

Middle East Design Award



L.System

Design GUIALMI DESIGN TEAM

L4P 2006

LPO 2008

LEV 2011



L.SYSTEM

Operative System

STRUCTURE

L4P / LPO

Legs made of rectangular tube 40x50mm, 2mm thick.

The upper part of the legs is made of 40x25mm tube, 2 mm thick.

Welds are made with MIG/MAG robot welding connecting the upper tube to both side tubes.

Each leg is fitted with a translucent nylon levelling foot, with a metal part on the inside for height adjustment up to 15mm.

LEV

Legs are made of ST12 steel plate, 0.8mm thick, forming a single metal-reinforced inner tube piece 20x25mm, 1.5mm thick, fitted with levelling feet.

BEAMS

Each workstation is fitted with two reinforcement beams connecting both legs. These beams are made of 40x30mm steel tube, 2.0mm thick.

Beams are screwed to the legs and top. Connections are metal – metal.

Beams are prepared to support electrification trays as well as modesty panels.

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TOPS

MELAMINE / Tops are made of high density agglomerate wood particles, covered with melamine. The edges are in PCV, 2.0mm thick.

NATURAL WOOD / In case of natural wood finishes, tops are made of MFC covered with natural wood veneer. The edges are made of natural wood.

GLASS / Glass tops are made of laminated glass, 12mm thick (6+6mm), with anthracite, black and white the tops are made of tempered glass, 10mm thick, with a painted surface and a polished surface.

MODESTY PANELS

MELAMINE / Made of high density agglomerate wood particles, covered with melamine. The edges are in PCV, 2.0mm thick. 19mm thick.

NATURAL WOOD / In case of natural wood finishes, tops are made of MFC covered with natural wood veneer. The edges are made of natural wood. 19mm thick.

METAL / Made of steel plate, 0.8mm thick.

SCREENS

MELAMINE / 19mm thick.

ACRYLICS / 5mm (800mm – 1800mm) or 8mm (2200mm – 2600mm).

GLASS / 3+3mm laminate.

PAINT

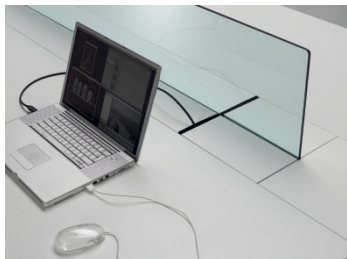
Paint made of epoxy polyester powder with electrostatic application in robotic paint tunnel, average thickness of 80 microns.

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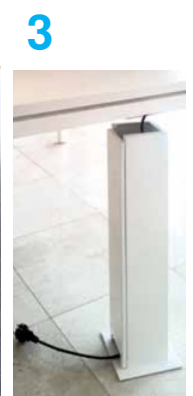
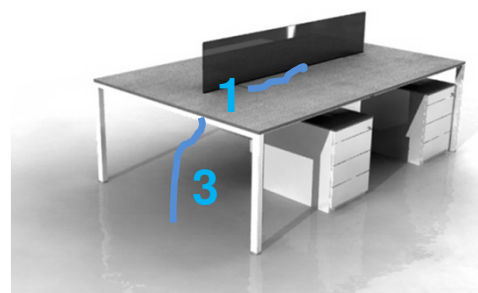
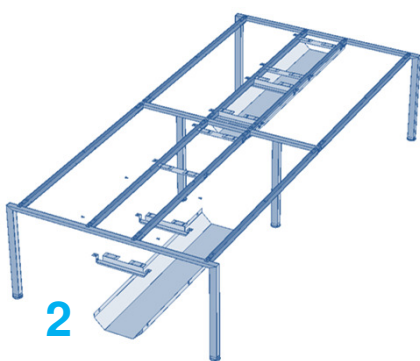


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ELETRIFICATION SYSTEM

- 1/ Melamine or natural wood flip top, fitted with soft closing.
- 2 / Electrification trays for cable management over the entire width of the workstations, available for desks facing each other or individuals.
- 3 / Cable rising, multiple choice, plastic snake, metal tower with door, or magnetic part to be fixed to the legs.



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CERTIFICATES

Certified product according to european standards (EN).

UNE-EN 527-1:2011
UNE-EN 5272:2003
EN 527-3:2003

Electrostatics.

UNE-EN/CEI 61340-2-1/2004
CEI TR 61340-2-2 /2000.
UNE- EN /CEI 61340-2-3 /2000
UNE- EN /CEI 61340-4-1/2005
UNE- EN /CEI 61340-2-3 /2000
UNE- EN /CEI 61340-4-1/2005
CEI 61340-5-1/2007
UNE EN 1149-3/2004
CEI TR 61340-2-2 /2000
CEI 61340-5-1/2007
UNE EN 1149-3/2004
CEI TR 61340-2-2 /2000
CEI 61340-5-1/2007

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SUSTAINABILITY

L.SYSTEM LIFE CYCLE

Materials

23% of L.System is made from recycled materials.

Does not contain hazardous substances such as mercury or chromium, or other problematic material such as PVC.

Packaging consists of cardboard, expanded polyurethane and LDPE film, all the packaging containing 30% recycled material.

Production

Epoxy electrostatic paint, does not contain heavy metals, and is produced in a robotic paint tunnel with automatic recovery of epoxy reintroducing it again in the production process. Recovery is around 100%, which increases efficiency and improves energy consumption and resource waste and effluent treatment.

Use

To optimize its use and life cycle, L.System is modular and extensible.

END OF LIFE CYCLE

L.System is 98% recyclable (weight).