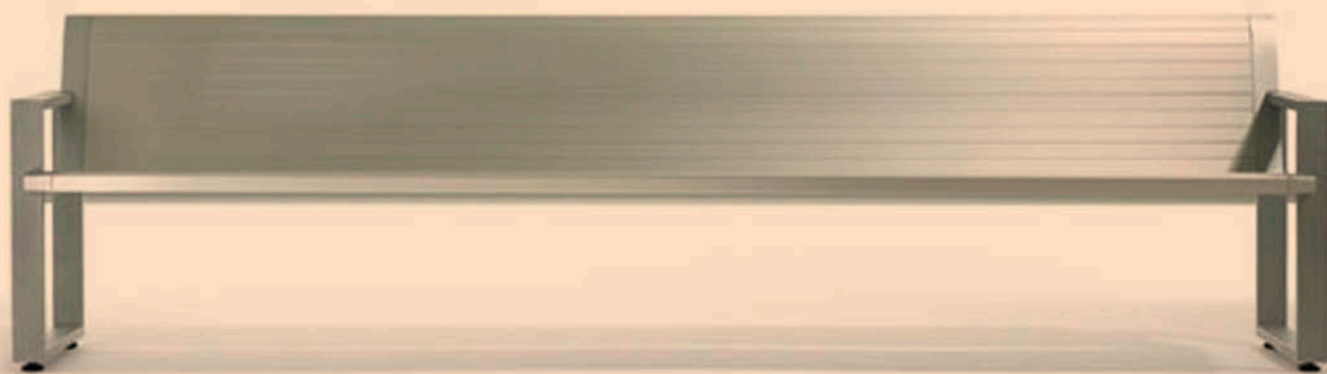
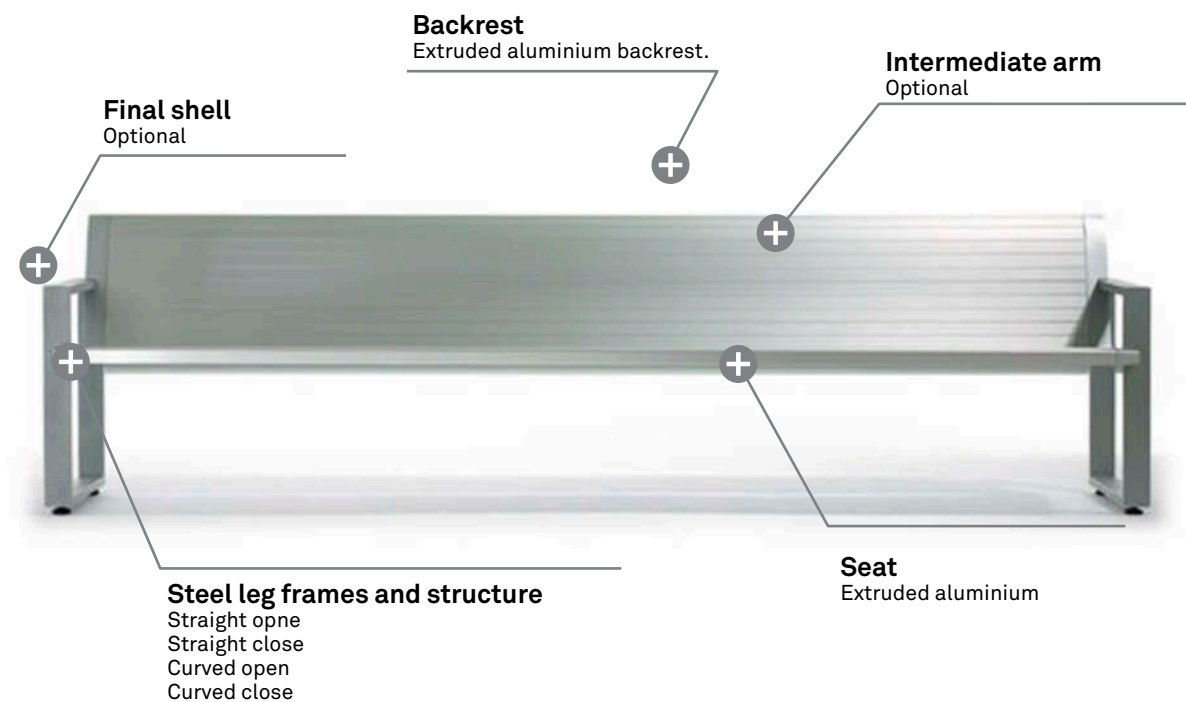



