

Table Column Set 1 E

Table Column Set 2 E

Table Column Set 3 E

Table Column Set 4 E

Table Column Set 6 E

Table Column Set 8 E

Installation guide

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Symbols, safety



Important information



Note! Failure to observe this safety instruction can result in material damage



Warning! Failure to observe this safety instruction is likely to result in material damage, serious injury or death



Danger! Failure to observe this safety instruction can result in material damage, serious injury or death



Caution! Failure to observe this safety instruction can result in material damage or injury



Observe directions for disposal



Observe packaging instructions



Risk of cable break



Risk of crushing



Maintenance

General safety information

The details and information in this installation guide are provided for the purposes of describing the product and its installation only. This information does not discharge users from the obligation to conduct their own assessments and checks. It is also important to bear in mind that our products are subject to a natural process of wear and ageing.

This guide contains important information that will enable you to use the product safely and appropriately. When sold, rented out or otherwise passed on to another party, this product must be handed over with the installation guide.

When installing, operating and maintaining the electrically height-adjustable table columns, it is important to ensure that all moving elements are secured so that they cannot be switched on and moved unintentionally. Rotating and moving parts can cause serious injury! You must therefore read and follow the safety instructions set out below.

All work on and with the electrically height-adjustable table columns must be performed with “safety first” in mind.

Switch off the power to the table columns before carrying out any work on the electrically height-adjustable work bench.

Ensure the table columns cannot be switched on unintentionally, e.g. by affixing warning notices at the activation point or by removing the fuse from the power supply.

Do not place your hand within the operating range of moving parts on the electrically height-adjustable table columns when they are still switched on.

Fit guards and covers to the moving parts of the electrically height-adjustable table columns to ensure they are not touched unintentionally.

Observe the regulations pertaining to accident prevention and environmental protection that apply in the country and workplace where the product is being used.

You should use only item products that are in perfect working order.

Failure to use original spare parts will invalidate the product warranty!

Check the product for obvious defects.

Use the product only within the performance range described in the technical data.

Ensure all the safety equipment associated with the product is present, properly installed and in full working order. Do not alter the position of safety equipment, circumvent it or render it ineffective.

The electrically height-adjustable table columns described here correspond to the state of the art and take into account the general principles of safety applicable at the time this user guide was published. Nevertheless, failure to observe the safety instructions and warning notices in this guide may result in personal injury and damage to property.

We will assume no liability for any resulting damage or injury. We reserve the right to make changes that represent technical advances. Keep this guide in a place where it can be easily accessed by all users. Observe the directions contained in the overarching user guide for a system.

The general safety information applies to the entire lifecycle of the electrically height-adjustable table columns.

1. During transportation

Observe the handling instructions on the packaging. The table columns are normally to be retracted for transportation. Until it is installed, the product must be stored in its original packaging, protected from moisture and damage. Ensure moving parts are secured when in transit and cannot cause any damage. Suspended loads can fall during transportation if load-bearing equipment is inadequately dimensioned or is incorrectly secured, thus leading to serious injuries (including fatalities).

- Keep clear of suspended loads.
- Use lifting gear with sufficient load-bearing capacity (see delivery paperwork for product weight).
- Carefully secure lifting gear.
- Attach lifting gear to the product only at sufficiently stable points.
- Always place the height-adjustable work bench on a level surface. Observe environmental regulations.
- Always perform a test run on the uninstalled product before installing it in a completed system.

2. During installation

Always ensure the relevant section of your overall system is not live before installing the product and/or plugging it in or unplugging it. Ensure the system cannot be switched back on. Lay cables and lines in such a way that they cannot be damaged and do not represent a trip hazard. Avoid areas that pose slip, trip and fall hazards.

3. During start-up

Allow the product to acclimatise for a few hours before starting it up.

Ensure that the partly completed machine is securely and safely integrated into the completed machine. Only start up a product that has been installed in full.

In order to ensure safe operation under the final conditions of use, it is the responsibility of the operator to check the entire solution for electrical and mechanical safety for electrical and mechanical and, if necessary, ESD safety in accordance with the standards at the place of destination and to repeat this at appropriate intervals.

4. During operation

Ensure that only persons who have been

authorised by the operator have access to the immediate operating area of the height-adjustable table columns. This also applies when the system is not in operation. It must not be possible to actuate moving parts unintentionally.

In the event of emergencies, malfunctions or other irregularities, deactivate the height-adjustable table columns and ensure they cannot be switched back on. Ensure that nobody can step below suspended loads and prevent access below the working surface of the height-adjustable table columns. The height-adjustable work bench is not suitable for lifting people.

5. During cleaning

Close all openings with suitable protective equipment to ensure that cleaning agents cannot penetrate the system. Do not use aggressive cleaning substances. Do not use a high-pressure cleaner for cleaning.

6. During maintenance and servicing work

Carry out the prescribed maintenance work at the intervals stipulated in the user guide. Ensure that no cables, connections or components are detached or removed while the system is live. Also ensure that the height-adjustable table columns cannot be switched back on.

7. During disposal

Dispose of the product in accordance with the national and international regulations that apply in your country.

Correct use

The Table Column Set is a partly completed machine as defined in the Machinery Directive (2006/42/EC). The electrically height-adjustable table columns must only be used in accordance with the technical data and safety requirements set out in this document. The electrically height-adjustable table columns are technical items of work equipment and are not intended for private use.

If major alterations are made to the electrically height-adjustable table columns, compliance with the Machinery Directive will need to be renewed and the documentation supplemented accordingly.

The Declaration of Incorporation pursuant to Machinery Directive 2006/42/EC, Annex II Section B for partly completed machinery can be found on the relevant product page in our Online Shop.

