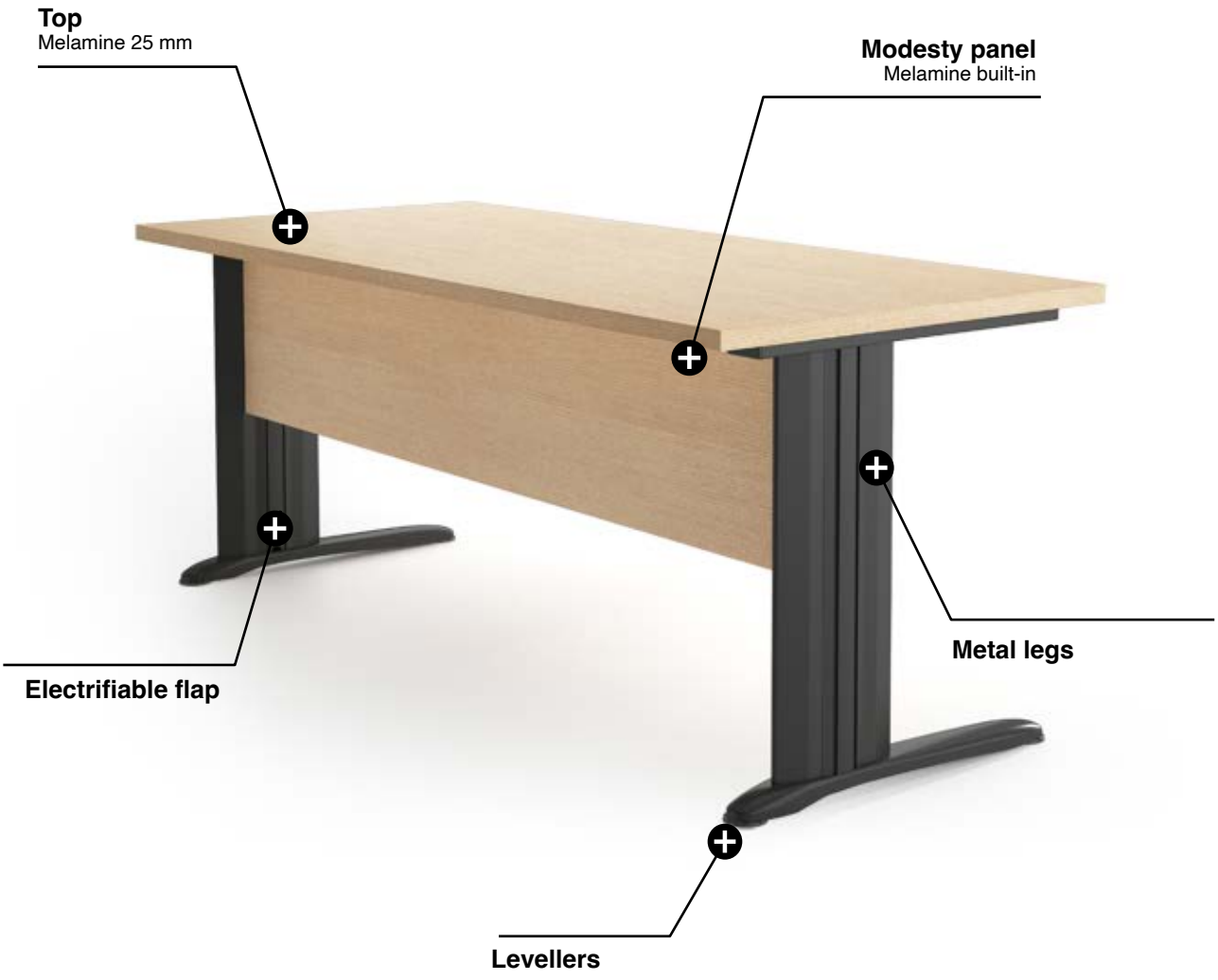
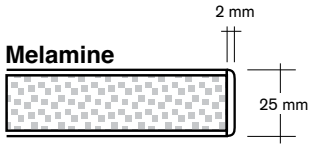
Forma 5

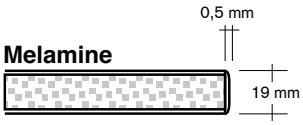
TECHNICAL FEATURES

NEO


Top
Melamine 25 mm
Modesty panel
Melamine built-in
Electrifiable flap
Metal legs
Levellers

BOARD





EDGE WIDTH	25 mm BOARD	19 mm BOARD
0,5 mm		Modesty panel
2 mm	Desk top	

DESK TOP

25 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 25 mm thick board density is 595 kg/m3. 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 220º C. 100 micron epoxy paint layer. Levellers included.
Thermplastic 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.

