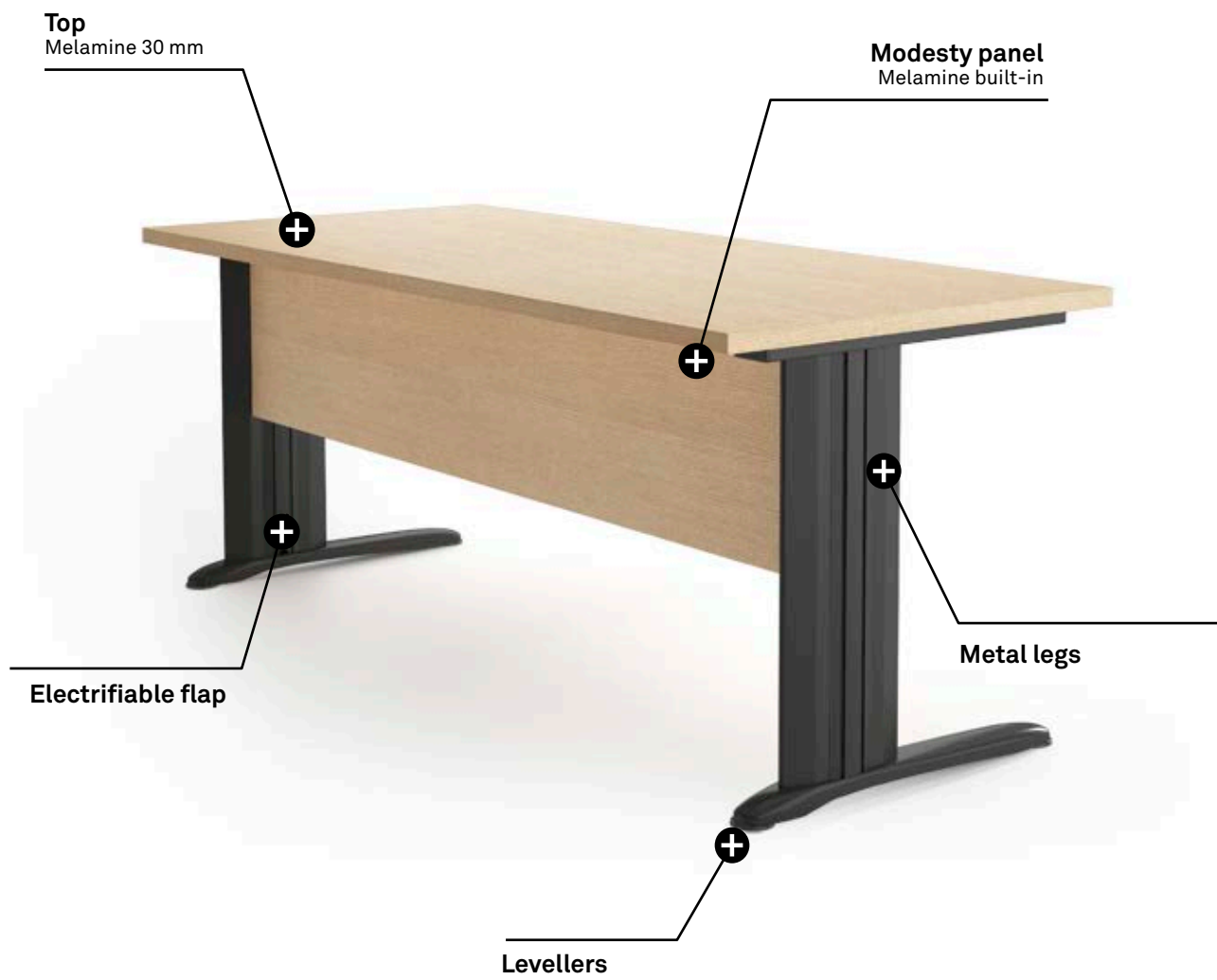


Forma 5

TECHNICAL FEATURES

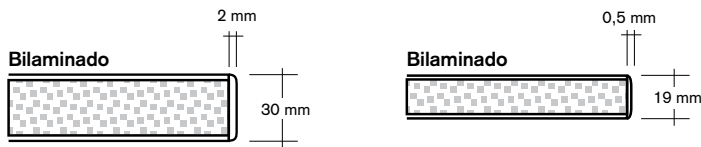
**NEO**





# ELEMENT DESCRIPTION

## BOARD



EDGE WIDTH	30 mm BOARD	19 mm BOARD
0,5 mm		Modesty panel
2 mm	Desk top	

## DESK TOP

30 mm thick melamine particle board. 2 mm thick thermofused edges around the perimeter. Drilled underneath to allow the assembly. The quality requirements for the board are made according to the UNE-EN 312 legal terms, corresponding to P2 board. The average 30 mm thick board density is 610 kg/m<sup>3</sup>. The built-in design may generate a maximum bend of 2 mm/ml in the desk tops, without affecting the functionality.