The Table Column Set is a moving device for the raising and lowering of a working surface and accessories.

Internal company requirements and the regulations that apply in the country where the product is being used must be observed. You must not make any design modifications to the electrically height-adjustable table columns yourself. We will assume no liability for any resulting damage or injury.

You may only install, operate and maintain Table Column Sets if:

- The Table Column Set is used only in a fixed, stationary location
- The Table Column Set is integrated into its surroundings in a proper and safe manner; the operator is responsible for ensuring proper and safe installation
- You have carefully read and understood the installation guide
- You are appropriately qualified
- You are mentally and physically capable of doing so
- You are authorised to do so by your company
- You are using only original equipment from the manufacturer

Unsafe or inappropriate use of the electrically height-adjustable table columns runs a risk of serious injury through crushing and cuts.

Improper use

Improper use is defined as any use of the product for purposes other than those authorised in the installation guide and under the definition of correct use. We will assume no liability for any resulting damage or injury.

Personnel qualifications

Assembly, commissioning, operation, disassembly and maintenance work (including servicing and care) require an adequate knowledge of electrical and mechanical engineering and an understanding of the relevant technical terminology. To ensure operational safety, these activities must therefore be carried out only by a qualified person or by trained personnel under the direction of a qualified person.

Qualified persons are individuals who – by virtue of their specialist training, know-how, experience and knowledge of pertinent provisions – are able to assess the work that is assigned to them, identify potential hazards and put in place appropriate safety measures. Such qualified persons must comply with the applicable specialist regulations.

Product description



The item Table Column Sets are the basis for customised, electrically height-adjustable work benches. The stable lifting columns support a range of working positions with a maximum travel distance of 420 mm. The ability to swap easily between sitting and standing work takes a great deal of strain off the back.

Three different working heights can be saved to introduce ergonomics into everyday working life – whether different operators are using the same bench during different shifts or users want to quickly change between typical working positions. The Line 8 grooves on the outer Telescope Profile can be used to attach load-bearing and connecting structures. The columns are designed exclusively for the occasional adjustment of tables and fixtures and are not intended for use in automation processes.

Table Column Set 2 E 230V – 0.0.650.02
Table Column Set 2 E 120V – 0.0.650.03*

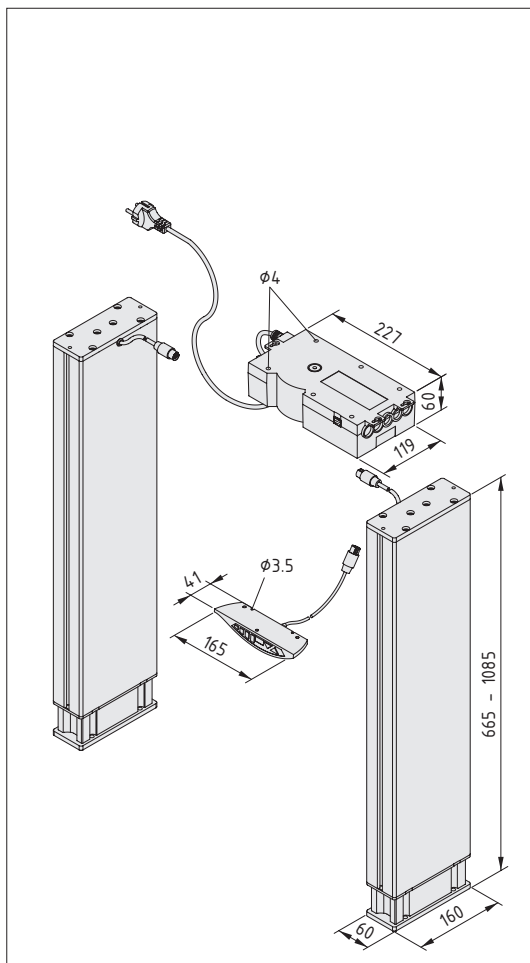
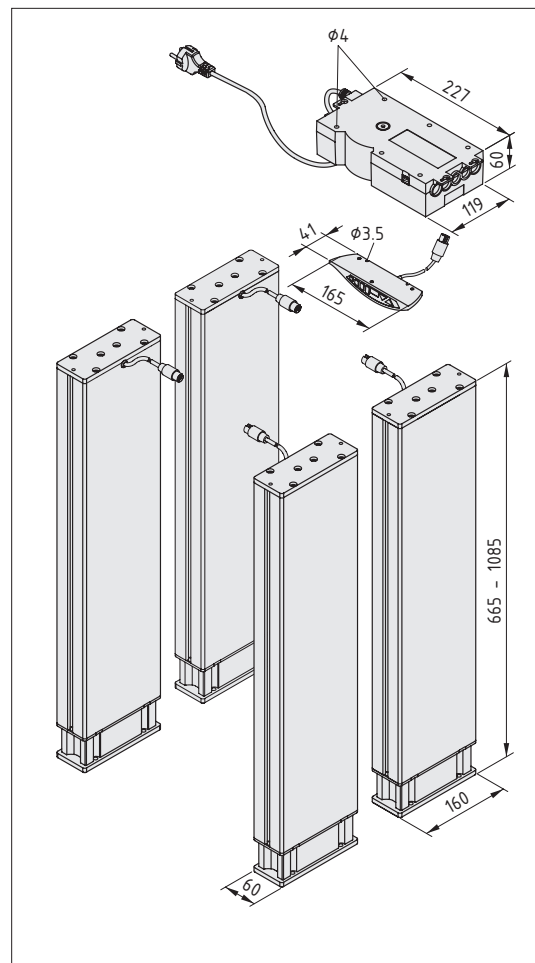


Table Column Set 4 E 230V – 0.0.650.04
Table Column Set 4 E 120V – 0.0.650.05*



* The version with 120V control unit is supplied without power cable.
Control unit with socket for IEC 60320 - C18.

