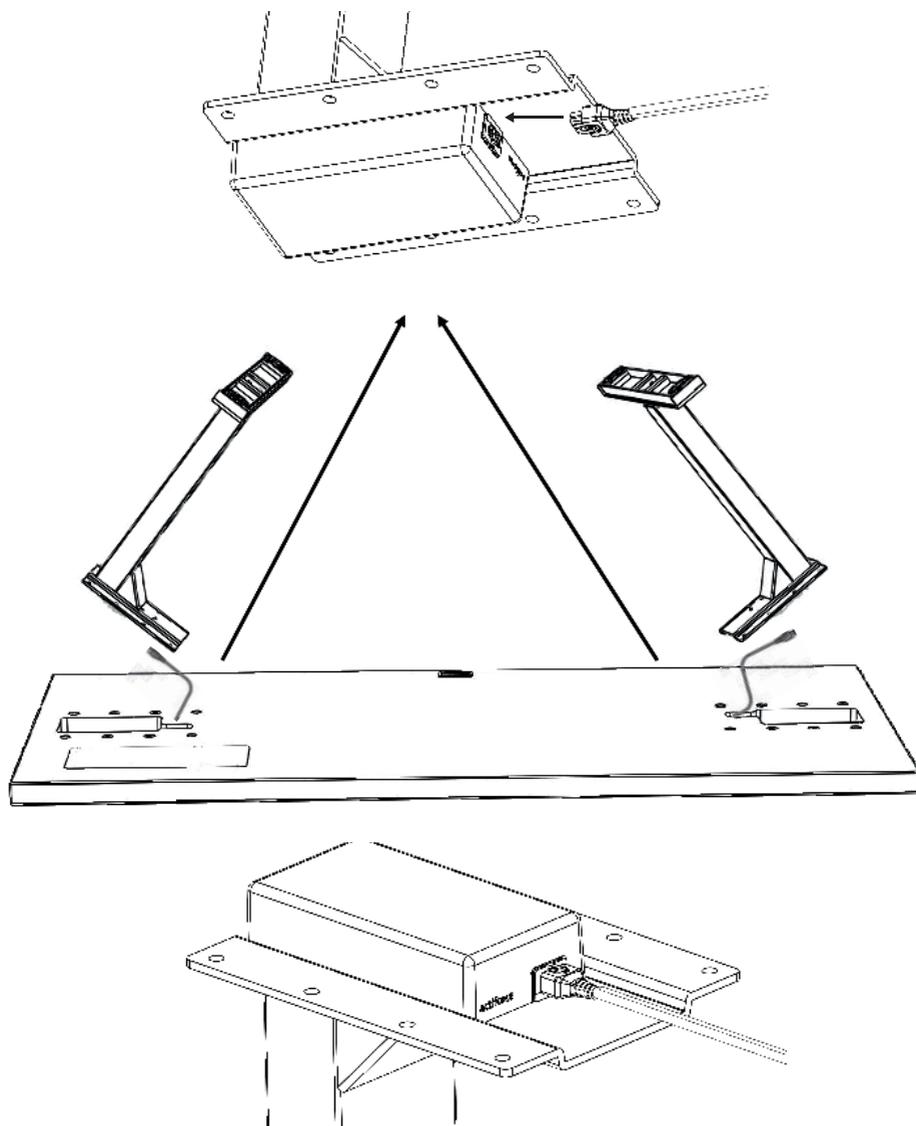


Before attempting assembly, read the safety information in Section 2.

