

# LONGO

— By Ramos&Bassols —





**WHAT IS LONGO?**

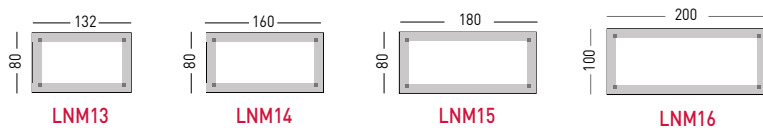


Longo is a modular system consisting of sofas and operative managerial desks, which function in a multi-faceted manner. Longo provides storage solutions (cabinets, libraries), accessories and sound absorbing panels that are decoratively unified to inspire an enlivening environment.

The configuration of Longo stems from a solid extruded aluminium structure on which we attach the cast iron legs to achieve the desired environment, while always maintaining a unitary visual concept.

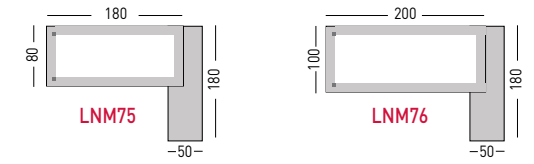
Longo enables more friendly, open and relaxed environments, where formal structures and dynamic spaces thrive to create a harmonious environment.

**STRAIGHT DESKS**

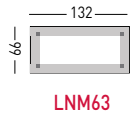


**DESKS WITH CABINET SUPPORT**

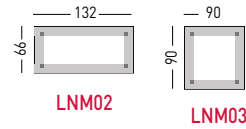
Reversible auxiliary Cabinet



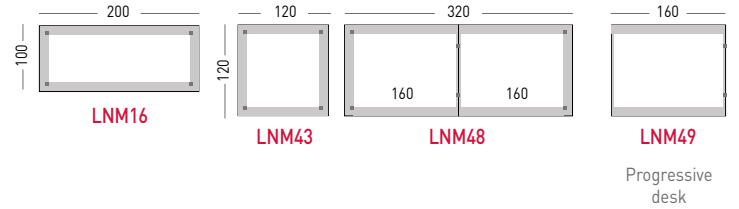
**CONTRACT DESKS**



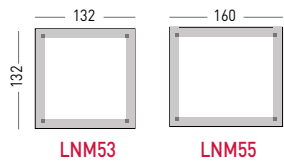
**COFFEE TABLES Height 32 cm**



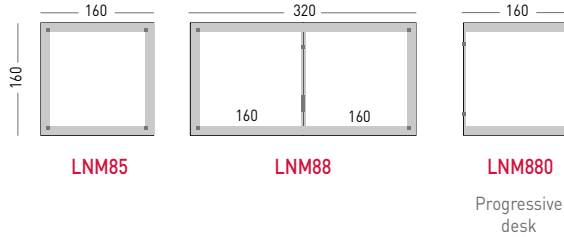
**MEETING AND EXECUTIVE DESKS**



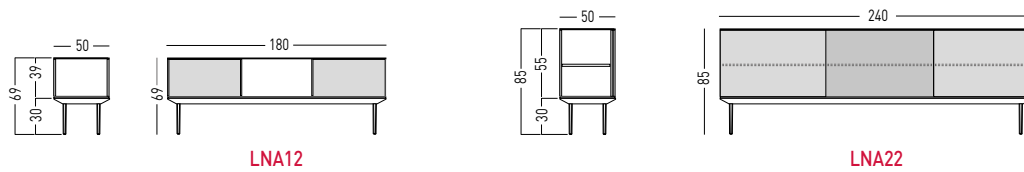
**TWIN DESKS - 132 cm WIDTH**



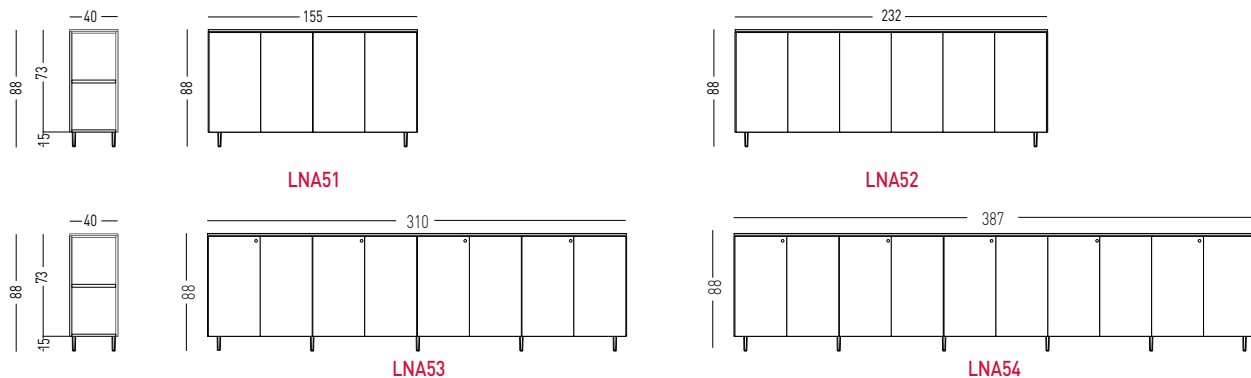
**TWIN DESKS WITH MIDDLE EXTENSION - 160 cm WIDTH**



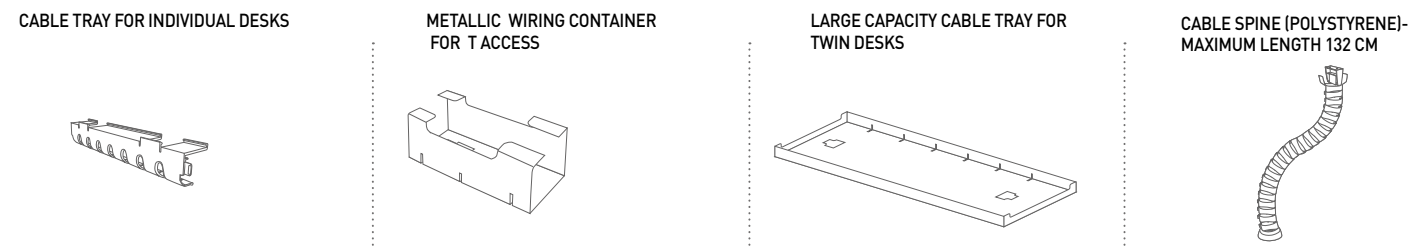
**CREDENZA UNITS**



**STORAGE UNITS**



**OPTIONAL ELECTRIFICATION SYSTEM ACCESSORIES**



■ **MFC**

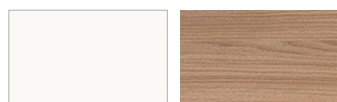
