

# MOBILITY



- Code: FTM 0212 079
- Description: Tables in two structures with legs or with loop frame

# Mobility by ACTIU

MOBILITY is a program that sets new standards in the world of installation. The program consists of a combination of different solutions in height adjustment for single and double tables, offering a wide range of tops that allow you to compose any desired workspace , to suit the needs of each user.







## technological adaptability

The height adjustment on MOBILITY has been carried out on three different models, in this way bestowing on it greater operativity. Desks with fixed height or with height adjustment to working in a seated position and desks with complete height adjustment and a fully locking electronic system to work in a sitting and standing position; both in single and double tables.

**MOBILITY** is a program that sets new standards in the world of installation. the program consists of a combination of different solutions to regulate the height of single and double desks, offering a wide range of surfaces that let you compose the desired workspace, to suit the needs of each user.

### ■ DESCRIPTION AND MODELS

**Mobility** has a wide range, which is distributed over the following models :

- **Single desks:** With lateral legs in the shape of an 'inverted T'

- **Double desks:** With lateral legs in the shape of 'H'

Furthermore, these desks differ themselves in the regulatory system which have:

- **Fixed desks:** Desks of 73 cm height, with levelers, for continued work in the static seated position.

- **Selectable full height desks: (Tipo B según EN 527-1:2011)**

Desks for seated work, with an adjustment between 65 and 85 cm, with 11 different positions with jumps of 20 mm. The system, is mechanically fixed (adjusted using screws)

- **Desks with complete adjustable height: (Tipo A según EN 527-1:2011)**

Desks for dynamic work, seated or standing, with an adjustment of 65 to 129 cm.

The system, with electronic movement, using an electronic control with push buttons that activate motors located in the legs, allow a continuous seamless elevation.

2 models of push buttons:

- Models with a **simple control of 2 buttons 'Up - Down'**: an electronic system that goes up and down in a simple continuous way.

- Models with a **programmable digital control**: electronic system with a digital display indicator to program up to 4 desired heights.

**Mobility legs**, are metal coated using a layer of electrostatic paint, epoxy powder bonding 2nd generation polymerized to 200°C with degreasing treatments and an application of nanoceramics which improve penetration, enabling maximum adhesion of this and therefore a better resistance and useful life. (Thickness of 80 microns and above). The interior of the legs possess guide **elements made of polyamide, providing smooth and progressive movements.**

Mobility has a **fast and simple table top anchorage system**

Each desk consists of: Upper rails, legs, electronic motor system ( if it is electronically adjustable ) and upper table top.

Single desks ( fixed, mechanically adjusted and electronically adjusted), double desks mechanically adjusted, offer feet without hands, so that you can install the legs to the left or the right.

All the electronic components are fixed directly to the structure, creating one unique piece.



Single desks with feet in an inverted 'T'



Double desks with feet in the shape of a 'H'



Model with a digital programmable module



Model of double desk with mechanical-manual adjustment



**PRECAUTION: MAXIMUM LOAD TO ELECTRIC ELEVATION DESKS IS 60 KG, PAYING PARTICULAR ATTENTION TO THE WEIGHT DISTRIBUTED ON THE SURFACE.**





## ■ STRUCTURE OF THE LEGS

① **Brackets:** Desk top support arms, injected with aluminum and finished aluminized, white or black.

② **Beams:**

- Models of desks with manual-mechanical adjustment and fixed desks: Steel tube section 60 x 50 and 2 mm thick, painted with a covering of epoxy powder finished aluminized, black or white.
- Models of electronic adjustment: 2 Steel tube section 50 x 20 and 2 mm thick, 120 mm away from the electric motor. Coated in epoxy powder finished aluminized, black or white.

③ **Joint:** joint system and anchorage from the columns to the beam, integrated in the support brackets.