3.4.1 Mounting the feet onto the column



3.4.2 Connecting the motor cables

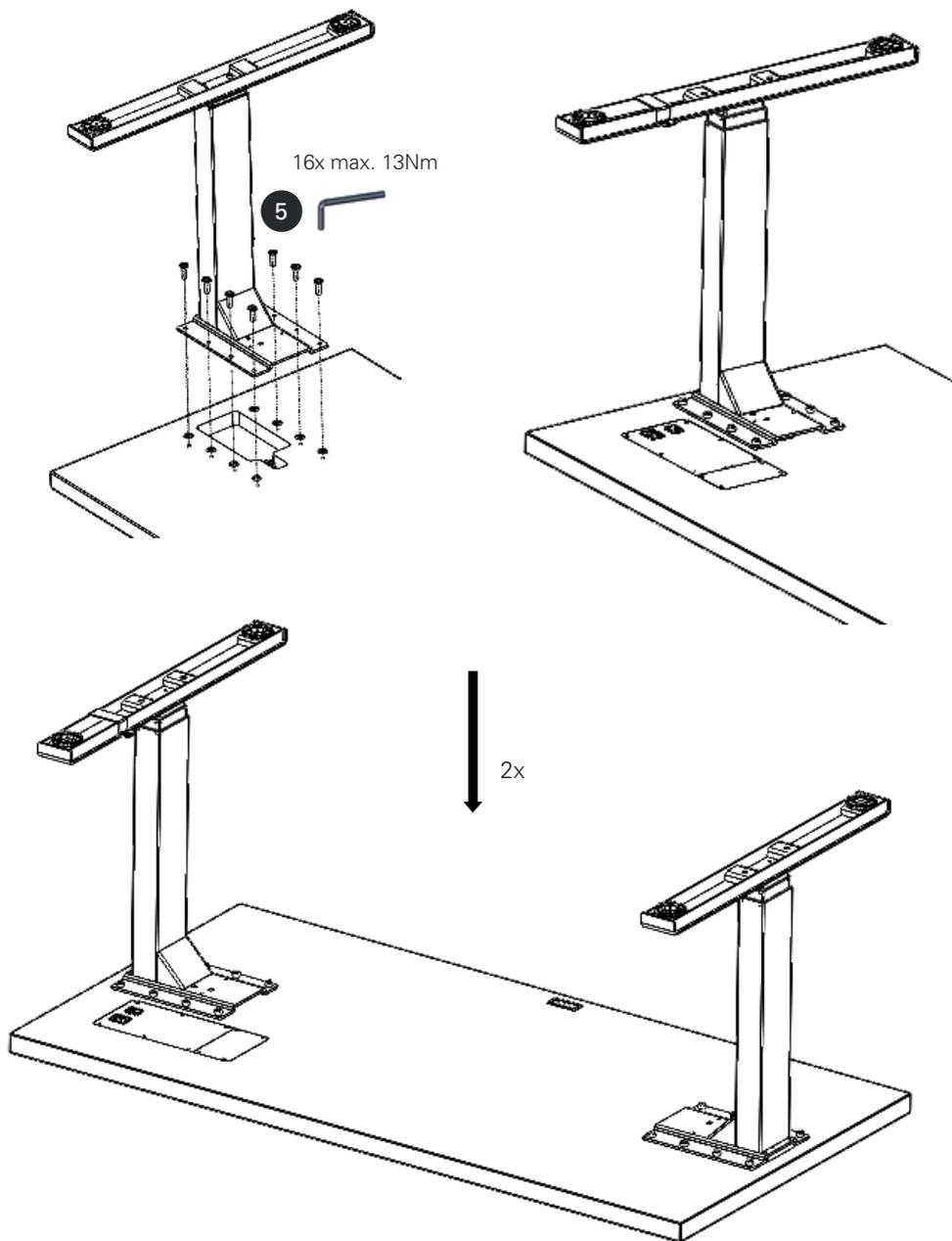


Make sure the plug is firmly inserted into the plug socket.

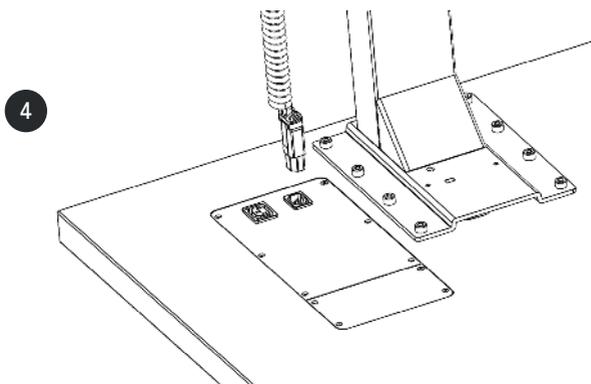


Do not pull the connectors further out of the tabletop.

