

# COOL E100



■ **Code:** FTM 1007 004

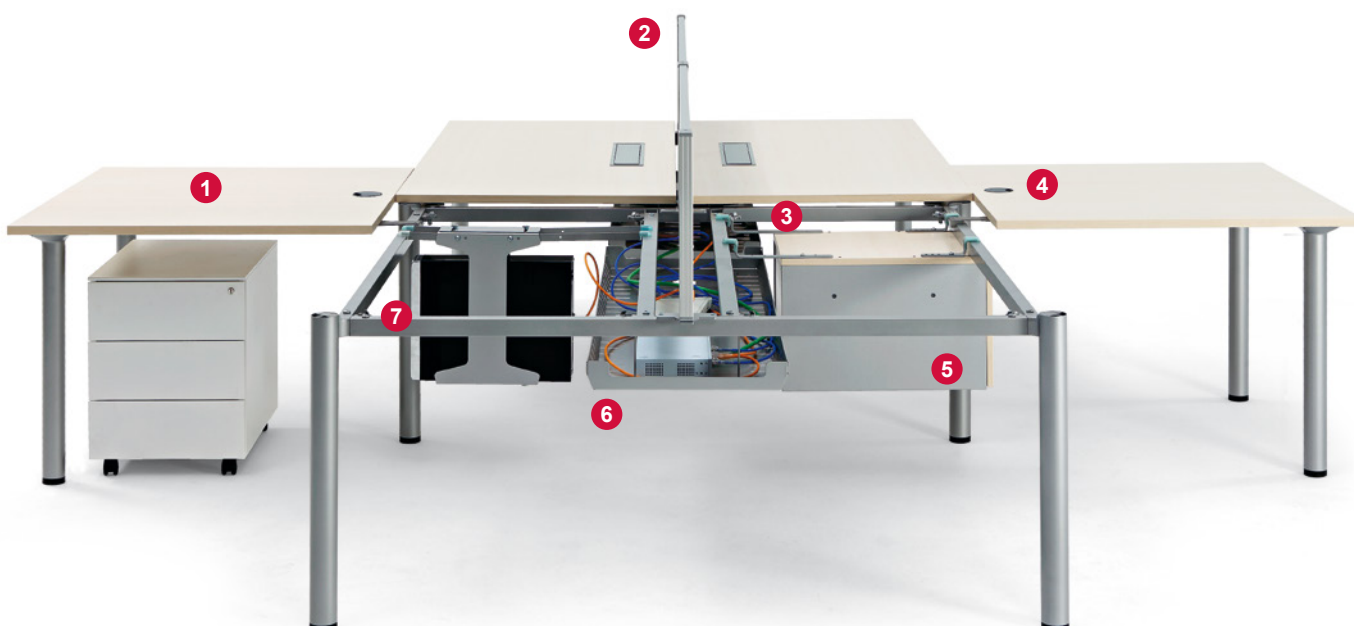
■ **Description:** Frame desks with circular legs

### Single desks



- ① Returns and links
- ② Work tops available in different finishes and colours
- ③ Optional accessories fixed to the desk frame
- ④ Electrification channel for twin and individual desks
- ⑤ Quick and easy assembling system
- ① Work tops available in different finishes and colours
- ② Split screens or desk-mounted screens
- ③ Quick and easy access to the cable channel
- ④ Returns and links
- ⑤ Optional accessories fixed to the desk frame
- ⑥ Electrification channel for twin and individual desks
- ⑦ Quick and easy assembling system

### Bench system desks with recessed legs



■ **FRAME**

1,5 mm thick laminated steel, 60 mm diameter legs, 40 x 30 mm frame epoxy finish. Moulded aluminium linking devices with epoxy finish. Frame is available in different finishes: silver (legs and beams), white (legs and beams) or chromed legs and silver beams.



White



Silver

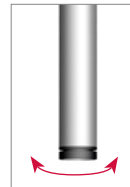


Chromed / Silver

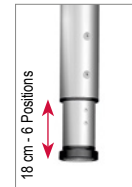
■ **SUPPORTS**

Legs are available with 3 different supports:

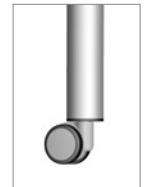
Anti-skid moulded aluminium leveller, height adjustable telescopic system, 6 different positions and 1 anti-skid pad and 65 mm diameter castors with soft band (2 lockable castors).



Levellers  
Total height: 74 cm



Height adjustable  
Height: 65,5-83,5 cm



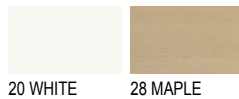
Castors  
Total height: 74 cm

■ **FINISHES** (See finishes cards)

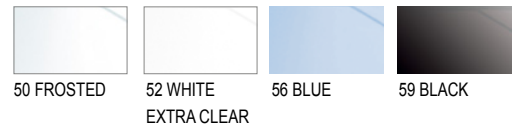
**Melamine (25 mm)**



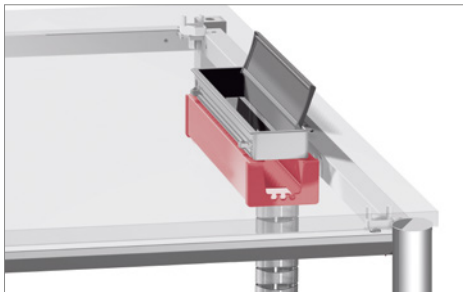
**High Pressure Laminate (25 mm)**



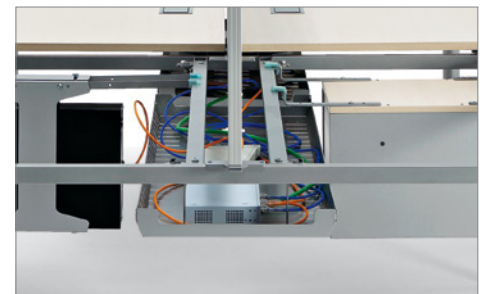
**Glass (5+5 mm laminate/10 mm tempered)**