Table Column Set 1 E 230V – 0.0.693.89

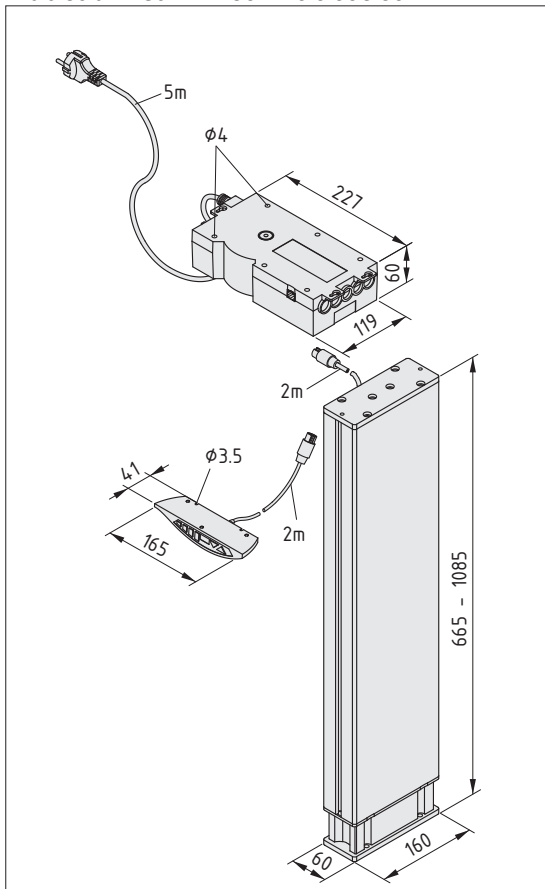


Table Column Set 3 E 230V – 0.0.693.90

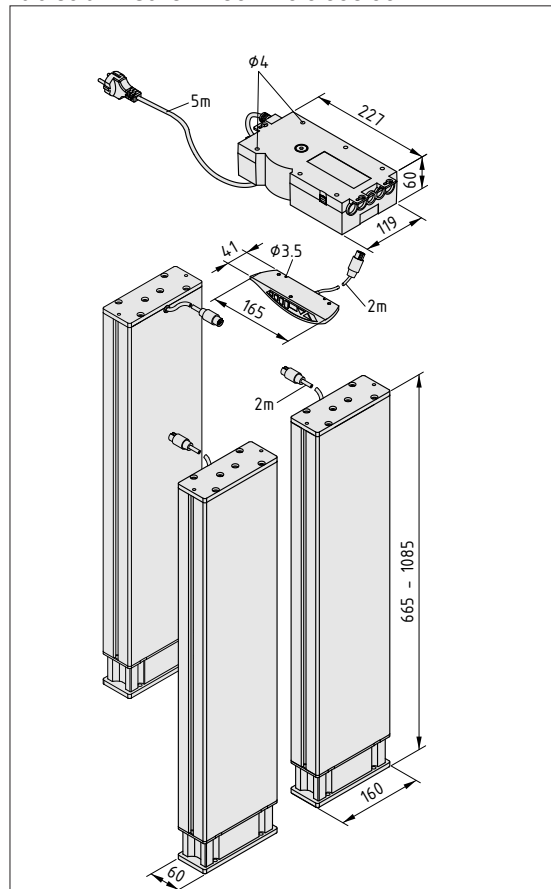


Table Column Set 6 E 230V – 0.0.718.72

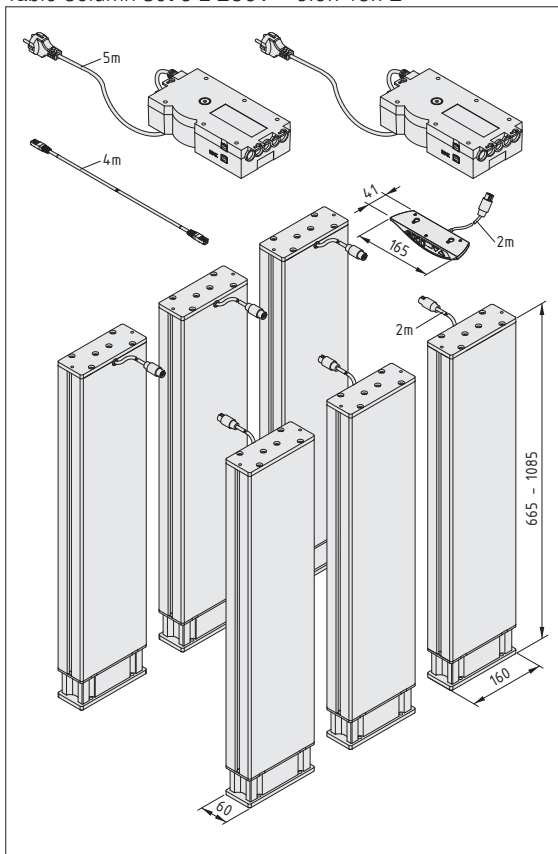
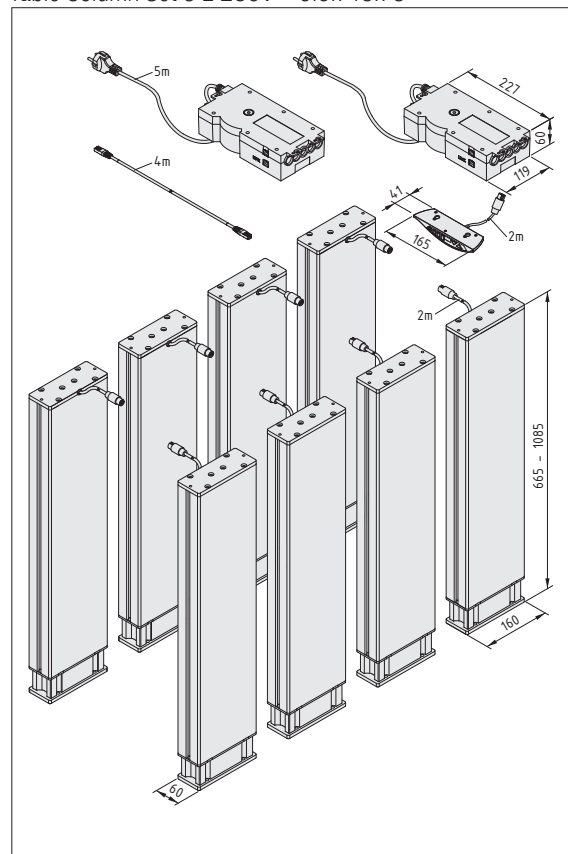