3.4.3 Mounting the column onto tabletop



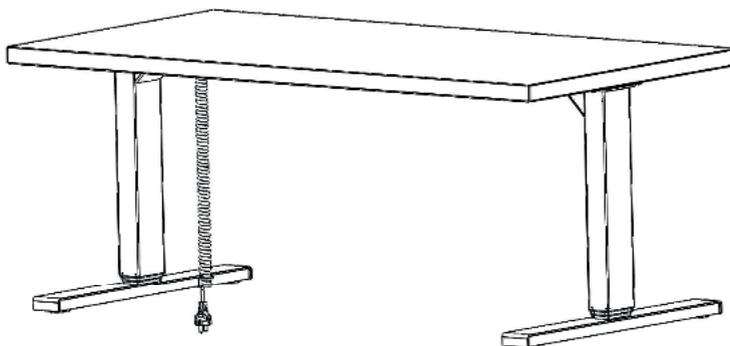
3.4.4 Connecting the electrical components



Keep in mind that the table which you are assembling is height adjustable. The cables of the electrical components must be able to freely follow the movement of the table.



Initial start on next page.



In order to maintain the elasticity of the spiral cord over long time, it is recommended to adjust the table into its lowest position when the workstation will not be in use for any length of time



Do not open the covers from the tabletop. There is danger of an electric shock.

3.4.5 Table test



Please make sure that the table can move freely and correct at all times



In case you need to disconnect cables from the electrical components always be sure to disconnect power first.



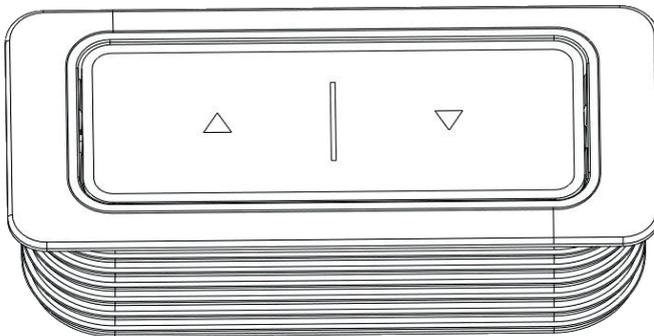
In case the height adjustment is not operating normally stop using the table immediately and disconnect the power. Get in contact with customer service for further advise (see Section 10).

Left button

Up

Right button

Down

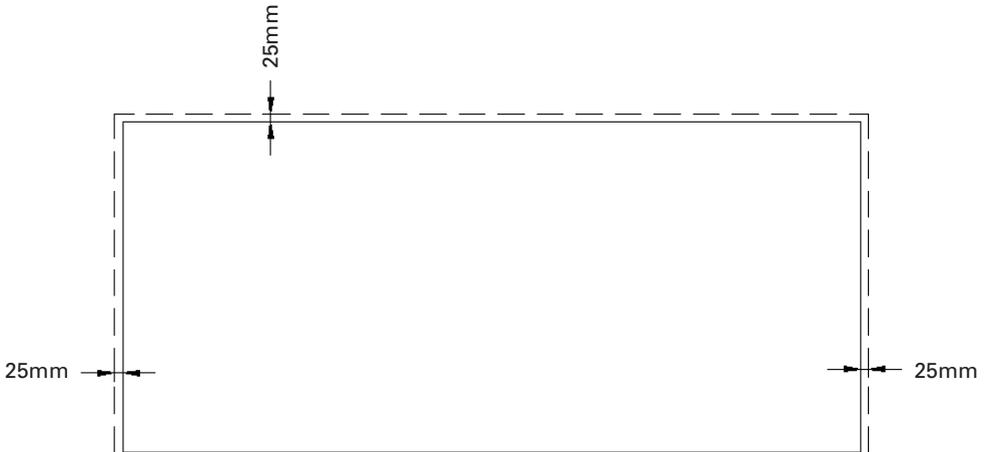


Reset mode

The first time you put in the plug of the power supply into the socket the height adjustment can only be operated in the reset-mode. As long as the reset-mode is enabled, the system can only move downward. In order to use the system normally, please follow the next steps:

- Press and hold the down-button, the system slowly moves downward.
- Please move the system to the lowest position. This position will be used as reference-point (zero-point).
- Keep the button pressed for a moment when the system has reached the lowest position. This will end the reset-mode.
- The system can be operated normally now. Press and hold the up- or down-button to move the system to the desired height. The system stops when you release the buttons.

3.4.6 Clearance around the tabletop



Allow a minimum clearance of 25mm from the edge of a tabletop to a wall or moving parts.



When changing the tabletop position (especially without using pinch protection), there is a risk of pinching. You must therefore ensure that no people or objects are located in the hazardous area or can reach into it.



To attach accessories under the tabletop, use only the green marked area. Don't screw any screw on the top Surface of the tabletop.



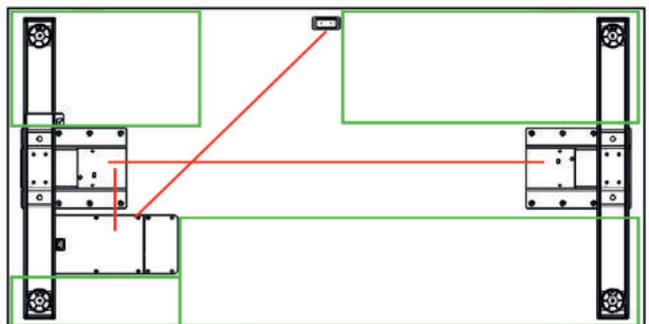
Only use screws that are screwed into the material with a maximum length of 10 mm.

3.4.7 Screw points on tabletop

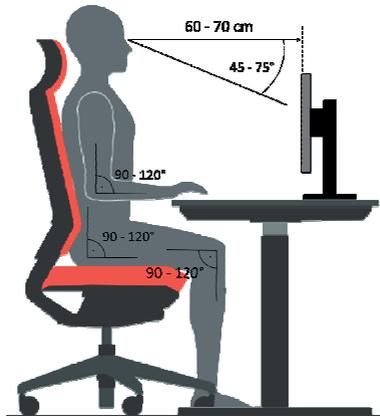


— Cable position

□ Free mounting surface



4. Correct position of seat



Correct sitting posture

Sitting incorrectly can lead to injuries at joints, bowstrings and muscles. In order to prevent this it is necessary to adjust your office chair and table. Apart from the following advise you should always prevent an uncomfortable sitting posture. If you feel that the following advices leads you to an uncomfortable sitting posture simply adapt your needs.

Office Chair

- The sitting height has to be adjusted in way that your knee is angled by 90-120° when your foot is flat on the ground.
- Sitting properly requires that your lower back touches the back rest. If possible align the seating depth in order to avoid pressure from the seat pan to your lower leg.
- Sit upright but lean back in a relaxed position. If possible adjust the lumbar support of your chair to your height. Adjust the back rest in a way that pushes your upper body slightly forward but still offering enough flexibility to yield movement.
- If possible adjust the height of your armrests. Your shoulders should be in a relaxed position when your arms are touching the arm rest.

