



Alma HT



Alma HC

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[www.dromeas.com](http://www.dromeas.com)

Height adjustment 650 - 1290mm

Lifting capacity 125kg

DROMEAS S.A.  
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**DROMEAS**  
OFFICE FURNITURE

## Prologue and instructions for the user

This operating manual informs you about the accessories, operation, use and maintenance of the Alma HT/HC working desk with electric height adjustment. These operating instructions are part of the Alma HT/HC working desk. They are valid only as a complete document. This manual should also be included in the case of resale of this office desk. Users of the Alma HT/HC working desk must read and comply with these safety instructions.

Dromeas implements a quality management system that meets the requirements of DIN EN ISO 9001. The product has been certified in accordance with EN 527-1, EN 527-2, EN 527-3, GS and RAL UZ 38:

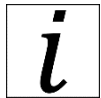
A five year guarantee of good functioning is provided. With regard to electrical components, a two-year warranty is provided.



## Safety Precautions and Instructions

The electrically adjustable Alma HT/HC working desk is designed exclusively for office use. Any other or further use is considered inappropriate. In the event of inappropriate use, Dromeas assumes no liability for any damages that may be incurred and no warranty for the faultless and functional use of the parts. The intended use also includes compliance with all the instructions in this manual.

Safety instructions help to avoid personal injuries and material damage. The basic precautions for the unpacking, assembly and operation of the working desk should be carefully read in Chapter 3.



Information: Dromeas assumes no liability or warranty for damages and malfunctions resulting from noncompliance with the operating instructions.

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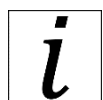
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## 1. Introduction

The ALMA office series has been enriched with design solutions and proposals that respond to the current needs of flexibility and ergonomics in the modern work environment.

The ability to adjust the height of the working surface ensures maximum fitting of the furniture to the people. It creates a functional and flexible workspace, while maintaining its unified aesthetics. The lifting mechanism (motors) is mounted on two vertical supports (lifting units) on the working desks. The height adjustment of the office is achieved by selecting the corresponding keys on the controller. The adjustment range is 640-1290 mm, the maximum lifting speed is estimated at 38 mm / sec and the lifting capacity is limited to 105 kg.

The following instructions give you a detailed description of the product with reference to the packaging and the various parts, technical specifications and materials used, as well as its ergonomic and environmental aspects. Furthermore we provide all the necessary instructions for the life cycle of the product: from assembly and use to the end of the life cycle. Finally, you can find a glossary of relevant concepts as well as the assembly plans attached.



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## **2. Product description**

### **2.1 Packaging and parts (see Attachement)**

All available accessories are listed in the technical description of the product that is published on the website <https://www.dromeas.com>

A wide range of accessories in various materials, surfaces and colors is available for our products. For detailed information about available system components and additional orders and subsequent deliveries, please contact Customer Support <https://www.dromeas.com> or visit the online store <https://eshop.dromeas.gr>

### **2.2 Used materials**

#### **2.2.1 Packaging**

The working desk is packed in a polystyrene carton. For desktop protection, edge and corner protectors made of PE are used.

#### **2.2.2 Working desk**

- Steel sheet ST 37 DCP (cold rolled).
- Chipboard P2 of category E1 and ABS 2 mm perimeter edge banding. Certified according to ISO EN-14322.
- ABS margin tape and other plastic PP parts.

## **2.3 Technical data**

### **2.3.1 Working desk**

**Alma HT/HC**

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Dimensions: DROMEAS catalogue

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Weight: (see label)

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### 2.3.2 Electrical parts

#### Control and movement

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Maximum ambient temperature for storage and transport: -10 ° C to 50 ° C

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Maximum operating temperature: 5 ° C to 40 ° C

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Maximum storage, transport and operation humidity: 700 to 1060 hPa

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Rated frequency: 50 Hz

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Rated voltage: 230 V AC ~ ± 10%

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Carrying capacity: up to 105 kg

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Maximum operating cycle: 2 min ON / 18 min OFF

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Protection category (with grounding): I

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Maximum power consumption during lifting:  
-2 telescopic columns per working desk: 200 W