90 and 120 grs/m2 density MFC faced board 19 mm thick, PEFC certified. The PVC edging is exclusively designed and manufactured by Actiu providing a high quality finish to the product. The edge is 0.078" thick, radius of 0.078". Highly durable and 100% recyclable.



00 WHITE      11 LIME OAK      07 CHESTNUT      14 DARK OAK

■ **C.Laminate**

Compact Laminate board 13 mm thick, manufactured by high pressure laminated phenolic resins. Black core, and white (subtle grey touch), wengue, black or dark orange top. High pressure Laminate support the pressure 90kg/cm2 and 150°C temperature in special presser which provides the resins polycondensation.



30 WHITE      36 CHESTNUT

■ **Glass**

Laminated Security glass with internal translucent layer. Thickness available in 5.5 and 6.6 mm for desk surfaces. 4.4 mm for Screens, reception counter front panels and glass doors.

The laminated glass is the result of linking two or more glass sections, linked by PVB layers (butiral polivinil). This material combines the specific glass properties such as transparency and durability.

Extra clear tempered glass

Low level of iron oxide, it offers colourless luminosity (no green tones), 10 mm thick. The tempered glass has maximal scratch and impact resistance. 100% Recyclable.



52 WHITE TEMPERED      59 DARK BLACK

■ **Dekton® (For projects)**

Dekton employs exclusive Sinterized Particle Technology, a high tech process which represents an accelerated version of the metamorphic change that natural stone undergoes when subjected to high temperatures and pressure over thousands of years. The sinterization and ultra-compaction process leads to a zero porosity material.