Table

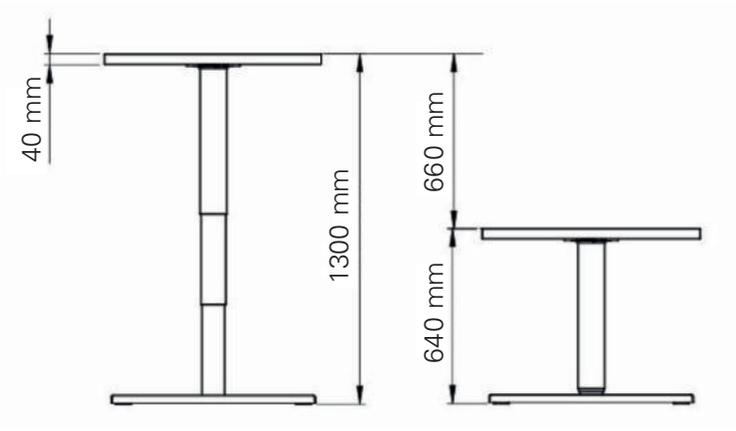
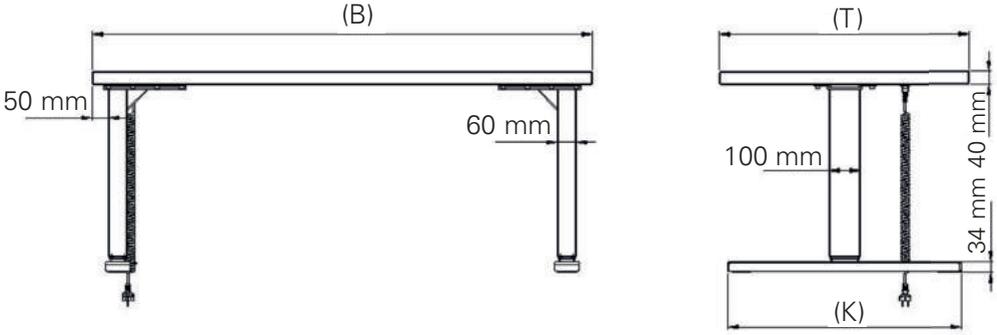
- Adjust the table height after you have found your correct sitting posture.
- Your elbows should be angled by 90-120° when your arms rest on the tabletop. The edge of the top should not press against your arms.

Equipment on the table

- Incident light (day light or lamps) on your monitor should approach the surface of your screen by an angle of 90°.
- The height of your monitor should be adjusted in way that enables you to look slightly downward while focusing the centre of your screen.
- Please keep a distance of 60-70 cm from your screen
- A careful posture for your wrists can be achieved by a flat narrowed keyboard.
- Please heed the advice in the manuals of your further (ergonomical) equipment.

5. Technical specification

Assembly Manual version	ELE-SOL001-0EN-DE-NL
Release date	December 2018
Country of origin of the leg unit and foot	Malaysia
Country of origin of the tabletop	Germany
System	2-step
Material	Steel, aluminium, plastic, wood based materials
Stroke (max.)	660 mm
Load (max.)	80 kg
Weight	± 45 kg
Speed load	± 39 mm/s
Input power	230V / 50Hz / max. 8A
Duty cycle	30s on / 3 Minutes off
Durability	10.000 Cycles (average use)
Noise level	< 55 dB(A)
Permissible environment temperature	15 - 30 °C
Permissible environment temperature storage	10 - 50 °C
Permissible air humidity	<85%
Permissible air humidity storage	<50%
Maximum stockholding time	-
Standby power, primary (typical)	0,1W
Indoor use only.	

5. Technical Specification(*General Tolerance = ± 1 cm)

Minimum Height 640 mm
Maximum Height 1300 mm
Maximum Stroke 660 mm

Tabletop Width (B) 1380 / 1600 / 1800 / 2000 mm
Top Depth (T) 670 / 800 / 800 / 800 mm
Foot Depth (K) 550 / 750 / 750 / 750 mm

Maximum Load 80 kg

6. Operation and Indicators

Observe the provisions of Section 2, Safety Information, on page 5—7, in particular:

Do not leave children unsupervised with the table. Children may be unaware of the dangers presented by the table. They would be in serious danger of injuring themselves, possibly even with fatal consequences. Please make sure that further adjustment is impossible when the table is still used by children.

Do not exceed the maximum time lag of the table.

Make sure there is ample space to avoid collisions if there are objects on the work surface such as computers or computer peripherals.