④ **Columns:**

*SINGLE Desks*

- **Fixed:** Feet made of extruded aluminum section 110 x 80 mm, 2.5 mm thickness and finished aluminized, black or white.
- **Mechanical Adjustment:** Telescopic feet made of extruded aluminum comprising of 2 aluminum sections of 2.5 mm thickness and 110 x 80 mm sections (exterior column) and 100 x 72 mm (interior column), finished aluminized, black or white.
- **Electronic Adjustment :** Telescopic feet made of steel tube 1.5 mm thickness comprising of 3 sections: 70 x 70 mm, 65 x 65 mm and 60 x 60 mm, finished aluminized, black or white, plus an exterior cover on the lower part, in extruded aluminum 2,5 mm thickness and section 110 x 80 mm, finished aluminized, black or white.

*Double Desks*

- **Fixed:** Feet made from extruded aluminum section 80 x 80 mm, 2.5 mm thickness and finished aluminized or in white.
- **Mechanical Adjustment:** Telescopic feet made of extruded aluminum comprising of 2 aluminum sections of 2.5 mm thickness and 80 x 80 mm sections (exterior column) and 70 x 70 mm (interior column), finished aluminized or in white.
- **Electronic Adjustment :** Telescopic feet made of steel tube 1.5 mm thickness comprising of 3 sections: 70 x 70 mm, 65 x 65 mm and 60 x 60 mm, finished aluminized, or in black or white, plus an exterior cover on the lower part, in extruded aluminum 2,5 mm thickness and section 110 x 80 mm, finished aluminized or in white.

⑤ **Embellished frame:** ABS finished in black, clipped to the exterior column.

⑥ **Support:**

- SINGLE desks:* Feet injected with aluminum with rounded edges, finished aluminized, white or polished, with levelers with injected polypropylene in black and non slip soles.
- DOUBLE desks:* Supports using levelers injected with polypropylene in black with non slip soles.

⑦ **Table tops:** Desks surfaces in different finishes.

⑧ **Dividers and Accessories:**

- Vertical dividers with the possibility of custom designs, in the following finishes: melamine, glass, upholstered or SPLIT.
- CPU's and accessories such as dividers, skirting,....which can be installed directly to the structure.

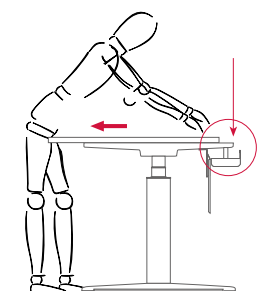
⑨ **Electrification:** Horizontal electrification channels made of steel plate 1 mm thickness. Coated in epoxy finished aluminized or in black and white:

- Easy access from electrification channel using a sliding table top.
- Possibility of incorporating aluminum cable outputs 'Y' and 'W' on the table top, as an optional accessory

## ■ SLIDING TOPS AND ACCESS TO ELECTRIFICATION CHANNEL

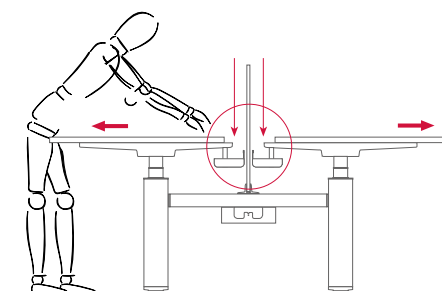
### Sliding of table tops. Complete access to electrification channel - **ONLY STRAIGHT DESKS**

Mobility enables sliding of table tops on double and single desks towards the user to allow easy access to the electrification channel. It incorporates a low large channel with steel plate covers to house the electronic system.



Single Straight desks

*\* NO sliding glass finish*

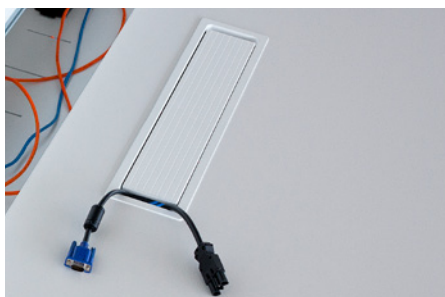


Double Straight desks

## ■ ACCESSORIES



Access to wiring using a movable table top



Access to wiring using electrification "Y" or "W"



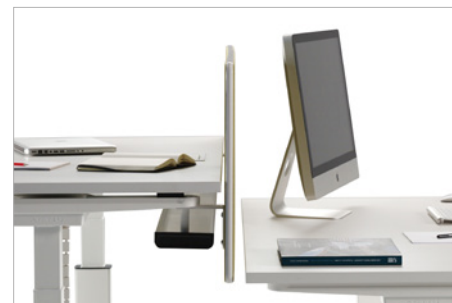
Steel sheet skirting



Phenolic divider



Upholstered divider  
(Foam 40 mm)



Upholstered divider  
(Foam 20 mm)



## ■ DESK SURFACES

**Table tops:** Desks surfaces in different finishes, with veneered soft edges for greater safety and durability. Desk finishes in melamine, laminate, phenolic and glass, complying with the standards of resistance to abrasion and scratch resistance.

