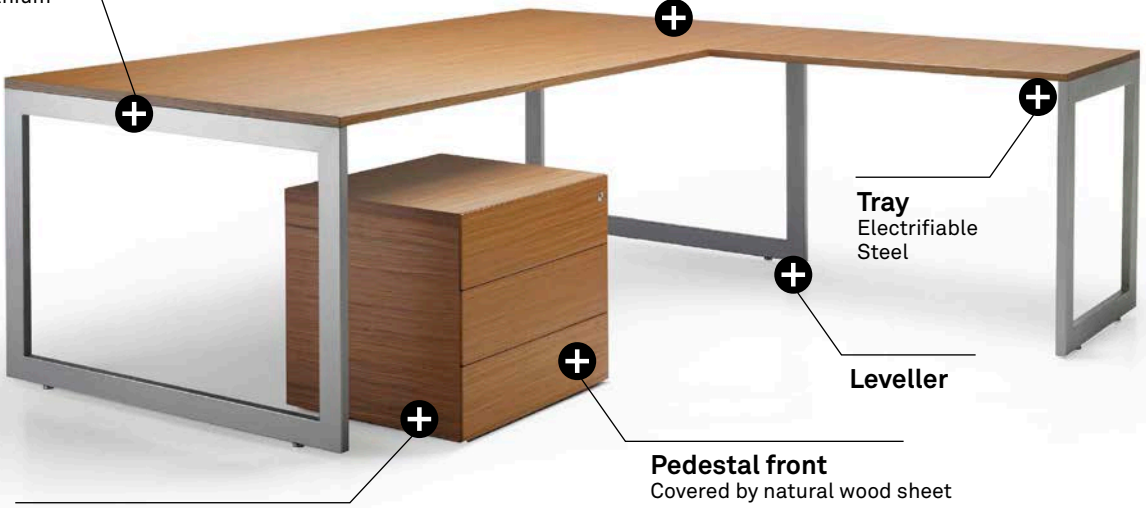
Forma 5

TECHNICAL FEATURES

VEKTOR



Top
Particles board covered by 23 mm thick natural wood sheet
10 mm thick warm glass
Tempered glass with butyral sheet of 6+6 mm thick

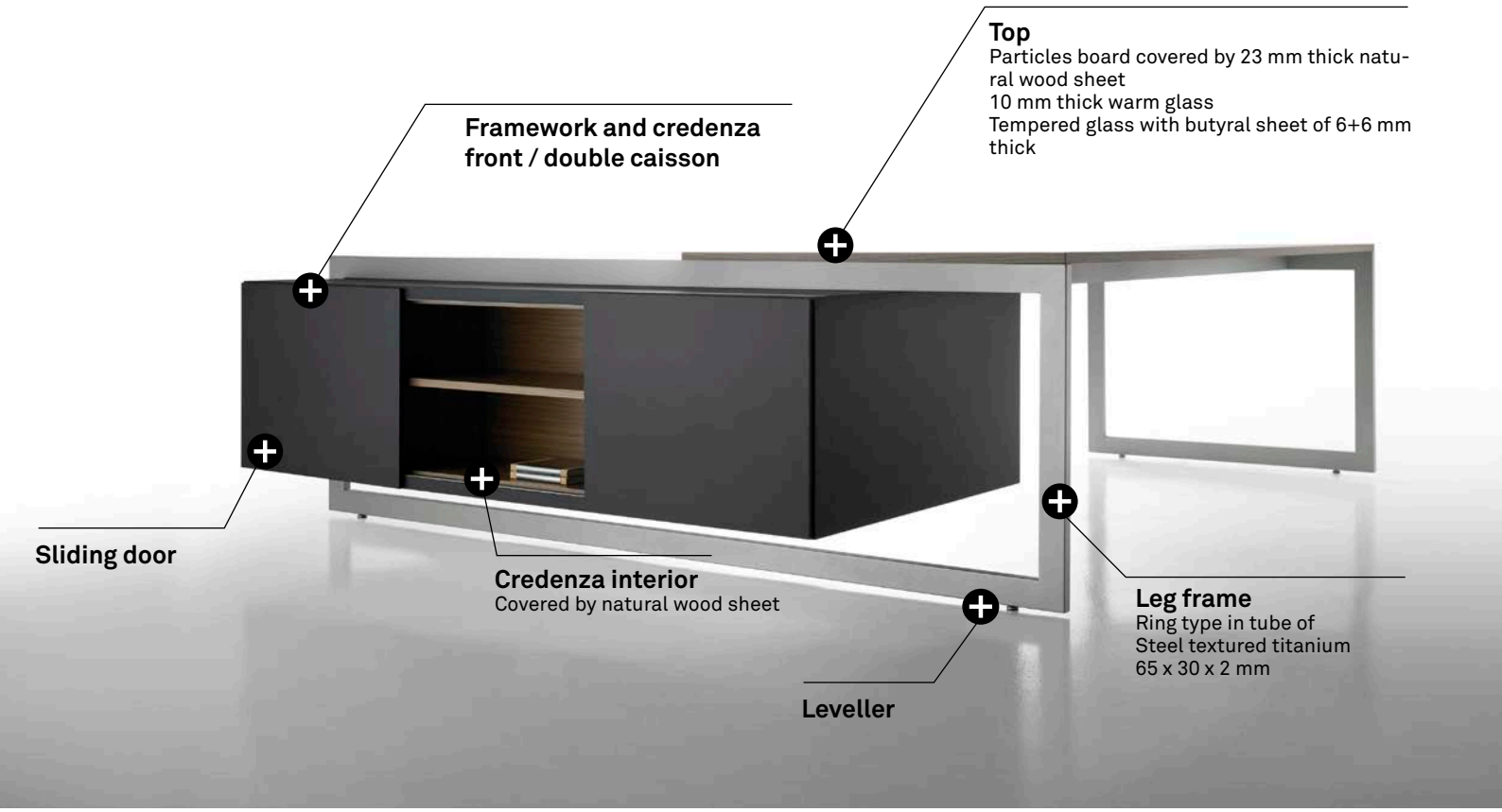
Leg frame
Ring type in tube of
Steel textured titanium
65 x 30 x 2 mm