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Power consumption in standby mode: = 0,1 W

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Noise emissions < 55 dB

## 2.4 Optimal desk height

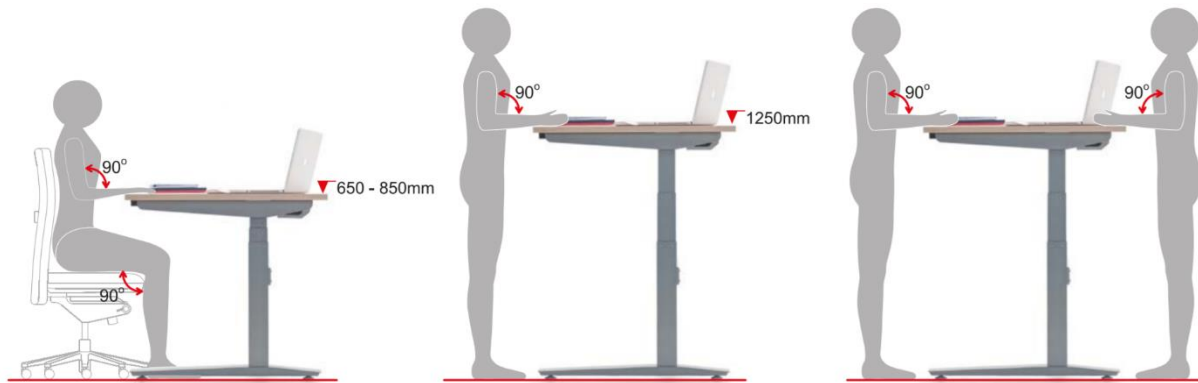
Adjusting the optimum desk height is critical for the right work position. Even with the use of an ergonomic office chair, it is necessary to get up for a while. The human body benefits more from the frequent position change. Static loads in the spine are minimized and blood circulation is improved. With an ergonomic working desk for everyday use, we feel more energetic and creative.

*"Movement is part of our nature, only death leads to total rest"*  
*- Blaise Pascal (famous mathematician, physicist and philosopher)*

To adjust the optimum desk height when you are sitting, follow these steps:

1. Sit on the office chair
2. The thigh with the tibia must be at least 90 degrees and the seat should be approximately the same as your knees. If not, adjust your office chair higher or lower. Your back should always rest on the back of the chair
3. Let your hands loose. Fold the forearms in the office chair or desktop. The keyboard is located exactly horizontally on your forearms. Otherwise, the height of the office should be adjusted accordingly upwards or downwards

Our pictures and drawings will help you properly set up your computer's office both in the sitting position and in the upright position:



## 2.5 Environmental aspects of the product

DROMEAS, with a sense of responsibility towards the environment and the next generation, adopts systems / tools (LCA) for the development of its products. The study of such analyzes by the designers of the company and their cooperation with the construction department contributes to the continuous development and improvement of the products it produces in order to fully meet the category of green and environmentally friendly products according to the European regulations:

- Minimal design to minimize the use of raw materials, while maintaining the required stability and safety in accordance with relevant European and international standards.
- Use of raw materials, especially wood, from controlled sources. This ensures that they come from sustainable environmental management according to PEFC and FSC standards.
- Exclusive use of materials that are compatible with the latest safety and health requirements for the end user. Specifically, in this office you use an E1 class surface desk and an antibacterial powder to cover its metal parts.

## 3. Instructions for use

### 3.1 Safety regulations

The electrically adjustable Alma HT/HC working desk is designed exclusively for office use. Any other or further use is considered inappropriate use. In the event of inappropriate use, Dromeas assumes no responsibility for any damages that may occur and no warranty for the faultless and functional operation of the parts. The intended use also includes compliance with all the instructions in this manual.





**DANGER: Contact with electrical voltage can cause serious injury or death!**

- Unplug or insert plug connections only when there is no voltage
- Do not attempt to open the enclosures of the following items: controller, lifting units, control lever
- Metal parts of the work desk may have a high voltage and cause damage to cables and connections
- Do not ground electrical equipment on the desk frame



**WARNING: Risk of crushing!**

- Ensure that there is enough lateral clearance (at least 2.5 cm) in all surrounding objects, walls, etc. throughout the lifting stroke range



**WARNING: Risk of injury and damage!**

- When transporting or moving the office, keep it carefully only from the frame



**WARNING: Risk of injury and damage!**

- When loading the CPU computer base with a weight greater than the approved weight (15 kg), the fastening screws may break.