## PEDESTALS

Silver grey or dark grey 1,2 mm thick sheet cold laminated steel metal pedestals, polymerized at 220° C. 100 micron epoxy paint layer. Levellers included.

Thermoplastic electrifying 3 rail flaps available in the same finishes than the pedestal. The pedestal is fixed to the top through a 2 mm thick folded steel beam frame.



Electrifying flap.



## MODESTY PANELS

19 mm thick melamine particle board built-in modesty panel with 0,5 mm thick thermofused edges. There is a space left between the top and the modesty panel for cable management. Drilled to be fixed to the top and the pedestals. Central screen included to avoid the warping.



## DESK SCREENS

### MELAMINE DESK SCREEN

19 mm thick particle board with 2 mm thermofused edges around the perimeter. Fixed to the framework with specific fittings.



### GLASS DESK SCREEN

6 mm (3 + 3 mm) laminated glass with inner butyral sheet. Polished edges and rounded corners. Fixed to the framework by specific fittings.



### UPHOLSTERED DESK SCREEN

16 mm thick particle board base with both sides upholstered, fixed to the framework by specific fittings. Sewings at laterals.



### UPHOLSTERED ACOUSTIC DESK SCREEN

16 mm thick particleboard base covered with a 5 mm thick foam cover with 60Kg/m<sup>3</sup> density and upholstered on both sides. Double perimeter seam. Fixing to the structure of the desk by specific fittings.



CABLE MANAGEMENT

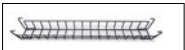
ACCESSORIES FOR DESK SURFACE



**SQUARE DESK GROMMETS**

ABS tap of 94 x 94 mm and polished finish. Polypropylene piece Ø 80 mm inner. Height 25 mm (2 mm over top).

HORIZONTAL CABLE DRIVING



**REMOVABLE WIRE CABLE TRAYS**

Electrowelded wire tray Ø 5 mm rod. Fix to the tap by metal plates.



**METALLIC SUPPORT**

1 mm thick folded metal tray and dimensions 734 x 67 x 122 mm. Hanging from the beam or modesty panel.



**POLYPROPYLENE CABLE TRAY**

Variable thick polypropylene tray. Overall dimensions 365 x 165 x 150 mm. Fixation to top directly by screws.



**METAL CABLE TRAY TO SERVICE POWER**

Metal cable tray to service power outlet, made of steel sheet, 1,2 mm thickness and 300 mm in length. Possibility of setting a power block. Fixing in the desk top with wooden screws. outlet

VERTICAL CABLE DRIVING



**METAL CABLE PILLAR**

1,5 mm thick metal pillar. Section 71 x 70 mm, base 160 x 160 mm. Overall height 572.5 mm.



**CABLE SPINE FOR ELECTRIFICATION**

Spiral thermoplastic material, anchored to the top by screws and to the ground with a pedestal base. Silver gray finish.

ADDITIONAL ACCESSORIES



**ADJUSTABLE CPU CABINET**

Support folded metal sheet, 2 mm thick. Adjustable height and width to suit different dimensions. Screwed to desk top. Flexible polyurethane protections to prevent vibration and to ensure an optimal fit.



**4 WAY POWER BLOCK**

16A 250V sockets with 3 x 1.5 mm<sup>2</sup> power cable. CAT5E network cable.



**POWER CABLE AND EXTENSION CABLE**

3 x 1,5 mm<sup>2</sup> cable 250V 16A with grounding.



**3 WAY POWER BLOCK WITH 2X RJ45 DATA**

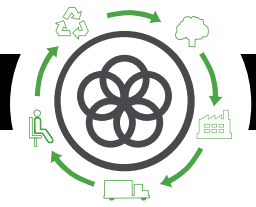
16A 250V sockets with 3 x 1.5 mm<sup>2</sup> power cable. CAT5E network cable.

