

VITAL PLUS - SPINE



■ Code: FTM 0313 080

■ Description: The frame is made of 19mm melamine finished in white

Spine

by ACTIU

Vital Plus-Spine 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.



Spine models - technical description



■ GENERAL CHARACTERISTICS OF SPINE MODELS

- ❶ **Frame:** The frame is made of 19 mm melamine finished in white. Two models are available:
 - **Individual module:** 180 x 44 x 61 cm - Compartment using one side.
 - **Double module:** 180 x 80 x 61 cm - Compartment using 2 sides.
- ❷ **Shelves:** Interior shelves 19 mm melamine finished in white.
- ❸ **Top cover:** Top cover in 25 mm melamine, veneered soft edges for added safety and durability, finished in white or chestnut, meeting the standards of abrasion and scratch resistance.
- ❹ **Front:** Spine has two models of reversible fronts, combining between them:
 - **Sliding melamine** 16 mm door finished in white or chestnut, with handle and lock.
 - **Filing drawer** with metal tray and melamine 16 mm front, finished in white or chestnut, with handle and lock.
- ❺ **Space Electrification:** Hollow interior for continuous electrification with access to it from the top using folding doors. Coated in white epoxy. Always possible in both models. Guide rail for dividers on the double model.
- ❻ **Feet:** Steel tube section 35 x 35 mm and width 1,5 mm with leveler and non slip. It has a recessed central leg which confers increased stability.

■ TABLE SURFACES

Melamine Coated melamine of 90 and 120 grs/m², 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**.

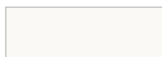


00 White



07 Chestnut

Laminate High Pressure coated laminate on 25 mm thickness chipboard. **ABS** edges 2 mm thick, applied with hot glue and rounded at R = 2 mm. It is highly resistant to abrasion, scratch and impact and cleans easily.

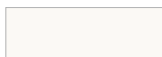


20 White

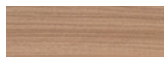


27 Chestnut

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, black and weave. The high pressure decorative laminates (HPL), are subjected to a combined action of high pressure 90 kg/cm² and a temperature of 150 C, in special presses, in which takes polycondensation from resins.



30 White



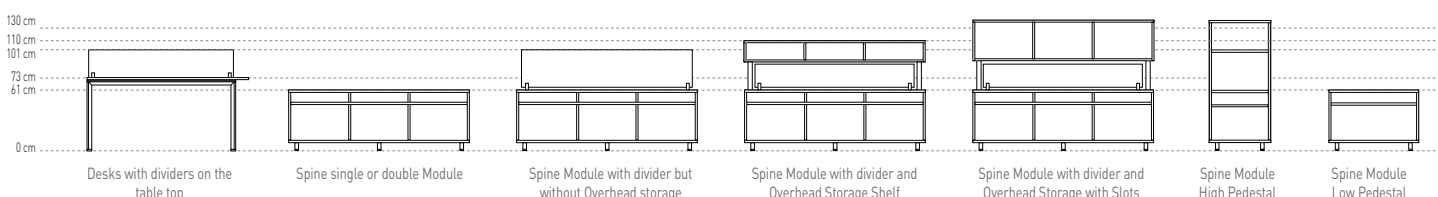
36 Chestnut

Spine models - technical description



■ SPINE MODULE ACCESSORIES:

The range of Vital Plus Spine allows a horizontal configuration that maintains a line of heights, offering a uniform vision of the workplace. The combination of desks, desks with dividers, Spine modules with or without dividers and overhead storage, along with auxiliary modules, which allow us to create versatile and homogeneous work areas.



⑦ **Dividers** Series D50 with an anchor to a beam from the electrification channel in melamine, glass and upholstery finishes and SPLIT.

⑧ **Overhead storage:** Fixed on double spine modules. Made with melamine frame 19 mm finished in white, with top cover in 19 mm melamine finished in white or chestnut. The models for the double module has two steel columns 40 x 30 mm and width 3 mm finished in white. (The overhead storage is attached to the ends of the central beam of the electrification channel) Models of overhead storage:

- For double Spine module:

- Overhead storage- Shelf 3+3 compartments - Using 2 sides.
- Overhead Storage 1+1 - Compartments using 2 sides.
- Overhead Storage 3+3 - Compartments using 2 sides.
- Overhead Storage 3+3 with 2 sliding doors - Compartments using 2 sides.

- For Individual Spine module: (Fixed to the wall)

- Overhead Storage - 3 Slots - Compartments using 1 side.
- Overhead Storage - 3 Slots with 2 sliding doors - Compartments using 1 side.