### Melamine

Coated melamine of 90 and 120 grs/m<sup>2</sup>, on a table top of elaborated particles, PEFC certified 16.19 and 25 mm thick. ABS edges 2mm thick, applied with hot glue and rounded at R = 2 mm. With high durability and 100 % recyclable.



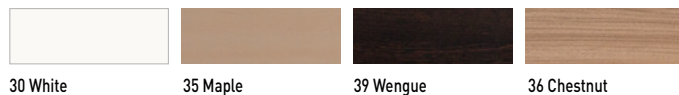
### Laminate (HPL)

High Pressure coated laminate on 25 mm thickness chipboard. PVC edges 2 mm thick, applied with hot glue and rounded at R = 2 mm. It is highly resistant to abrasion, scratches, knocks and cleans easily.



### Phenolic

Compact table top 13 mm thick made using high pressure laminate with phenolic resins. Black core and white exterior coating to the double face (grey shading), wenge, erable and chestnut. The high pressure decorative laminates (HPL), are subjected to a combined action of high pressure 90 kg/cm<sup>2</sup> and a temperature of 150° C , in special presses, in which takes polycondensation from resins



### Glass

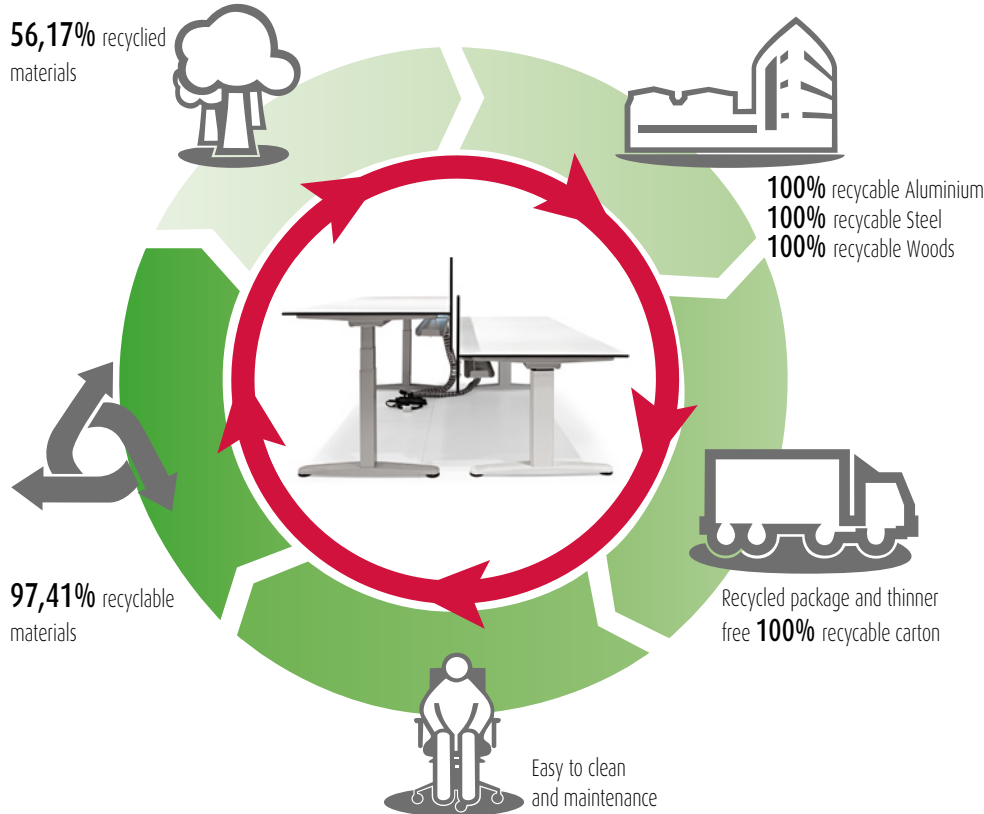
#### Laminated Security Glass

Laminated Security Glass with translucent polyvinyl butrayl with 5+5 and 6+6 thickness on the table top. The laminated glass is the result of a joining two or more plates of glass sandwiched between them one or more PVB sheets (polyvinyl butrayl). This material combines the specific properties of glass as well transparency and durability, with PVB, qualities such as adherence to glass, elasticity and resistance to knocks, acoustics and UV rays, as well as offering a range of colours.

#### Tempered glass

Extra clear tempered glass is characterized by its low content of iron oxide that allows a colourless transmission of light. With a width of 10 mm it possesses maximum resistance to surface scratches and toughness against knocks. Material 100 % recyclable.





## MATERIALS

**MOBILITY** has been designed to be manufactured with recycled materials 56,17%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium, Steel and Woods 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



## PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.



## TRANSPORT

Optimum packaging to reduce space in transport and save energy.



## USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.



## DISPOSAL

97,41% recyclable. Easy and quick to split **MOBILITY** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

## CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of responsible forestry



PEFC Certificate



EN ISO 14006:2011  
ECODESIGN Certificate



UNE-EN ISO 9001:2008  
ISO 9001 Certificate



UNE-EN ISO 14001:2004  
ISO 14001 Certificate



E1 by EN 13986 Certificate



**ACTIU TECHNOLOGICAL PARK**  
project certified as **LEED® GOLD**  