### 3.2 Unpackaging and disposal of packaging material

It is suggested that you keep children at a safe distance when unpacking. As described in section 2.2.1, the packaging of the product consists of light, reusable materials. The user is required to perform a separation of the packaging materials. It should be noted that the company works with certified recyclers.

### 3.3 Assembly and installation

Dromeas recommends that the installation be made by a specialist representative or an assembly company. For correct assembly, please refer to the assembly drawing (see attachment). It is necessary to check the electrical equipment of the working desk. The installation should be carried out by 2 technicians in an area of at least 3 m x 3 m. To avoid damage to the office or floor, place a suitable soft surface (eg blankets) in the working area.

Only disconnect or install the electrical connections when there is no electrical voltage.



**DANGER: Contact with electrical voltage can cause serious injury and death!**

→ The supply connections can only be made by qualified and authorized personnel

### 3.4 Height adjustment / Compensation of ground anomalies

To compensate for ground anomalies, rotate the regulators up to 2.0 cm respectively.

Note: If the workplace must be moved or changed, at least two people must be occupied. Dragging is not recommended as this may cause damage to sensitive floors.

### 3.5 Handset

#### 3.5.1 Bluetooth Smart Control (optional equipment)



The “smart” handset Bluetooth® Smart Control lets you make the most of your desk! It features Bluetooth® wireless technology that lets you connect the desk with your device, a display, 4 memory slots, and an LED color stripe that is used position switch reminders.

*Log in to Desk Control™ application.*

Use your smartphone to set up your desk, receive reminders, store favorite height positions, and use more features with Desk Control. The feature is available for Android and iOS devices.

Establishing a connection:

Press the Bluetooth® button in the center for 2 seconds to activate the device mapping feature. A blinking blue light is displayed. The control panel screen will show you your Bluetooth® ID of your office ("DESK" followed by a four-digit number). Look for this ID number in the "nearby desks" list in Desk Control.

Movement function

You can change your position without having to look at the controller or distancing yourself. To move the surface up or down, lift the panel upwards or press down and hold it until you reach the desired height.

Reminder function

Your control unit has an integrated LED strip and reminds you during your work day to change stance:



- Green light: The green indicator indicates that you do not have to move.
- Orange lighting: When the green light changes to flashing or fixed amber light, it's time to move!

Set goals

You can decide how often you want the desk to remind you to change positions. You can either accept predefined reminders or enter your own time intervals.

#### Set the reminder time

To adjust the length of time that tells you how often you are reminded of a position change, press the "Bell" key on the left side of the joystick. Each white block of the light strip represents 3 preset intervals:

- Status 1 (white block): Reminder after 55 minutes
- Status 2 (two white blocks): Reminder after 50 minutes
- Status 3 (three white blocks): reminder after 45 minutes

The default setting reminds you to change your position after 55 minutes. To select the interval, press the "Bell" key. If white blocks do not flash, the reminder function is off.

To enter custom values for a while, download the Desk Control™ application to your smartphone and connect it wirelessly to your desk.

#### Height adjustment storage function

Set the office to the desired position, press and hold the "Star" key for 2 seconds. The light bar blinks twice in white to indicate storage mode. If the light strip is steadily white, your location has been saved. The display shows your saved position with an asterisk and position number.

Repeat this process to save more positions:

Scroll by pressing the "Star" button on the four available memory slots on the screen and select one to save the current position.

#### Deletion mode for memory slots

If you want to delete all saved memory slots, press and hold the "Star" key for 8 seconds. The light bar blinks red to indicate that the process is complete.

#### Accessing memory slots

Once you have saved the memory locations, you can simply access them by lifting the control upwards or by pressing and holding it down. When the stored position is reached,

the desk stops.

Automatic operation: Automatic memory positioning enabled: Lift up or press down the control key twice to automatically switch between stored height positions. To stop the movement of the surface, simply push or lift it again.