⑨ **Auxiliary Pedestals:** Spine has 2 independent auxiliary pedestals that complement the program:

- High pedestals 61,5 x 44 x 130 cm - compartments using 1 side.
- Low pedestals 90 x 44 x 61 cm - compartments using 2 sides.

Frame: Frame made of 19 mm melamine finished in white. Shelves: Shelves: Interior shelves 19 mm melamine finished in white.

Top cover: Top cover in 19 or 25 mm melamine, veneered soft edges for added safety and durability, finished in white or chestnut, meeting the standards of abrasion and scratch resistance.

Front: Spine has two models of reversible fronts, combining between them:

- Melamine 16 mm door finished in white or chestnut, with handle and lock.
- Filing drawer with metal tray and melamine 16 mm front, finished in white or chestnut, with handle and lock.

Optional Assessories: The module allows incorporation of double junction covers between modules, as well as electrification channels which allows continuity between two Spine modules.

■ GENERAL CHARACTERISTICS OF VITAL PLUS DESKS WITH SUPPORT ON SPINE MODULES (ONLY LEVELERS)

Structure: VITAL PLUS has an aesthetic profile with an angular edge 50 mm, made of steel sheet decapado 1,8 mm thick, in an aluminized finish and white with epoxy with levelers and height regulation. **There are two types of structures: with legs or closed frame.**

Legs: We have **Polypropylene levelers** 12,5 mm height injected with non slip sole 36 mm. **Total height 73 cm.**



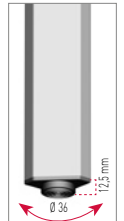
Leg Frame



Loop Frame



Manufactured with warm laminated steel 1,8 mm thickness. Finish white epoxy finish.



Levelers
Total height: 73 cm



Vital Plus Desks with support for Spine module.

10 Structure: The structure has 2 beams with support anchored to the Spine module, which enables accurate and agile fixing of the work surface while putting up or together and facilitates the movement of the table top.

Feet: Levelers with non slip soles.

Table tops: The work surfaces are offered in 25 mm melamine, 25 mm laminate and 13 mm phenolic in different finishes.

Table top movement

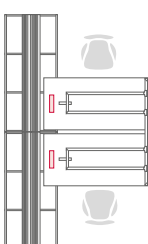
The sliding system of the table top, incorporates a stop bottom. The displacement of the board is carried out longitudinally, enabling access to the wiring in the electrification tray from the Spine module.



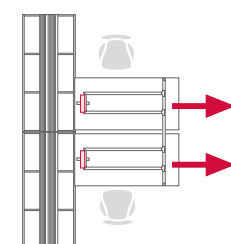
Trigger locking



Longitudinal displacement



Desks with table top without displacement



Desks with moving table tops

■ **GENERAL CHARACTERISTICS OF VITAL PLUS DESKS WITH INDIVIDUAL SUPPORT FOR SPINE MODULES (LEVELER AND HEIGHT ADJUSTMENT)**

Structure: VITAL PLUS has an aesthetic profile with an angular edge 50 mm, made of steel sheet decapado 1,8 mm thick, in an aluminized finish and white with epoxy with levelers and height regulation. **There are two types of structures: with legs or closed frame.**

Legs: We have two types:

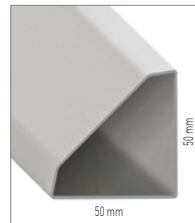
- **Polypropylene levelers** 12,5 mm height injected with non slip sole 36 mm. **Total height 73 cm**
- **Regulation system** for interior sliding profile with 6 positions fixed using an Allen type key. It has levelers with non slip sole. **Total height: 65,5 - 83,5 cm**



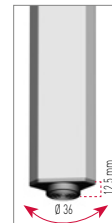
Leg Frame



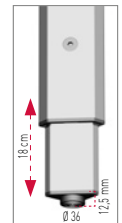
Loop Frame



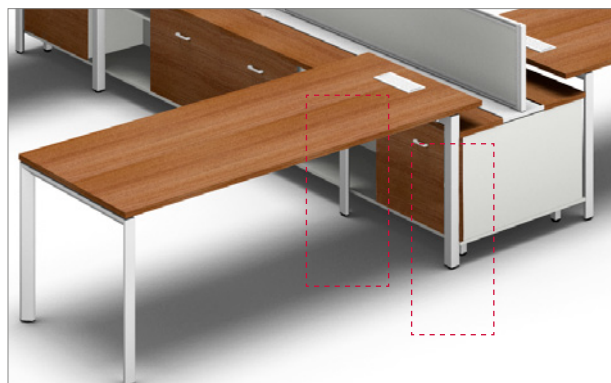
Manufactured with warm laminated steel 1,8 mm thickness.
Finish white epoxy finish.