Table Column Set 8 E 230V – 0.0.718.73



Operating data

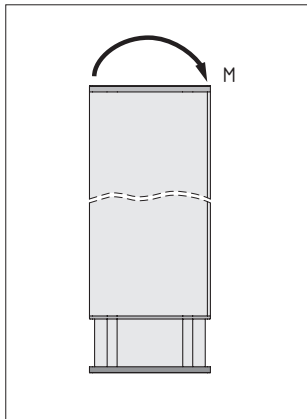
Max. load, Table Column Set 1 E	1400 N
Max. load, Table Column Set 2 E	2000 N
Max. load, Table Column Set 3 E	3000 N
Max. load, Table Column Set 4 E	4000 N
Max. load, Table Column Set 6 E	6000 N
Max. load, Table Column Set 8 E	8000 N
Speed	25 mm/s
Temperature range	-5°C to +40°C
Noise emissions	< 70 dB (A)
Travel range, Table Column Set E	420 mm
Minimum mounting level	665 mm
Temperature operating range	-5°C to +40°C
Storage temperature	-25°C to +70°C
Relative humidity	5% to 85%



Air pressure > 84 kPa, equivalent to altitude of < 1400 m above sea level

At altitudes > 1400 m, the load values are reduced by 15%.

Selecting and installing appropriate components ensures the Table Column Sets are suitable for use in areas where electrostatic charges pose significant hazards. We recommend you consult your item representative.



Designs must take into account the maximum permissible torque load of

$M_{max.} = 140 \text{ Nm}$ for the table columns.



DANGER! In the case of high loads, make sure that the substructure can also withstand the expected moments and loads.

Setting up the height-adjustable table columns

Environmental considerations

The height-adjustable table columns are intended as a permanent fixture in an area that is protected from the weather.

- The area should be free from mould and fungus and show no traces of rodents or other pests.
- Do not install or use in close proximity to industrial plants that produce chemical emissions.
- Do not install or use near sources of sand or dust.
- Do not install or use in an area that is regularly exposed to high-energy surges such as those caused by presses or heavy machinery, for example.

- The table columns are resistant to many of the substances usually encountered in the production area, such as water, mineral oil, grease and detergents. In case of doubt regarding resistance to certain chemicals such as test oil, alloyed oils, aggressive cleaning substances, solvents or brake fluid, we advise that you consult your specialist representative.
- Avoid long periods of contact with highly acidic or alkaline substances.
- Consult the manufacturer if using in very salty air.

Levelling

To set up the table columns, you will need a spirit level.

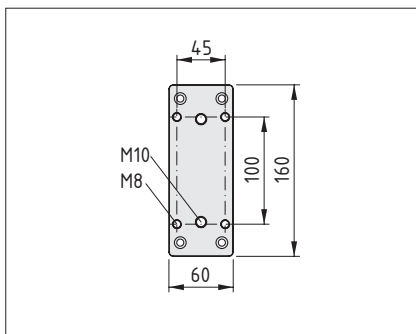


Incorrect set-up and start-up cause faults. The height-adjustable construction may be damaged and its service life may be shortened.

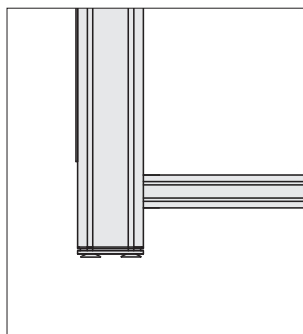
- When setting up the table columns on uneven ground, use the spirit level to ensure they are square and axially parallel.
- Do not subject the table columns to bending loads.
- Do not use the table columns in combination with other guides (forced guidance).
- Adjust the clearance between the columns to suit the anticipated loads, but do not position them any more than 2 metres apart.
- Initialise (reset) the table columns before they are mechanically fixed together.



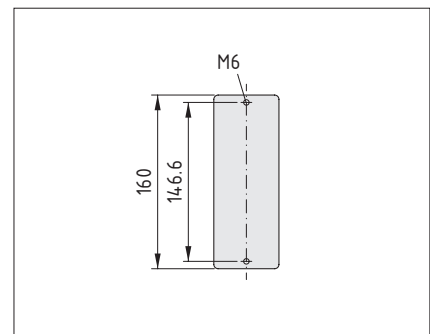
Danger! A table system solution with 6 or 8 table columns can result in a very cluttered, large table surface. The risk of clamping zones and collisions due to lack of visibility during use and during operation of the table columns is high.



The M10 threaded bores in the base plates can be used to connect any adjustable feet.