SR SIROCCO

## LONGO DESKS



### DESCRIPTION

- ① Extruded aluminum profile.
- ② Attachment brackets made from injected aluminum.
- ③ Feet injected with aluminum. Two models:
  - Fixed height 74 cm.
  - Adjustable height 63 - 85 cm.
- ④ Feet injected with aluminum with anti-slip leveller.
- ⑤ Surface in different finishes:
  - 19 mm thick melamine in white, lime oak, chestnut or ash.
  - 13 mm thick Compact in white or chestnut.
  - 10 mm thick glass in black or white
  - 12 mm Dekton finished in sirocco. **(onland for projects)**
- ⑥ Access to optional wiring with "Push Latch" system, finished in white, silver or black.
- ⑦ Optional accessories connected to the table top: cable traand, CPU supports, etc...
- ⑧ Optional accessories for desktop: desktop screens, auxiliary cabinets,...

### ESTRUCTURE



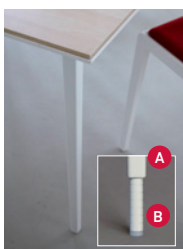
- **Structure** formed of extruded aluminum profiles covered with an epoxy paint, finished in white, silver and black. The profiles have a joining sandstem, Actiu registered band which enables items to be linked to create infinite possibilities.
- **Feet** injected with aluminum in a pandramid shape, covered in epoxy paint in white, silver, black and polished finishes. Leveler made from injected aluminium with an anti-slip sole.
- Injected aluminum **brackets** for joints, covered in epoxy paint and finished in white, silver, black and polished.

### SUPPORTS

The legs are offered with two types of supports:



Levellers  
Total height: 74 cm.



Height adjustment  
Total height: 74-82 cm.

- Ⓐ White - White
- Ⓑ Silver - Silver
- Black - Black
- Polished - Black

### FINISHES

Structure, legs and brackets are all offered in the following finishes:



White



Silver



Black

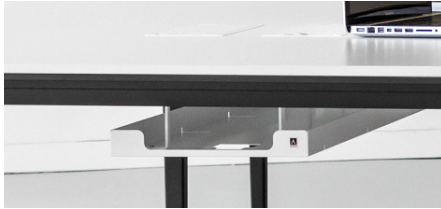


Frame Blackck  
Polished legs

## LONGO ACCESSORIES

### ■ ELECTRIFICATION SYSTEM

An integrated electrification system which enables effective management of cabling and easy installation. It has a steel tray with a large capacity which sits under the work surfaces, which is accessed by via an aluminium door supported on a central beam.



Metal tray made from 1mm steel , great capacity for wires and connections for twin desks. Maximum accessibility optimizing the work surface, enables optimal wiring management. Two models available

- Fixed height
- Height regulation (three positions)



Polystyrene tray for individual or twin desks with wiring and connections. Maximum accessibility optimising the work surface enabling optimal wiring management. It is anchored directly to the beams of the Longo structure.



Output wiring and connections, allow quick and easy access to the connections and wiring from the surface of the tables.

### ■ OPTIONAL ACCESSORIES

Longo has modesty panels, CPU supports, desktop screens,.



CPU holder. 25-30x49 cm and 1,5 mm thick



Desktop screen



Modesty panel

### ■ DESKTOP SCREEN

Longo has its own system of desktop screens which are anchored directly onto the surface of the table, giving great stability and aesthetic appeal. Fully upholstered, with aluminum profile or rail guides for fixing 3rd level items, soundproof and glass composition, the new desktop screens offer many possibilities. Longo also has movable desktop screens incorporating a stable support system without fixation, which allows the user to change the position of the screen according to their needs at any moment.

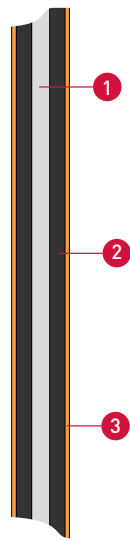


Fixed desktop screens placed on the surface of the desktop.