by U.S. Green Building Council 2011  
Leadership in Energy & Environmental Design

#### ■ **ERGONOMICS**

**MOBILITY** available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment.

#### ■ **STANDARDS**

**MOBILITY** has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture. The tests correspond to UNE standards and office desks:

- **UNE: EN 527-1:2003.** Office Furniture. Desks. Part 1: Dimensions.
- **UNE: EN 527-2:2003.** Office Furniture. Desks. Part 2: Mechanical security requirements.
- **UNE: EN 527-3:2003.** Office Furniture. Desks. Part 3: Test to determine stability and structure resistance.

#### ■ **ECOLOGY**

##### **ENERGY SAVING**

The new technological production system included, reduce the energy resources used to manufacture each component. Materials are very well used to avoid wastes.

##### **RECYCLED AND RECYCABLE MATERIALS**

ACTIU environmental policy opts to use recycled materials in those components where functionality and lasting is not a condition. Materials used in **MOBILITY** such as aluminium, steel or wood are totally recyclable.

##### **SUSTAINABLE CERTIFICATE**

ACTIU has **PEFC and FSC** certificate to proof that the wood used in our products comes from sustainable exploitations and **ECODESIGN ISO 14006** certificate.

### ■ REMARKABLE VALUES

**1** – Legs covered with epoxy coating, bonding 2nd generation polymerized 200°C. Non-greasy treatments and nano-ceramics application to improve the coating so it becomes more resistance and long-lasting.

**2** – Coating 80-90 micron thickness.

This covering guarantees the finish and maintenance of metal structures.

**3** – Painting process:

Actiu painting plant has minimum environmental impact against the traditional industry processes.

Treatment is done by polarized coating and compacted with temperature. We get homogeneous and regular application with 98% of painting and the remaining 2% is used to produce other paints. Paints used are COVs free(Volatile Organic Components) which are very dangerous for the environment. All water used in the process is re-used, so we get zero dump. The process is free in heavy metal, phosphate, organic components and DQD(Biochemical demand of Oxygen). The program gives us an exact control of thickness, so it provides us with standard thickness (80-90 micron).

Antibacterial finish

**4** – ACTIU has **PEFC and FSC** certificate to proof that the wood used in our products comes from sustainable exploitations and **ECODESIGN ISO 14006** certificate.

**5** – Optional accessories fixed to the beams, modesty panels, screens, CPU holders or fixed pedestals.