Level the table columns by twisting the M10 adjustable feet underneath the table columns in or out by hand and check using a spirit level.



The M6 threaded bores in the mounting plates can be used in combination with Automatic-Fastening Sets 8 to connect the columns to Profiles 8 160x60 4N E.

Electrical connections for height-adjustable table columns

Control units

Control units are used to control and synchronise height-adjustable table systems with 1, 2, 3, 4, 6 or 8 table columns. Each variant has its own control unit.

Control unit EU; 230 VAC
USA/CDN; 120 VAC

Control unit for one table column, 230V:	0.0.693.77
Control unit for two table columns, 230V:	0.0.631.76
Control unit for two table columns, 120V:	0.0.639.59
Control unit for three table columns, 230V:	0.0.693.78
Control unit for four table columns, 230V:	0.0.631.77
Control unit for four table columns, 120V:	0.0.639.60

To synchronize height-adjustable table systems with 6 or 8 table columns, two linkable controllers must be used in each case.

Control unit for six table column, EU; 230VAC:

Control unit 2E, 230V, linkable:	0.0.718.92
Control unit 4E, 230V, linkable:	0.0.718.91

Control unit for eight table column, EU; 230VAC:

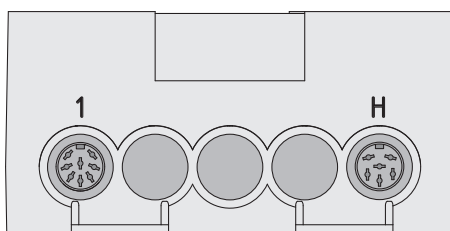
Control unit 4E, 230V, linkable:	0.0.718.91
Control unit 4E, 230V, linkable:	0.0.718.91

- The duty cycle is 10%, which means the table columns can be run for two minutes in continuous operation and will then switch off for 18 minutes
- Check the seating of all plug connections.
- Use a power cord to connect to the mains.

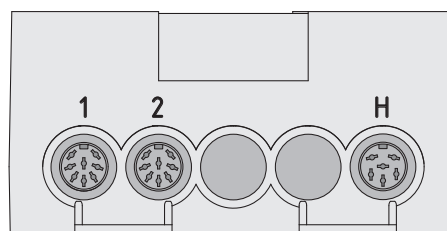
Observe the following points when installing and operating the control system:

- The control system and manual controls must be positioned and secured as appropriate to local conditions. If necessary, alter their position.
- The installation site should be dry, free of dust and away from direct sunlight.

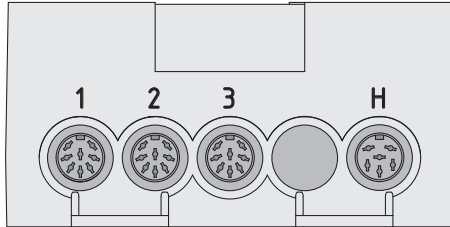
Control unit for one table column:
EU; 230 VAC



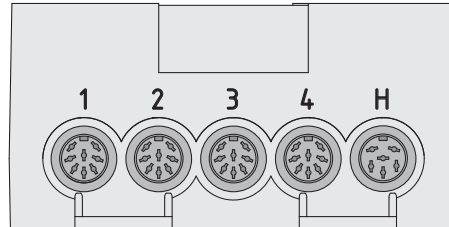
Control unit for two table columns:
EU; 230 VAC
USA/CDN; 120 VAC



Control unit for three table columns:
EU; 230 VAC



Control unit for four table columns:
EU; 230 VAC
USA/CDN; 120 VAC



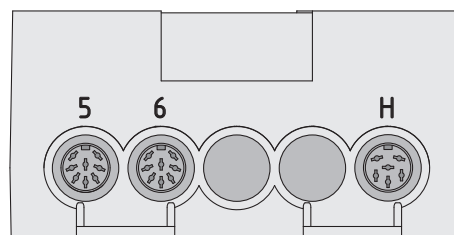
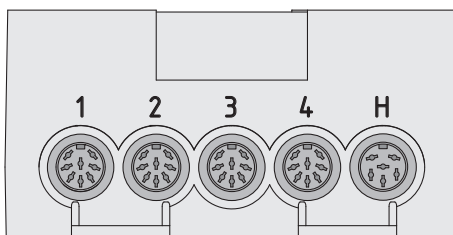
NOTE! The side view of all control units shows the 8-pole connections of the table columns. A maximum of four table columns can be connected. The 6-pole socket H is reserved for the manual controls on all Table Column Sets. The connection sockets that cannot be used are equipped with dummy plugs. The number of table columns used must match the control system. For example, a control system for four table columns cannot be used to control a work bench with just three columns.

NOTE! Table system solutions with six or eight table columns are a special feature. Two controllers are required in each case, which must be linkable. The six or eight table columns are connected to the sockets 1-6 or 1-8 of the controllers, depending on the possibility. A certain sequence does not have to be observed and can also be changed if necessary. The manual controls for controlling the six or eight table columns is plugged into a socket H.

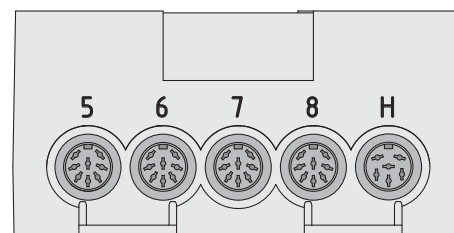
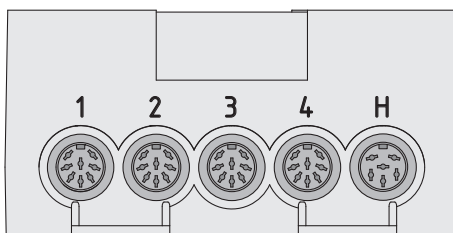


CAUTION! Only one manual controls can be used at a time. In the case of the table column sets 6 E and table column sets 8 E, only one socket H of the two control units may be occupied with a manual controls at any one time. If necessary, the manual control can be changed to the free socket H, it is important to use only one manual control. When changing the manual control, the mains plug must be disconnected and you may have to do a reset.