TECHNICAL FEATURES

RAIL SYSTEM



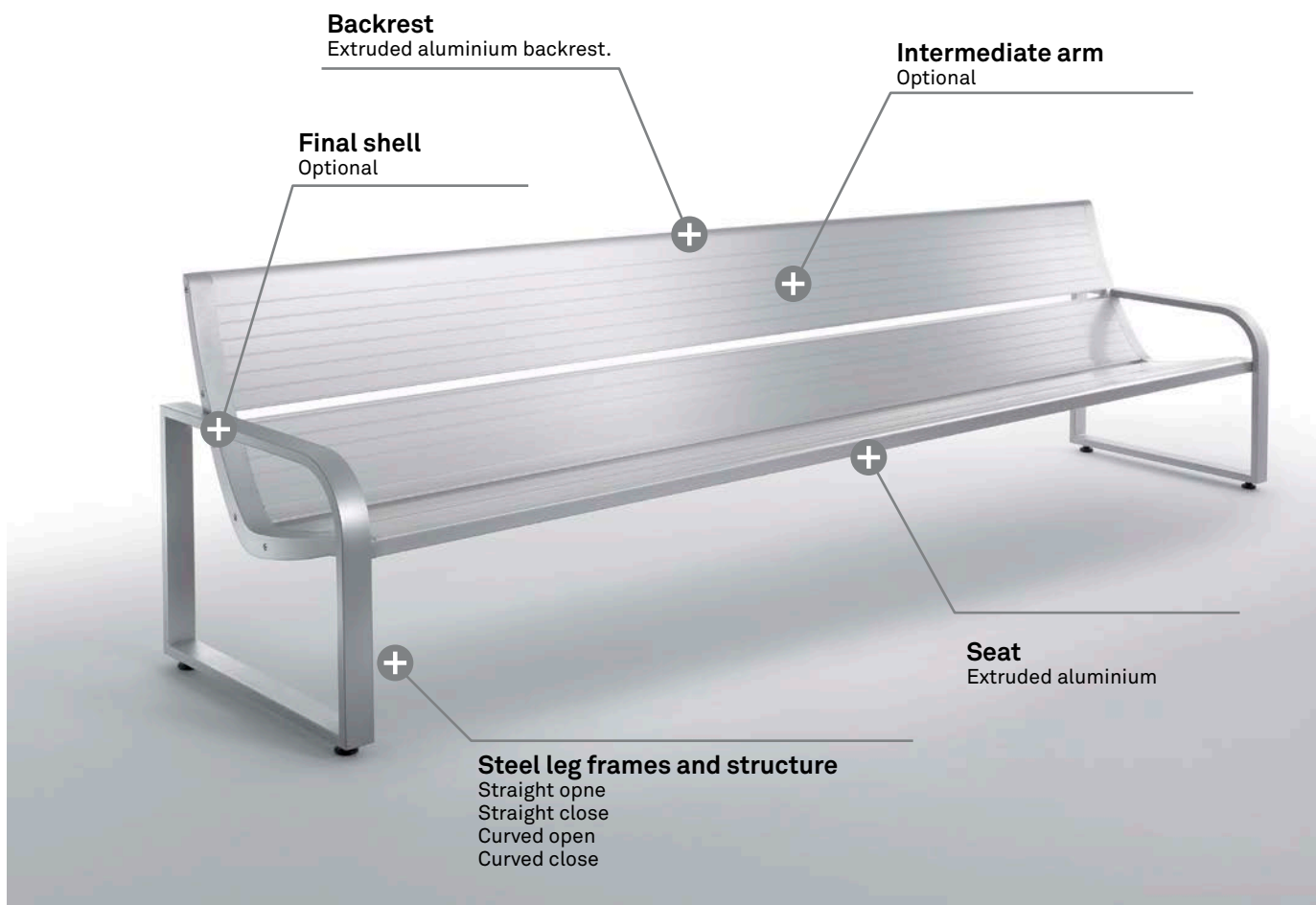


DIMENSIONS

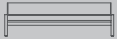
	 Low backrest					
Seats	1	2	3	4	5	6
Height	77,2 cm					
Seat height	42 cm					
Width	82	138	194	250	306	362
Depth	63,5 cm					
Weight	27,48	37,14	46,80	56,76	66,95	76,59

* These minimum and maximal dimensions depend on the chosen configuration. Ask for concrete values, if needed.

Dimensions in centimeters



DIMENSIONS

	 Hight backrest					
Seats	1	2	3	4	5	6
Height	90 cm					
Seat height	42 cm					
Width	82	138	194	250	306	362
Depth	76 cm					
Weight	31,79	43,85	55,93	68,38	80,72	92,43