### 3.5.2 Memory controller (**optional equipment**)



Pressing the "up" and "down" arrows will move the surface up or down. Once you reach the desired height, release the key.

The controller has three height storage positions.

To store the desired height in memory, proceed as following:

1. Move the desktop to the desired height with the "up" or "down" arrow keys.
2. Now press the "S" key.
3. Then press one of the three memory buttons on which you want the location to be stored. The desired location has been saved!

The desktop will reach the stored height at any time by simply holding down the default memory key



**WARNING:** Risk of damage to the controller!

→ Do not lean on the controller.

→ Do not drop liquids on the controller.

### 3.5.3 Reset procedure

When replacing the control unit or when the desktop only goes down when the arrow keys are being pressed, the Reset procedure must be started:

1. Press and hold the "down" arrow on the joystick until the desk reaches the lower height
2. Then release the key
3. Press and hold the down arrow key (long) until the surface is moving
4. Release the "down" key. The desk is ready for use!

### 3.6 Collision tracking

The Alma HT/HC desk is equipped with a modern collision detection system. Thanks to the advanced protection system, even the smallest office disturbance is recorded when up and down. As a result, the movement of the surface is interrupted immediately after a hurdle strikes and you drive immediately in the opposite direction. This ensures reliable collision detection and maximum safety when moving the desktop.



**WARNING: Risk of injury and damage!**

- Although the collision tracking system reliably detects even very small unusual movements of the desk surface, it cannot be 100% guaranteed to avoid injuries to office users or nearby people. As a result, no liability for body injury or other damages is assumed! Users are responsible for avoiding injury and other damage during office operations.

### 3.7 Care and maintenance

When using the working desk for the first time, you may notice oil traces in lifting units. Please wipe with a dry or slightly damp cloth. Commercial detergents available to clean the office surfaces can be used. Only use care and cleaning products that are suitable for the respective materials (wood, plastic, metal). The use of chemical or biological cleansers is not required. The electric height adjustment mechanism of the desk does not require

maintenance. Other maintenance work must only be carried out by authorized specialist personnel.

A five year warranty is given for good operation.



**CAUTION: Moisture may damage the control unit and the control unit!**

→ Keep the controller and control unit away from moisture and water

### **3.8 Disassembly**

Disassembly must be carried out by qualified personnel. For reassembly, refer to section "3.3 Assembly and Installation".

### **3.9 Storage and transportation**

A pallet truck is required to carry the desk. If unpacking is to be done on the floor, protective material or carpet should be placed on the floor to avoid possible damage to the surface of the office.

If storage is temporary, consider the maximum ambient temperature or humidity for storage and transportation (see section 2.3.2).



**WARNING: Risk of injury and damage!**

→

When lifting the desk surface or attachments, the fastening screws may crack.  
When transporting or moving the work desk, hold it only from the frame.

### **3.10 Disposal, reuse, recycling**

The product is designed to minimize the impact on the environment during its life cycle. All its parts, which are made of plastic, metal and wood, are recyclable. On the other hand, replacing parts of the product is easy if there is wear, so the product is not totally rejected. If the product is ultimately disassembled and disposed of, please:

1. Disconnect the working desk from the power connections
2. Disassemble the working desk in individual parts
3. Separate the resulting parts according to:
  - a. Reusable parts
  - b. Group of materials to be discarded (wood, metal, plastic, electrical parts)

Observe the relevant national regulations.

#### **4. Glossary**

Desk surface: the area in which the user works on the working desk

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CPU holder: the base on which the computer unit is supported

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Category E1: A system of guidelines describing the chipboard emission class

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Regulators: the plastic parts of the office frame that come into contact with the floor

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Lifting process: is the process by which the office surface moves from the lowest to the highest position or vice versa

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Lifting field: the space within which the office surface moves

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PEFC, FSC: Wood processing certificate from controlled and sustainable forest reforestation

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Lifting units: the vertical lifting columns that support the surface

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Control unit: a device located beneath the desk surface to power and synchronize the lifting units

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Traverse: The metal accessory that connects the two lifting units to each other