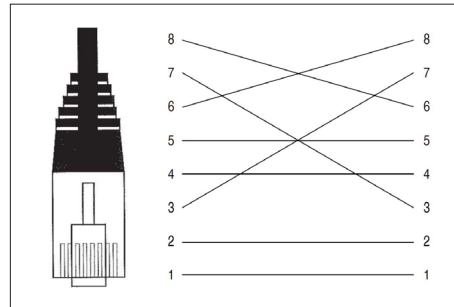
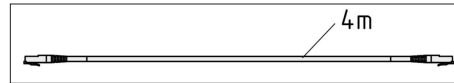
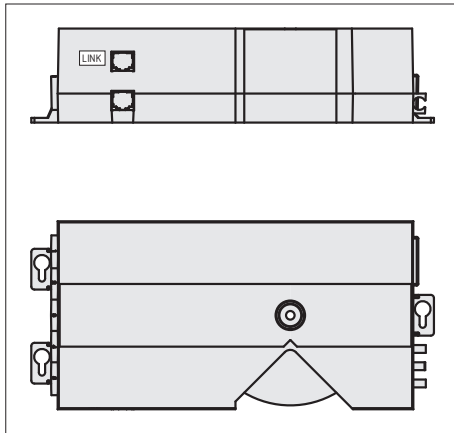
Control unit for six table columns:
EU; 230 VAC



Control unit for eight table columns:
EU; 230 VAC



A special feature for the combination of two controllers is a second marked RJ45 input on the side of the controllers. This connects both controllers with the enclosed RJ45 cable.



Only the control units of the table column set 6 E and 8 E have a second RJ45 connection. The RJ45 connection of the two controller units used is connected with a synchronization cable RJ45.



CAUTION! The RJ45 synchronization cable of the table column set 6 E and 8 E has a special wiring and cannot be replaced by a standard RJ45 cable. The RJ45 synchronization cable cannot be extended.

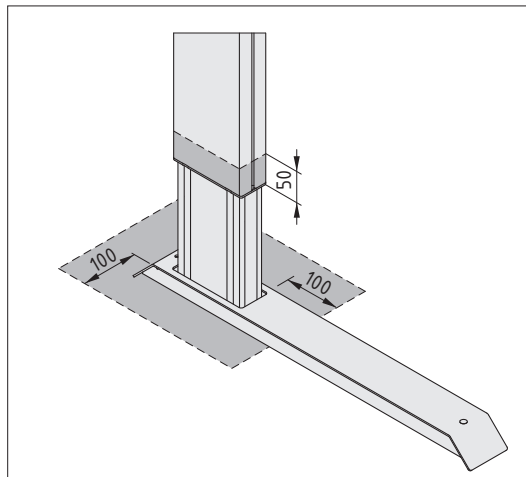
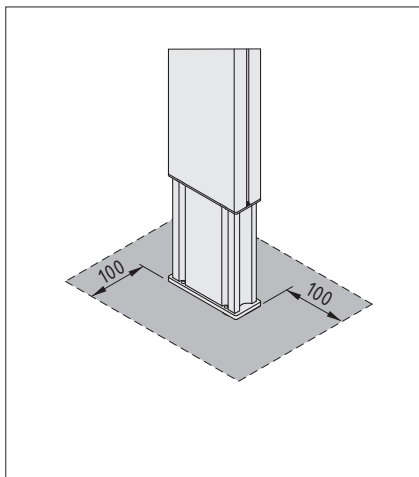
CAUTION! When wiring the power supply, the cable must be passed through the strain relief provided on each control to prevent damage to the wiring. The cable must not be kinked.



- The control system can be operated in a temperature range of between 0°C and +35°C.
- Consequently, you should not install the control system:
 - above or in front of heat sources (e.g. radiators)
 - in locations that are exposed to direct sunlight
 - in small, unventilated, damp rooms
 - on or near highly flammable materials
 - near high-frequency devices (e.g. transmitters, radiation-emitting devices or similar equipment).
- It is advisable to install surge protection to protect against the types of electrical surges that can occur during thunderstorms. Consult an electrical engineer.

**Danger!**

- Never open the control system's housing or the power pack! Unauthorised opening of the housing and inappropriate repairs can cause hazards for users and shall invalidate the warranty. Only the manufacturer's personnel are authorised to open or repair the electrical systems.
- Do not allow any liquids to penetrate inside the control system or the power pack, as this could result in an electric shock or short circuit.
- Use only a dry or slightly damp cloth to clean the control system and the manual controls.
- Stop using the device immediately if it begins to emit smoke or an odour, operates in an unexpected way, makes unusual noises or shows visible signs of damage. Disconnect the system from the mains by removing the plug.
- The control system may only be used with item table columns.



Ensure that connecting cables and electrical lines are not bent, pulled or subjected to mechanical loads. Lines, cables, etc. must not be laid in the foot area of the table columns in particular (safety area of approx. 100 mm around the table column feet). Furthermore, no attachments are to be mounted at the lower end of the Table Column Set's outer profile if the table column is inserted into a knuckle foot. A safety clearance of over 50 mm from the lower end of the table column's outer profile is to be maintained.