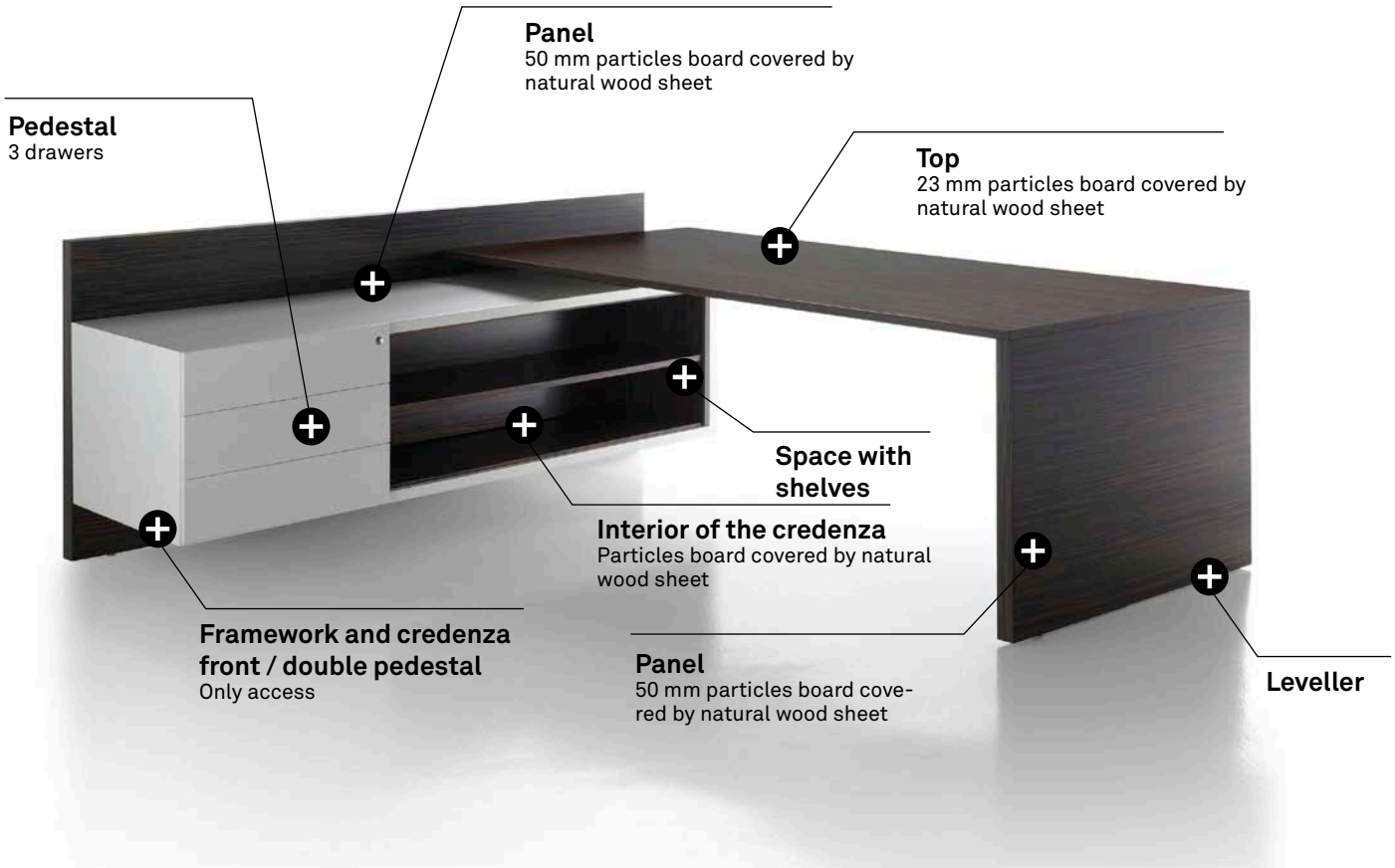
Tray
Electrifiable
Steel

Leveller

Pedestal front
Covered by natural wood sheet

Pedestal framework
Covered by natural wood sheet


Top
Particles board covered by 23 mm thick natural wood sheet
10 mm thick warm glass
Tempered glass with butyral sheet of 6+6 mm thick
Framework and credenza front / double caisson
Sliding door
Credenza interior
Covered by natural wood sheet
Leg frame
Ring type in tube of
Steel textured titanium
65 x 30 x 2 mm
Leveller


Panel
50 mm particles board covered by natural wood sheet
Pedestal
3 drawers
Top
23 mm particles board covered by natural wood sheet
Space with shelves
Interior of the credenza
Particles board covered by natural wood sheet
Framework and credenza front / double pedestal
Only access
Panel
50 mm particles board covered by natural wood sheet
Leveller