# CONFIGURATIONS AND DIMENSIONS

## CLASSIC OVERVIEWS

	RECTANGULAR DESK	A x B	180 x 80 160 x 80 140 x 80 120 x 80 100 x 56
	RETURN DESK	A x B	100 x 56
	100 WAVE DESK	A x B/b1	180 x 100/80 160 x 100/80 140 x 100/80
	120 WAVE DESK + ADDITIONAL LEG	A x B/b1	180 x 120/80 160 x 120/80 140 x 120/80
	COMPACT RETURN DESK WIDTH 56	A/a1 x B/b1	180/80 x 180/56 180/80 x 160/56 160/80 x 180/56 160/80 x 160/56
	COMPACT RETURN DESK WIDTH 80 SUPPORT PEDESTAL OR TWO LEGS	A/a1 x B/b1	180/80 x 180/80 160/80 x 160/80
	"L" DESK	A/a1 x B/b1	180/80 x 120/56 160/80 x 120/56

TOP 30 mm h: 74 cm



Life Cycle Analysis  
**NEO Program**



RAW MATERIALS		
Raw Material	Kg	%
Steel	15,27 Kg	59%
Plastic	0,47 Kg	1%
Wood	26,7 Kg	60%

% Recycled material= 59%  
 % Recyclable materials= 99%

## Ecodesign

Results reached during the life cycle stages



### MATERIALS

**Wood**

70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.

**Steel**

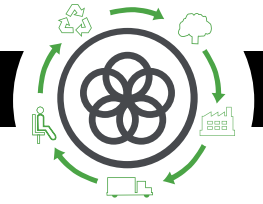
15%-99% recycled material.

**Paintings**

Podwer painting without COV emissions

**Packings**

100% recyclable with inks with no solvents.



## PRODUCTION

### Raw materials use optimization

Board, upholstery and steel tubes cut.

### Renewable energies use

reducing the CO2 emissions. (Photovoltaic pannels)

### Energy saving measures

in all production process

### COV global emission reduction

of the production processes by 70%.

### Podwer painting

ecovery of 93% of the non deposited painting

### Glue removal from the upholstery

### The facilities

have an internal sewage for liquid waste.

### Green points

at the factory

### 100% waste recycling

at production process ans dangerous waste special treatment.



## TRANSPORT

### Cardboard use opmitization

of the packings

### Cardboard and packing materials use reduction

### Flat packings and small bulks

to optimize the space.

### Solid waste compacter

which reduces transport and emissions.

### Light volumes and weights

### Transport fleet renewal

reducing by 28% the fuel consumption.

### Suppliers area reduction

Local market power and less pollution at transport.



## USE

### Easy maintenance and cleaning

without solvents.

### Forma 5 guarantee

### The highest quality

for materials to provide a 10 year average life of the product.

### Useful life optimization

of the product due to a standarized and modular design.

### The boards

with no E1 particle emission.



## END LIFE

### Easy unpacking

for the recyclability or compound reuse.

### Piece standarization

for the use.

### Recycled materials used for products

#### (% recyclability):

Wood is 100% recyclable.

Steel is 100% recyclable.

### With no air or water pollution

while removing waste.

### Returnable, recyclable and reusable packing

### Product recyclability 99%

# CLEANING AND MAINTENANCE GUIDE

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## MELAMINE PIECES

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Clean using a damp cloth and a PH neutral soap cleaning agent.

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## PLASTIC PIECES

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Rub the dirty spots with a wet cloth with PH neutral soap.

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## METALLIC PIECES

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- 1 Rub the dirty spots with a wet cloth with PH neutral soap.
- 2 Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

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## GLASS ELEMENTS

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Clean using a damp cloth and a PH neutral soap cleaning agent.

Do not use abrasive products in any case.

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# REGULATION

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## CERTIFICATES

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Forma 5 certifies that the Neo program has passed all tests provided by our intern Quality Department and the Technological Research Center (CIDEMCO) with "satisfactoru" results:

UNE- EN 527-1-2001: "Office furniture. Desks. Part 1: Dimensions".  
UNE-EN 527-2-2003: "Office furniture. Desks. Part 2: Security mechanical requirements".  
UNE-EN 527-2-2003: "Office furniture. Desks. Part 3: Testing methods to determine the structure stability and resistance".  
UNE-EN 527-2:2003 apt. 3 y 4: "Design and safety requirements"  
UNE-EN 527-3:2003 apt. 5.1.2.1: "vertical stability under load"  
UNE-EN 527-3:2003 apt. 5.2: "Vertical force resistance"  
UNE-EN 527-3:2003 apt. 5.3: "Horizontal force Resistance"  
UNE-EN 527-3:2003 apt. 5.4: "Fatigue under horizontal forces"  
UNE-EN 527-3:2003 apt. 5.5: "Fatigue under vertical forces"  
UNE-EN 527-3:2003 apt. 5.6: "Drop test"

Developed by R&D FORMA 5