Start-up

The basic function of the control system is to raise or lower the table columns. Both of these functions can be performed via the table's manual controls (before changing the manual controls, disconnect the power supply; it may be necessary to reset the system).



ATTENTION! When changing the manual control, the mains plug must be disconnected and you may have to initiate a reset.

When starting up the table columns:



- When running the drive, please ensure no objects (e.g. furniture) or body parts become trapped.
- To prevent crushing and cuts, nearby objects should be kept at a minimum distance of 25 mm from the table columns.
- Load values must not be exceeded.
- Safety instructions must be followed.
- Inappropriate use of the system can pose hazards to people and equipment.



- The product warranty is valid only when the product is used as intended.
- Table columns must not be subjected to tensile loading.

The height-adjustable construction can be damaged if it comes into contact with obstacles, and its service life may be shortened.

Keep the travel area beneath the table top and the safety area around the table column feet clear.

Table design:

Table tops or attachments must be rigidly connected to the drive system. For this reason, it is not permitted to connect the adjustable feet rigidly to the floor. The resulting over-rigid guidance damages the table columns.

WARNING! Especially with large table system solutions, e.g. with table column sets 6 E and 8 E, special attention must be paid to clamping points and possible collisions during installation and operation.

In order to ensure safe operation under the final conditions of use, it is the responsibility of the operator to check the entire solution for electrical and mechanical safety for electrical and mechanical and, if necessary, ESD safety in accordance with the standards at the place of destination and to repeat this at appropriate intervals.

Initialising the table columns when starting up the system for the first time (RESET)

If the table columns are being started up for the first time, or if a corresponding error message is displayed, the system needs to be RESET before the construction can be used as normal.

The height-adjustable table columns are already initialised and ready for use when supplied.

During initialisation (RESET), all connected columns ready for use retract fully as far as the mechanical limit stop.

During initialisation (RESET), do not restrict the movement of the table columns by means of any mechanical connection or obstacles.

The connected table columns need to be initialised (RESET):

- When a faulty table column has been replaced.
- When an error message has been issued (A 64: RESET – compulsory), e.g. after a power cut that has occurred while the table columns were moving.

The reset journey (initialise) takes place at reduced speed.

RESET (initialise) the system as follows:

Hold down the “DOWN” and “UP” buttons together. After a brief pause, the travel modules travel downwards to the mechanical stop and switch off. Now release the buttons. The RESET is confirmed by an audible signal that sounds three times. The system is now ready.



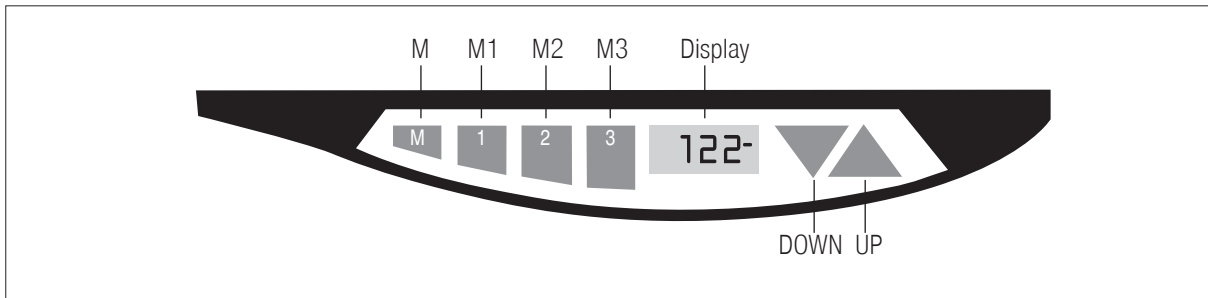
DANGER! It is essential to ensure all connected columns are moving during the initialisation run. No synchronisation takes place during this process. Columns that are not ready to use represent an acute safety risk. In the event of an error, take the construction out of operation. Disconnect the system from the power supply and avoid any risks.



RESET following a power failure

If there is a power cut while the table columns are moving, the system will need to be RESET before the construction can be used again as normal.

Operation



Manually adjusting the table column height

Use the “DOWN” button to move down and the “UP” button to move up.

The display shows the working height in centimetres for guidance. The exact value depends on the thickness of the table top, the height setting of the adjustable feet and the configuration of the base height.

The table columns travel up and down at normal speed for as long as the relevant button is held down. The table columns are automatically stopped before they reach the mechanical stop position.



NOTE! If the table columns are travelling downwards, the travel module stops automatically a few centimetres before they reach the stop position. Pressing the “DOWN” button again causes the table columns to travel downwards at a reduced speed until they reach the stop position (safety feature to prevent e.g. body parts being caught).

If the table columns are already within the safety range and are to be lowered further, but were previously being moved upwards, press the “DOWN” button twice.

On-time limiter

The electronic system monitors how long the table columns have been active. If the maximum permissible time is exceeded, the electronics will not permit any further movement of the table columns. This protects the power pack, control system and drives against overload. The duty cycle is designed for a maximum operating time of two minutes and a subsequent pause of 18 minutes (10% duty cycle).

Safety range

A certain section of the table column (a few centimetres before the lower stop position) is referred to as the safety range. When table columns reach this point, they stop. When the “DOWN” button is pressed again, they continue moving down, but at a reduced speed. If table columns are to be lowered when they are already within the safety range, and they were previously being moved upwards, the “DOWN” button will need to be pressed twice.

Overload detection

The control system detects an excessive (weight) load on the construction and switches off. After they are started/before they are stopped, the table columns briefly operate at reduced speed.

Soft start/soft stop

After they are started/before they are stopped, the drives briefly move at reduced speed to ensure smooth, jerk-free operation.