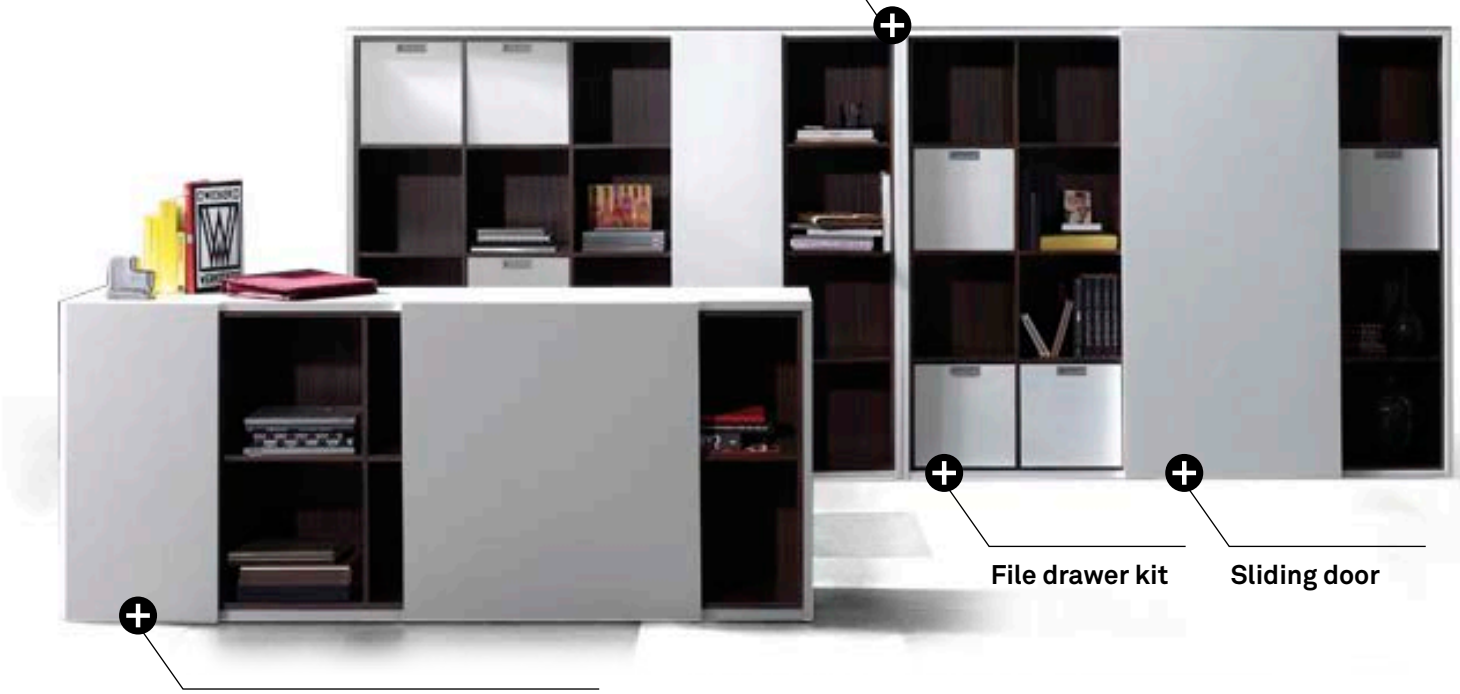
MEETING TABLE | ROUND • RECTANGULAR

Top
23 mm particles board covered by natural wood sheet

Leg frame
Ring type in tube of
Steel textured titanium
65 x 25 x 2 mm

Leveller

Inner facing
with wooden board



File drawer kit

Sliding door

Framework
Lacquered wood board framework

TOP

23 mm thick particle board. Covered with open pore natural wooden sheet on both sides of the board. Thermofused natural wooden sheet edges around the perimeter. Varnished through ultraviolet curing rollers. Surface treated by spray with an UV water based product. 100% ecologic.

GLASS: 10 mm thick warm glass and inner butyral sheet. Polished edges. Rounded edges. Fixed to the framework by means of silicone suction pads. Black or white finish.

FRAMEWORK

RING TYPE: 65 x 25 x 2 mm steel tube, cut and welded together in a 45º angle. Rectangular shape. 100 micron powder epoxy paint, polymerized at 220 ºC and steel textured titanium finish. The structure includes a 2 mm thick steel metal tray, folded and reinforced at the ends with 6 mm thick cold laminated steel crowns.

WALL TYPE: 50 mm thick low density particle board. Covered by natural wooden sheet. 1 mm thick thermofused natural wooden sheet edges around the perimeter. Varnished through ultraviolet curing rollers. Surface treated by spray with an UV water based product. 100% ecologic. The join of the two leg panels use the same metal tray of the ring type leg panel.

Ring type

Wall type

CABLE MANAGEMENT

Vektor program has diverse cable management solutions:

1. Cable management under the top:
The following elements may be added to the built-in tray: power cable + 2 schukos + 2 RJ45 cat5e data strip (international electrification system or british system).