6.1 Indicators

Leave the immediate surroundings of the table at once if it starts to move spontaneously. Under no circumstances attempt to operate the table. Have the table repaired by specialists. Refrain from using the table until it has been successfully repaired.

Stop using the table at once if you notice anything unusual (strange sounds, smoke, etc.). Have the table repaired by specialists. Refrain from using the table until it has been successfully repaired.

Stop using the table at once if its safety features fail to work as they should.



Only clean the table with a dry or slightly moist cloth. Before cleaning, you must always unplug the power cord.



Unplug the power cord during a thunderstorm or if you do not intend to use the table for a longer period. The control unit might otherwise be damaged by power surges.

7. Recycling

7.1 Taking the table out of active duty

- Pull the power plug out of the electricity socket.

7.2 Taking the table apart

- In case of de-assembling please follow the manual backwards or contact customer service.

7.3 Recycling

- Please split all parts to their type of material. Keep notice of National restrictions!

8. Troubleshooting

Problem	Possible cause	Solution
Height adjustment does not work.	Cables or connectors defective.	Check cables for damages and if necessary replace them. Power in order?
Height adjustment does not work.	If cables and connectors have been checked a possible cause could be a defective up-down switch.	Replace up-down switch.
Height adjustment does not work.	Error in power supply.	Initialize reboot.

If your problem couldn't be solved or is not listed here, please contact your customer service for further advise.

9. EU-Declaration of Conformity in annex II A

We herewith confirm that the appliance as detailed below complies with the governing EU-directives (in particular with those directives mentioned below) and bulk production will be manufactured accordingly.

Article description:

Elements Solid (670)

Article number:

EL-CTF-ATX-XXXXXX-XXX-EXX1-EU-XXXXX

Model

Spindle Lift System

Technical data:

width: 1380 - 2000 mm

height: 640 - 1300 mm

depth: 670 - 800 mm

Material: Steel, aluminium, plastic and wood based materials

max. load: 80 kg

Harmonised EN-Standards and general standards. The article complies with the standards as mentioned below:

DIN EN 527-1:2011

DIN EN 527-2:2017

EK5/AK3 13-01:2014

DIN EN 61000-6-2/3

DIN EN 61000-3-2/3

DIN EN 60335-1

DIN FB 147

DIN EN 12100

DIN EN 60204-1

10. Customer service

Make sure you have the manual at hand when contacting the customer service.

Importer / distributor**Actiforce Europe GmbH**

Rudolf-Diesel-Straße 29-31

31582 Nienburg, Germany

T: +49 5021 88 7750

E: contact@actiforce.de

W: www.actiforce.com

Actiforce Western Europe

Het Steenland 20

3751 LA

Bunschoten-Spakenburg,

The Netherlands

T: +31 33 460 01 20

E: info.holland@actiforce.com

Actiforce Nordics

Nyvej 14

4262 Sandved, Denmark

M: +45 225 388 99

E: mw@actiforce.com

Actiforce Asia

3, Jalan Delima Jati Pusat

Perniagaan Delima Jati

14100 Simpang Ampat

Penang, Malaysia

T: +60 450 416 21

M: +60 450 416 23

E: mw@actiforce.com

11. Manufacturer

Manufacturer:

Actiforce International BV

Het Steenland 20

3751 LA Bunschoten-Spakenburg, The Netherlands

T: +31 (0)33 4600120

E: info.holland@actiforce.com

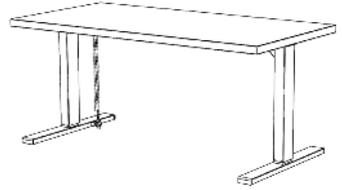
W: www.actiforce.com

12. Certification

TÜV + GS

Elements Solid 670:

Height: 640mm – 1300mm
Stroke: 660mm
Tabletop Size: 1600x800, 1800x800, 2000x800
Tabletop Colour: Silver



TÜV Type tested, Production monitored

Elements Solid 670:

Height: 640mm – 1300mm
Stroke: 660mm
Tabletop Size: 1380x670, 1600x800, 1800x800, 2000x800
Tabletop Colour: Black, White