Movement lock

When the movement lock is engaged, the table columns cannot be moved, thereby preventing uncontrolled movement of the construction.

Press the “M” button for 10 seconds to engage or disengage the movement lock.

Memory function

Additional memory function for the storage of height settings and for moving the table to these heights.

1. Manually adjusting the table height
2. Storing a height setting (memory)

The control system can store three standard positions.

Press the “M” button three times to access memory mode.

Within 5 seconds, press one of the three buttons – M1, M2 or M3 – to store the height position currently set.

The control system emits an audible signal to confirm that the setting has been stored in the memory.

Moving the table columns to stored heights

Hold down one of the three buttons – M1, M2 or M3 – until the corresponding position is reached.

Setting the upper and lower travel limits

The travel distance can be electronically limited to prevent collision with any potential obstacles in the travel range. For reference purposes, the lower mechanical limit switch must stay within range.

Press the “M” button eight times to enter setting mode. An audible signal indicates the setting mode is active.

Press the “UP” or “DOWN” button to move the table columns to the desired upper or lower travel limit.

Once the columns are in the correct position, press the “M” button three times and then press the “UP” or “DOWN” button, depending on which limit is selected.

An audible signal from the control system confirms that the correct setting has been adopted.

The same process of approaching the absolute limit positions must be used to reset the travel limit. Programmed travel limits cannot be overridden with the memory or arrow buttons.

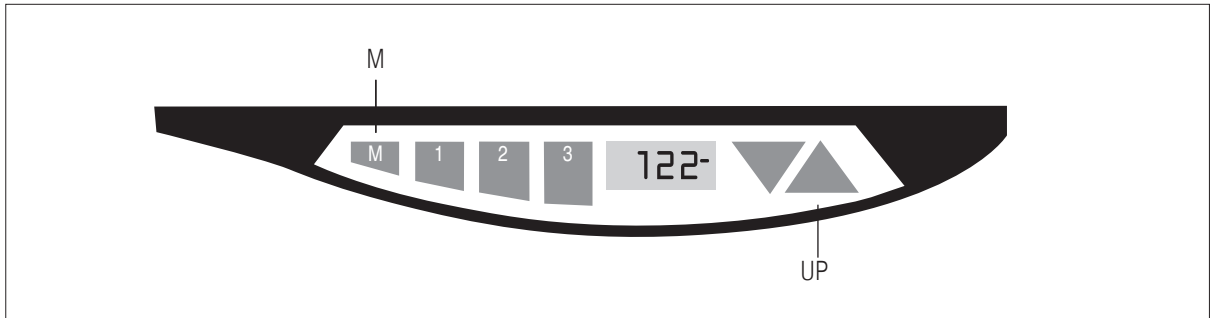
If no buttons are pressed for 10 seconds when in setting mode, the process is automatically terminated. This is confirmed by an audible signal from the control system.




DANGER! Collisions with obstacles in the travel range can cause serious damage and injuries.
It is the operator's responsibility to ensure the travel range is clear of any obstacles.

Switching between cm / inch

Press the "M" and "UP" buttons together to change the display between centimetres and inches.



Error messages on the manual controls

 Cause	Solution	
A 63	Connection to manual controls faulty	Check the connections of the manual controls and control system, replacing the manual controls if necessary.
A 64	Reset – compulsory	Please RESET the system (see RESET section).
A 65	Movement lock engaged	Press the “M” button for 10 seconds.
A 6F	Travel monitor 1. The table could be jammed or overloaded. 2. A motor is incorrectly connected to the control system.	1. Remove the load and move the table a short distance in the opposite direction. 2. Check the plug connection and RESET the system (see RESET section). If the error persists, contact your service partner.
A 70 A 71	Faulty motor signal	Check the plug connections of the columns. It may be necessary to replace the control system or columns. Replace the parts or contact your service partner.
A 72 A 73	Motor not recognised	Check the plug connections. If the error persists, the column or control system is defective. Replace the parts or contact your service partner.
A C9	On-time limiter/ overheating protection	The electronic system monitors how long the drives have been running. If the maximum permissible time is exceeded, the electronics will not permit the drives to be run any longer. This protects the power pack, control system and drives against overload.
A CA	Overheating: The control system has exceeded the permitted temperature	You must wait until the transformer has cooled down. How long this will take depends on the ambient temperature.
A D7	Overcurrent in drive: One or more drives are overloaded	Check the permissible load for the table in the installation guide. Remove the cause of the overload. Check that the table has been properly assembled and is free from strain. If the error persists, contact your service partner.
E 6A	Short circuit – manual controls connection	Check the connections. The control system or the manual controls may be faulty. Replace the faulty part. If the error persists, contact your service partner.
E D4 E D7	Short circuit – motor connection	Check the connections. The control system or the guiding column may be faulty. Replace the parts. If the error persists, contact your service partner.
E DE E E9	Control system faulty	Replace the control system or contact your service partner.

If the manual controls display a fault code that is not listed in the table, contact the manufacturer.

Maintenance and servicing work



Height-adjustable table columns require no maintenance.

- See the error messages section for warning/error messages and solutions.

Disassembly and replacement of parts



Touching live parts can lead to an electric shock, causing serious injuries or death.

- Before carrying out maintenance work, switch off the power supply.
- Put in place suitable measures to prevent the power supply from being switched back on unintentionally.
- Use only original spare parts.

Disposal



The materials used are environmentally friendly.

They can be recycled or re-used (after any necessary refurbishment and replacement of parts). The use of appropriate materials and easy dismantling ensure the product can be recycled.

Improper disposal of height-adjustable table columns can pollute the environment.



You should therefore dispose of them in accordance with the national regulations that apply in your country.

Product development and documentation

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