2. Cable management over the top:
Metal rectangular top access (silver grey finish) with anti-dirt brush placed on the side of the top. Top access has a power cable + 2 schukos + 2 RJ45 cat5e female / female data strip for the international electrification system or a power cable + 2 schukos +2 RJ45 cat6 female / female for the british system).

CREDENZA

Fixed to the framework. Accessed from the user's side or from both sides. This last option is only available for ring leg frames. The user's side includes a drawer and a cabinet with shelf and sliding door. The back side includes the back part of the drawer and another space with shelf and one or two sliding doors, depending on the credenza's lenght. The door only closes half of the whole cabinet lenght.

RING TYPE: the 88 cm deep cabinet is screwed to the structure and can be accessed from both sides or just from the user's side. This last one includes a drawer and some space with a shelf. The opposite side includes the back part of the pedestal and some space with a shelf with a sliding door. The sliding door is single and only closes half of the cabinet's size. 120 cm and 180 cm long cabinets available.

Ring type

Credenza 120

Credenza 180

WALL TYPE: cabinet screwed to the framework with a 54 cm depth with access only from the user's side. Pedestal with drawers and cabinet with shelf included. The lenghts depend on the width of the desk, 120 and 180 cm.

Wall type

Credenza 120

Credenza 180

Two types of cabinet finished:

1) Lacquered shell framework (hand made process that combines differentes steps) and 25 mm MDF board.