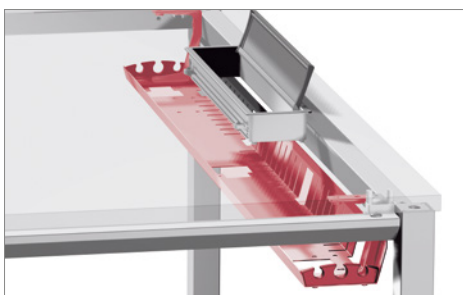
■ **ELECTRIFICATION**



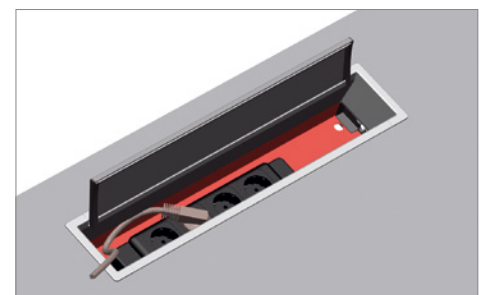
The cable top access and steel box 1 mm thickness are a complement for the metal cable tray optimizing the desk space, ideal for hot desking areas with different users on the same desk. It can be used either in individual or twin desks



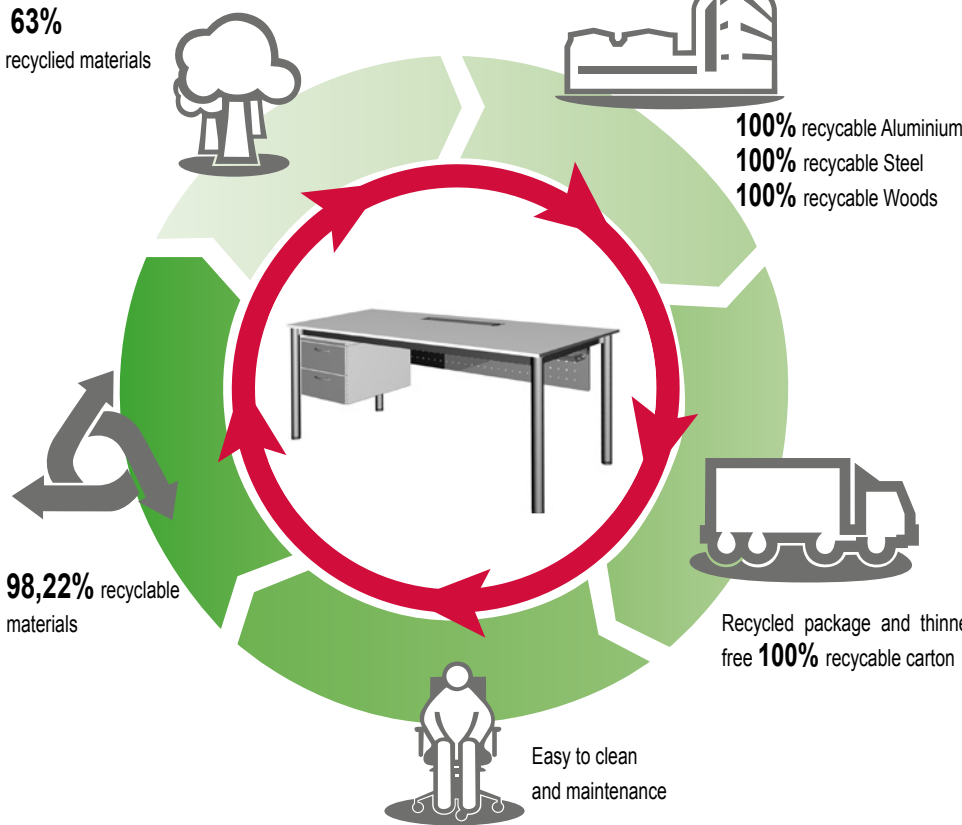
Large capacity steel (1 mm thickness) cable tray, a complement to optimize space when sharing cable management on twin desks systems



The individual steel (1 mm thickness) cable tray is a complement for the cable top access optimizing the desk space. Ideal for hot desking areas with different users on the same desk. It can be used either in individual or twin desks



Aluminium flip-up cable access offering easy access to the power units and cable management



 **MATERIALS**

**COOL E100** has been designed to be manufactured with recycled materials 63%, 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**

98,22% recyclable. Easy and quick to split **COOL E100** 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).

|  |   |   |   |  |   |  |
|--|---|---|---|--|---|--|
| <br>The mark of responsible forestry | <br>PEFC Certificate | <br>ECODSIGN Certificate | <br>ISO 9001 Certificate | <br>ISO 14001 Certificate | <br>E1 by EN 13986 Certificate | <br>ACTIU TECHNOLOGICAL PARK project certified as LEED® GOLD by U.S. Green Building Council 2011<br>Leadership in Energy & Environmental Design |
|--|---|---|---|--|---|--|

### ■ ERGONOMICS

**COOL E100** available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment.

### ■ STANDARDS

**COOL E100** 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 **COOL E100** 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 - Electrostatic coat, epoxy bonding 2nd generation. Polymerized 200°C with nano-ceramics and non-grease treatments to improve better covering and provide then better resistance and lasting.

2 - Coating 80-90 micron thickness (it could be different as per the project requirements)

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.