Levelers
Total height: 73 cm



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



Vital Plus Desks with independent legs with ground support and blown steel sheet table top

- ⑩ **Structure:** The structure of desks with 4 independent legs anchored to the floor and the table top, it has a recessed central beam. It incorporates a safety system situated on the lower part of the table top which allows handling of wiring without risk of accidental crushing.

Feet : Levelers or Height adjustment system with non slip soles.

Table tops: The work surfaces are offered in 25 mm melamine, 25 mm laminate and 13 mm phenolic in different finishes.

Table top movement

The sliding system of the table top, incorporates a stop bottom, conveniently locked and enabling handling by only authorized personnel. The displacement of the board is carried out Transversal, allowing access to wiring in the tray from electrification of the desk in a simple way.



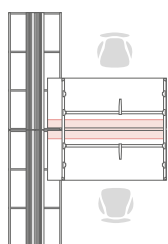
Security lock



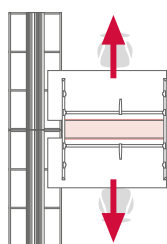
Trigger locking



Transverse displacement



Desks with table top without displacement



Desks with moving table tops

■ CABINET & PEDESTALS MODULES - TECHNICAL DESCRIPTION



■ Cabinet

- ① Cabinet made with 19 mm thick melamine sides and top, with veneered and soft edges for safety and durability, meeting the abrasion and scratch resistance standards. Base 25 mm thick with feet injected with polystyrene (PS) and leveling.

2 models:

Single Module: Module dimensions 122 x 50 x 61 cm, with an interior support pedestal, accessible from the workspace, and a cabinet with swing doors or exteriorr lockers.

Double Module: Module dimensions 244 x 50 x 61 cm, with interior support pedestal, accessible from both ends of the workspace and a cabinet with swing doors or lockers to the exteriorr.

■ Pedestals

- ② Front drawers and filing drawer made of 16 mm melamine.
2 drawers and filing drawer with total accessibility.
Sheet metal drawers with and pen pot dividers included
Filing drawer with tray and metal frame for hanging A4 folders, papers, letters and legal documents.
Metal bead tracks for total removal.
Cam lock using key to lock and unlock.
Locking system using metal side shutter bolt
Integrated handles, with a lateral recess on the front of the drawers

■ Cabinets with swing doors

- ③ Total surface availability free of obstacles
16 mm thick melamine back
25 mm thick melamine shelves
Shelf adjustment in different positions each 32 mm
Swing doors made of 16mm thick melamine
Automatic locking hingers and fast assembly, with three dimensional and auto locking adjustment
Silent hingers with amortized closing
Cam lock using key to lock and unlock
Open and close system using a push - pull system
Lock with locking point system

■ Cabinets with exteriorr lockers

- ④ Swing door cabinet with central divion made of 16 mm thick melamine and swing doors with independent locks (2 different locks per cabinet)
Swing doors made of 16 mm thick melamine
Cam lock using key to lock and unlock
Open and close system using a push - pull system
Lock with locking point system or optional encoded lock

■ GENERAL CHARACTERISTICS OF VITAL PLUS DESKS

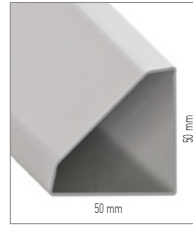
Structure: VITAL PLUS has an aesthetic profile with an angular edge 50 mm, made of steel sheet decapado 1,8 mm thick, in an aluminized finish and white with epoxy with levelers and height regulation. **There are two types of structures: with legs or closed frame. Legs: Polypropylene levelers 12,5 mm height injected with non slip sole 36 mm. Total height 73 cm.**



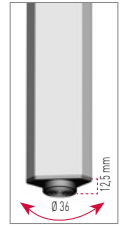
Leg Frame



Loop Frame



Manufactured with warm laminated steel 1,8 mm thickness. Finish white epoxy finish.


Levelers
Total height: 73 cm

- ⑤ **Structure:** The structure has 2 beams with support Widthred to the Spine module, which enables accurate and agile fixing of the work surface while putting up or together and facilitates the movement of the table top.

Feet: Levelers with non slip soles.