2) Inner side covered by overlaid board and varnished with the same finish as the desk top. The pedestal, with three drawers, lacquered fronts and wooden interior of the drawers. Latest fittings with functionalities as the stop control. The sliding top is also lacquered with 1 or 2 sections. Optional removable filing drawer.

CABINET

The programme has exclusive cabinets with three widths and two heights.

The widths depend on the number of sections:
3 (125 cm), 4 (165 cm) and 5 (205 cm) and two heights (166 and 87 cm).

The finishes are like the cabinet attached to the workstation:
1) Lacquered in the shell.

2) Interior covered and divisions of 16 mm thick particle board overlaid and varnished with the same finish as the desk top. The programme has two types of sliding doors, 1 or 2 sections with lacquered finish. Optional removable filing drawer to assembly it in the cabinet spaces.


Medium cabinet


Low cabinet

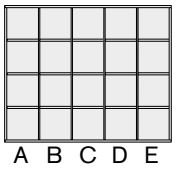
FRAMEWORK

MDF 25 mm thick board framework lacquered in white or black. Inner facing with wooden board and 16 mm thick particle board divisions, overlaid and varnished. The program has two types of sliding doors, 1 or 2 sections with lacquered finish. Optional removable file drawer and joining kit. Available in two heights: medium and low cabinet.


Filing drawer kit for hanging folders

RESTRICTED POSITIONS FOR FILE-DRAWER KITS:

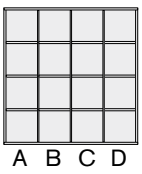
5 SECTIONS



Only doors:
• Maximum one 81 width door and one 41 width door
• Maximum four 41 width doors

Doors and filing drawer kit :
• Maximum one 81 width door and one 41 width door. If the 81 width door is installed on the right side, the filing drawer kit can not be placed in the D column. If it is installed on the left side, it can not be placed in the B column.
• Maximum three 41 width doors (the filing drawer kits can not be placed in the C column)

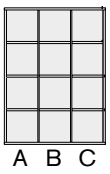
4 SECTIONS



Only doors:
• Maximum one 81 width door
• Maximum three 41 width doors

Doors and filing drawer kit:
• Maximum four 41 width doors
• Maximum two 41 width doors

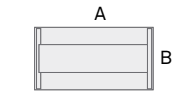
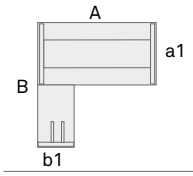
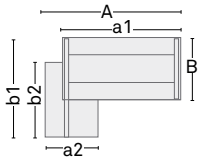
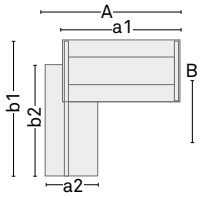
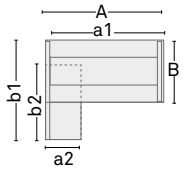
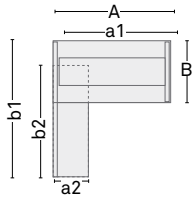
3 SECTIONS



Only doors:
• Maximum two 41 width doors

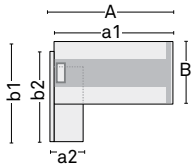
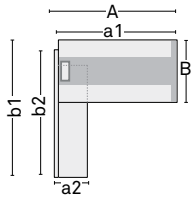
Doors and filing drawer kit:
• Maximum two 41 width doors (the filing drawer kits can not be placed in A or C columns).

WOOODEN / GLASS DESK TOP, RING TYPE LEG

	DESK	A x B	195 x 100
	DESK + RETURN DESK (WOODEN TOP)	A/b1 x a1/B	215/60 x 100/200 195/60 x 100/200
	DESK +DOUBLE CREDENZA 120	A/a1/a2 x B/b1/b2	247/215/88 x 100/ /120 227/195/88 x 100/166/120
	BUREAU + DOUBLE CREDENZA 180	A/a1/a2 x B/b1/b2	247/215/88 x 100/226/180 227/195/88 x 100/226/180
	BUREAU + SIMPLE CREDENZA 120	A/a1/a2 x B/b1/b2	218/215/62 x 100/166/120 198/195/62 x 100/166/120
	BUREAU + SIMPLE CREDENZA 180	A/a1/a2 x B/b1/b2	218/215/62 x 100/226/180 198/195/62 x 100/226/180