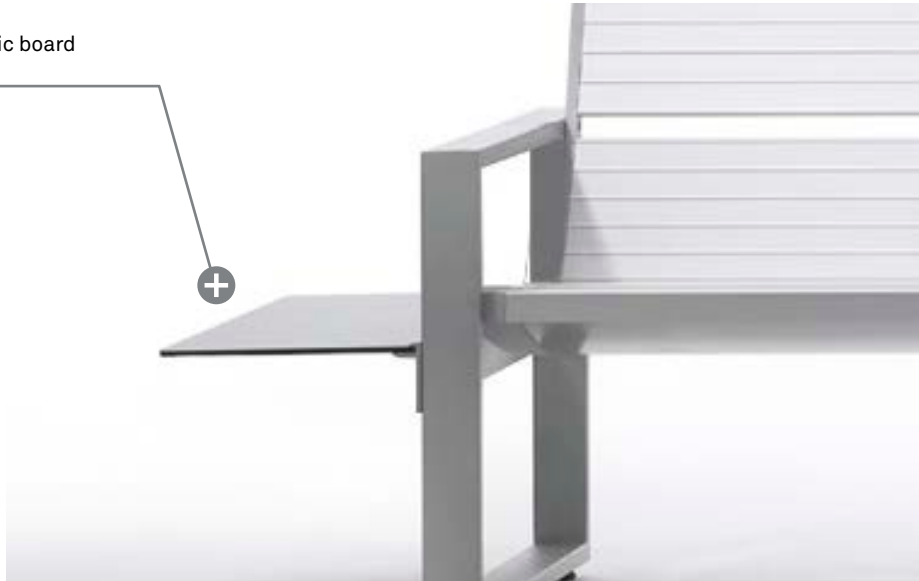
* These minimum and maximal dimensions depend on the chosen configuration. Ask for concrete values, if needed.

Dimensions in centimeters

SELVES AND CENTER TABLES

Shelf

12 mm thick phenolic board
Optional






Table

12 mm thick phenolic board or glass
top



DIMENSIONS

	 Shelf	 Center square table	 Center rectangular table
Height	38 cm	43 cm	43 cm
Width	32 cm	58 cm	140 cm
Depth	57 / 76 cm	58 cm	58 cm
Weight	6,20 kg	15,5 kg	34,35 kg

Dimensions in centimeters

ELEMENT DESCRIPTION

SEAT AND BACKREST

Extruded aluminum according to the UNE-38337-T5 terms. The backrest is available in 2 different heights. The high backrest is like the low backrest but adding an additional frame module to it.



Dossier bas



Dossier haut

LEG FRAMES AND STRUCTURE

60 x 25 x 2 mm rectangular calibrated steel bar. 5 types of optional leg frame: closed without arm, straight closed, straight open, curved closed and curved open. Polypropylene levellers for floor support.



Closed without arm



Straight open



Straight close



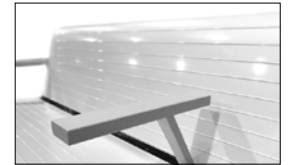
Curved open



Curved close

INTERMEDIATE ARMS

Optional intermediate arm, rectangular matching the leg frames. It comes from the fixing point between the seat and the backrest, providing a horizontal wide arm support. It is made of the same tube than the leg frames.



AUXILIARY TABLE

SHELVES: placed at the bench seating ends, shelves act as final tables. Available in 12 mm thick phenolic board.

CENTER TABLES: 2 types of center tables (square and rectangular) with rectangular closed structure and with 12 mm thick phenolic board top or glass top.



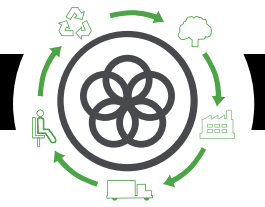
Shelf



Center table

PACKING

The bean seating are delivered in individual boxes, which protect them during the transport. The cardboard used is 100% recyclable.



Life Cycle Analysis

Rail System Program



RAW MATERIALS		
Raw Material	Kg	%
Steel	19,27 Kg	42%
Aluminium	26,52 Kg	58%

% Recycled materials= 52%
 % Recyclable materials= 99%

Ecodesign

Results reached during the life cycle stages



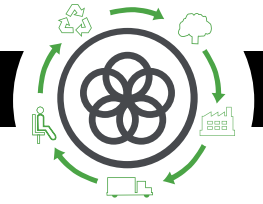
MATERIALS

Steel
 15%-99% recycled material.

Aluminium
 60% recycled material.

Paintings
 Powder 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.

Aluminium is 100% recycable.

Plastics are from 70 to 100% recyclable.

With no air or water pollution

while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 99%

CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR CLEANING AND MAINTENANCE, CONSIDERING THE DIFFERENT MATERIALS:

FABRICS

- 1 Vacuum often
- 2 Rub the dirty spot with a wet cloth with PH neutral soap.
Test first on a hidden spot.
- 3 Dry foam for carpets can be alternatively used.

METAL 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.

PLASTIC PIECES

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

Do not use abrasive products in any case.

LEGAL TERMS

CERTIFICATES

Forma 5 certifies that the Rail System program has passed all tests provided by our intern Quality Department, as well as the Technological Research Center (TECNALIA) with "satisfactory" results:

UNE-EN 11022-1-1992: "Tables for public and domestic use. Specification for performance requirements. Part 1: materials and superficial finishes."

Developped by JOSEP LLUSCÀ