For Neo programme, the modesty panels are part of the main structure, and they are always in melamine finishes.

MELAMINE MODESTY PANELS

19 mm thick particles board with 1,2 mm thick thermofused edges in its whole perimeter fixed to the framework with specific fittings hidden under the desk.

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^3 density and upholstered on both sides. Double perimeter seam. Fixing to the structure of the desk by specific fittings.

FABRIC METERS

	Desks 180 width	Desks 160 width	Desks 140 width	Desks 120 width
Front screen	1,9 m	1,7 m	1,5 m	1,3 m

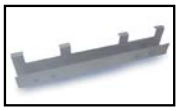
Fabric meters for 1 unit. For other units, consult if possible the fabric optimization.

	Desks 80 depth
Side screen	1,00 m

ELEMENT DESCRIPTION

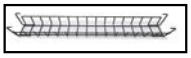
ACCESSORIES FOR DESK SURFACE

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).



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

HORIZONTAL CABLE DRIVING



REMOVABLE WIRE CABLE TRAYS
Electrowelded wire tray Ø 5 mm rod. Fix to the tap by metal plates.

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

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

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

VERTICAL CABLE DRIVING

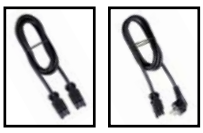
METAL CABLE PILLAR
1,5 mm thick metal pillar. Section 71 x 70 mm, base 160 x 160 mm. Overall height 572.5 mm.

4 WAY POWER BLOCK
16A 250V sockets for 3 x 1.5 mm^2 power cable.

ADDITIONAL ACCESSORIES

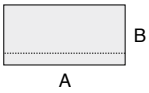
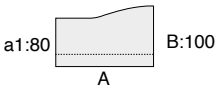
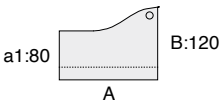
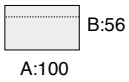
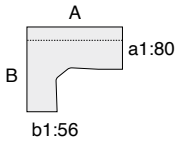
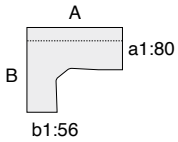
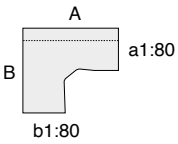
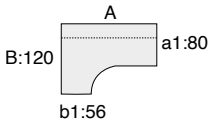
ADJUSTABLE CPU CABINET
Support folded metal sheet, 2 mm thick. Adjustable height and width to suit different dimensions. Screwed to desk top. Flexible polyurethane protections to prevent vibration and to ensure an optimal fit.

3 WAY POWER BLOCK WITH 2X RJ45 DATA
16A 250V sockets for 3 x 1.5 mm^2 power cable.



POWER CABLE AND EXTENSION CABLE
3 x 1,5 mm^2 cable 250V 16A with grounding.

NEO - BUILT-IN MELAMINE MODESTY PANEL

	RECTANGULAR DESK	A x B	180 x 80 160 x 80 140 x 80 120 x 80 100 x 56
	WAVE DESK	A x B/a1	180 x 100/80 180 x 100/80 160 x 100/80 160 x 100/80 140 x 100/80 140 x 100/80
	WAVE DESK WITH ADDITIONAL LEG	A x B/a1	180 x 120/80 180 x 120/80 160 x 120/80 160 x 120/80 140 x 120/80 140 x 120/80
	RETURN DESK WITH MODESTY PANEL	A x B	100 x 56
	COMPACT RETURN DESK WIDTH 56 SUPPORT PEDESTAL OR TWO LEGS	A/a1 x B/b1	180/80 x 180/56 180/80 x 180/56 180/80 x 160/56 180/80 x 160/56 160/80 x 180/56 160/80 x 180/56 160/80 x 160/56 160/80 x 160/56
	COMPACT RETURN DESK WIDTH 56 TWO LEGS SUPPORT	A/a1 x B/b1	180/80 x 140/56 180/80 x 140/56 160/80 x 140/56 160/80 x 140/56
	COMPACT RETURN DESK WIDTH 80 SUPPORT PEDESTAL (80) OR TWO LEGS	A/a1 x B/b1	180/80 x 180/80 180/80 x 180/80 160/80 x 160/80 160/80 x 160/80
	“L” DESK	A/a1 x B/b1	180/80 x 120/56 180/80 x 120/56 160/80 x 120/56 160/80 x 120/56

TAPA 25 mm
h: 73,5 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

MELAMINE PIECES

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

PLASTIC PIECES

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

METALLIC PIECES

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.

GLASS ELEMENTS

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

Do not use abrasive products in any case.

REGULATION

CERTIFICATES

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 resistence”
UNE-EN 527-3:2003 apt. 5.3: “Horizontal force Resistence”
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