Mobile desktop screens

■ ACOUSTICS



- ① 10 mm thick **Chipboard**
- ② **Foam** thickness  $e = 10$  mm and  $60 \text{ Kg/m}^3$  ( $e_{\text{total}} = 40$  mm) density
- ③ **decorative fabric** adhesives using glue and water
  - Possibility of sound **proofing and/or fireproof fabrics**, optional for projects

Actiu upholstered Index		
● GROUP "M"	MELANGE	Average sound absorption M1 fire
● GROUP "T"		Moderate sound absorption

- **Finishes offered in Price List**

CAUSES OF ACOUSTIC DISCOMFORT

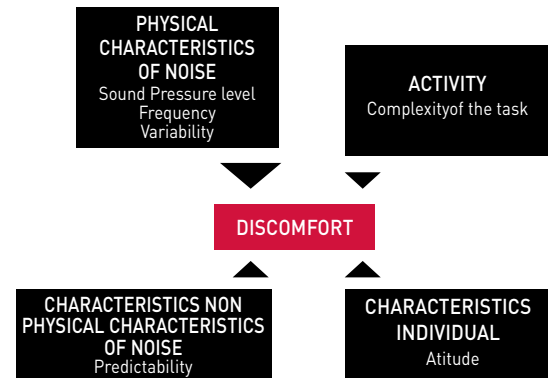
**Attitude of the subject.** Of its acceptability or not.

**Physical characteristics of noise**

- Types of tones. Pure tones (those that do not vary in frequency) more disruptive than the compounds. Even more when aired on audible frequencies (500 – 2000 Hz)
- Frequency. High frequencies more disruptive than low ones.
- Randomness. The variation in noise annoyance increases.

**Non physical characteristics.** Less predictable noise is more disruptive.

**Type of activity.** Greater discomfort elicits a greater need of concentration.



ACOUSTIC ERGONOMICS AND COMFORT

Acoustic comfort is the sound level that does not disturb, bother or cause any direct harm to health.

ORIGIN OF ACOUSTIC DISCOMFORT

- Team working and equipment: photocopiers, CPU 's, air conditioning, telephones...
- Over-staffed office that are poorly designed
- External noise due to poor insulation of the building

CONTROL MEASURES

Controlling noise within teams

- Install printers and fax machines in remote rooms and areas
- Using silent office equipment, by adding insulated housing
- Lower the intensity of telephones and communication devices
- Use doors with spring systems....

Control the noise within ventilation and air conditioning

Avoid noise transmission between units using insulated walls

In the propagation medium it is recommended:

- Place sound absorbing materials in the walls, ceilings and floors
- Use surfaces that do not reflect too much. (Reverbatation Time  $\leq 1$  seg)
- Place absorbent panels between desks and workstations
- Provide office furniture that improves the acoustic behaviour of space; hollow ceilings, carpeted floor, upholstered chairs....
- Respect the local occupancy according to its volume and its use
- Achieve quiet habits of conduct and communication







**MATERIALS**

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

**71,74%**  
RECYCLED  
MATERIALS



**PRODUCTION**

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

**100%**  
RECYCLABLE  
ALUMINIUM, STEEL  
& WOOD



**TRANSPORT**

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

**100%**  
RECYCLABLE  
PACKAGE AND THINNER  
FREE



**USE**

Quality and warranty. Long lasting. Replacements available.

**EASY**  
TO CLEAN  
AND MAINTAIN



**DISPOSAL**

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

**87,97%**  
RECYCLABLE  
MATERIALS

**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



ECODESIGN Certificate



ISO 9001 Certificate



ISO 14001 Certificate



E1 Certificate by EN 13986



PARQUE TECNOLÓGICO ACTIU  
proyecto certificado LEED® GOLD  
por el U.S. Green Building Council en 2011  
Leadership in Energy & Environmental Design

**STANDARDS**

LONGO 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: EN 527-1:2011.** 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.
- **UNE: EN 15372:08.** Office Furniture. Strength, durability and safety. Requirements for domestic use desks. Office Furniture. Desks. **Part 2:** Strength, durability and safety.
- **UNE: EN 1730:13.** Furniture. Tables. Test methods for the determination of stability, strength and durability.
- **UNE: EN14073-2:05.** Office furniture. Tables and desks and storage furniture. Safety requirements.
- **UNE: EN 14073-3:05.** Office furniture. Tables and desks and storage furniture. Test methods for the determination of stability and strength of the structure.
- **UNE: EN 14074:05.** Office furniture. Tables and desks and storage furniture. Test methods for the determination of strength and durability of moving parts.