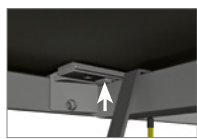
Table tops

The work surfaces are offered in 25 mm melamine, 25 mm laminate and 13 mm phenolic in different finishes.

Table top movement

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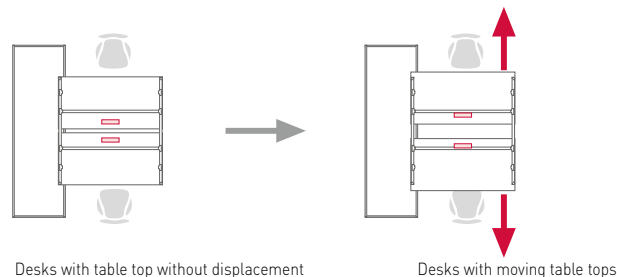
The displacement of the board is carried out longitudinally, enabling access to the wiring in the electrification tray from the Spine module.



Trigger locking



Longitudinal displacement



Desks with table top without displacement

Desks with moving table tops

■ TABLE SURFACES

Melamine Coated melamine of 90 and 120 grs/m², 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**.

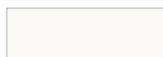


00 White



07 Chestnut

Laminate High Pressure coated laminate on 25 mm thickness chipboard. **ABS** edges 2 mm thick, applied with hot glue and rounded at R = 2 mm. It is highly resistant to abrasion, scratch and impact and cleans easily.

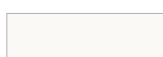


20 White



27 Chestnut

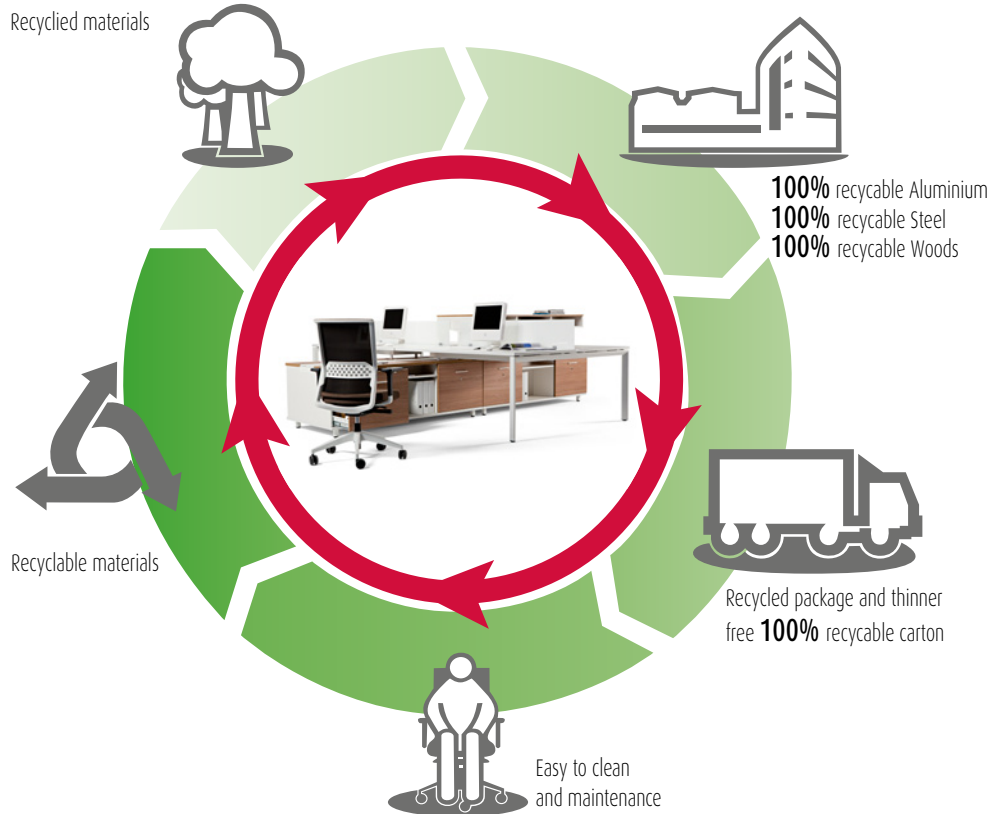
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30 White



36 Chestnut



MATERIALS

Vital Plus - Spine has been designed to be manufactured with recycled materials, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium and Steel 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

Recyclable. Easy and quick to split **Vital Plus - Spine** 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**

Vital Plus - Spine available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment.

■ **STANDARDS**

Vital Plus - Spine 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 **Vital Plus - Spine** 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.