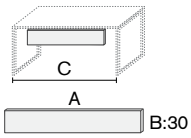
WOODEN TOP h: 73 cm / GLASS TOP h: 71,9 cm

WOOODEN DESK TOP, WALL TYPE LEG

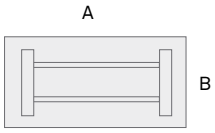
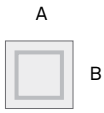
	DESK + SIMPLE CREDENZA 120	A/a1/a2 x B/b1/b2	220/215/59 x 100/160/120 200/195/59 x 100/160/120
	DESK + SIMPLE CREDENZA 180	A/a1/a2 x B/b1/b2	220/215/59 x 100/220/180 200/195/59 x 100/220/180

h: 73 cm

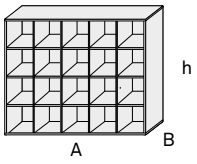
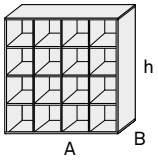
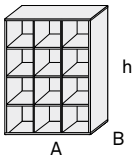
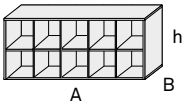
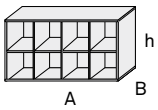
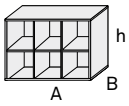
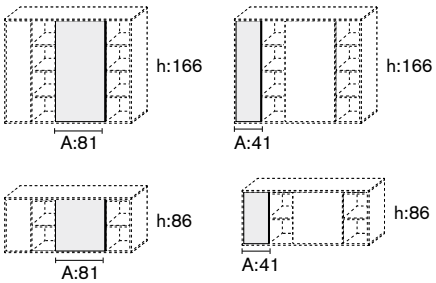
MODESTY PANELS

	MODESTY PANELS	A x B/C	170 x 30/215 150 x 30/195

MEETING TABLES AND LOW TABLE

	ROUND TABLE	Ø	120
	RECTANGULAR TABLE	A x B	240 x 110 200 x 110
	LOW TABLE	A x B	60 x 60 x 37,9

CABINETS

	5 SECTIONS MEDIUM CABINET	A x B x h	205 x 50 x 166
	4 SECTIONS MEDIUM CABINET	A x B x h	165 x 50 x 166
	3 SECTIONS MEDIUM CABINET	A x B x h	125 x 50 x 166
	5 SECTIONS LOW CABINET	A x B x h	205 x 50 x 87
	4 SECTIONS LOW CABINET	A x B x h	165 x 50 x 87
	3 SECTIONS LOW CABINET	A x B x h	125 x 50 x 87
	SLIDING DOORS	A x h	81 x 166 41 x 166 81 x 86 41 x 86

Life Cycle Analysis
VEKTOR Program

RAW MATERIALS		
Raw Material	Kg	%
Steel	50,07 Kg	18,8%
Plastic	0,54 Kg	1%
Wood	221,24 Kg	81%

% Recycled materials= 65%
% Recyclable materials= 99,8%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Steel
15%-99% recycled material.

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

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 99,8%

MAINTENANCE AND CLEANING GUIDE

MELAMINE PIECES

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

PLASTIC PIECES

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

METAL PIECES

1. Rub the dirty areas 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.

Do not use abrasive products in any case.

LEGAL TERMS

CERTIFICATES

Forma 5 certifies that the Vektor programme has passed tests conducted in the laboratory of internal Quality Control and TECNALIA Research Technology Center, obtaining “satisfactory” results in the following tests:

UNE EN 527-1-2001 norm. Office furniture. Desks. Part 1: Dimensions.
UNE EN 527-2-2003 norm. Office furniture. Desks. Part 2: Security mechanism requirements.
UNE EN 527-3-2003 norm. Office furniture. Desks. Part 3: Testing methods to determine the stability and mechanic resistence of the structure.

Forma 5 certifies that the Vektor credenza has passed tests conducted in the laboratory of internal Quality Control and TECNALIA Research Technology Center, obtaining “satisfactory” results in the following tests:

UNE-EN 14073-2:2005: “Office furniture - Storage furniture - Part 2: Safety requirements”.
UNE-EN 14073-3:2005 “Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure”.
UNE-EN 14074:2005: “ffice furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts”.

Developed by JOSEP LLUSCÀ