

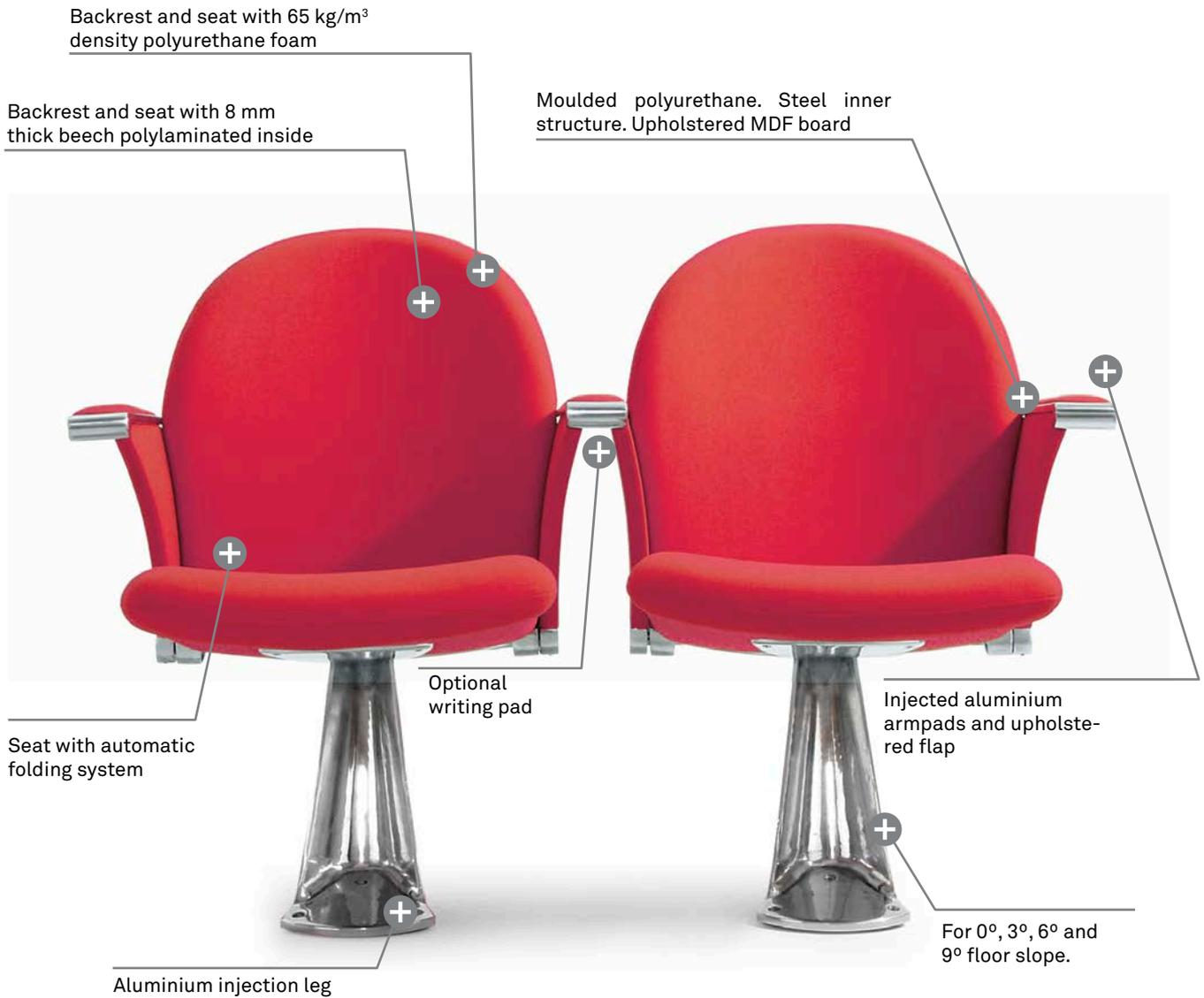
Forma 5

TECHNICAL FEATURES

MARLENE

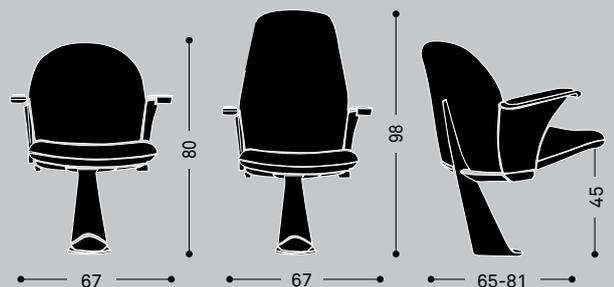


MARLENE AUDITORIUM ARMCHAIR | HIGH OR LOW BACKREST



DIMENSIONS

	Low backrest	High backrest
Height	80 cm	98 cm
Seat height	45 cm	45 cm
Width	67 cm	67 cm
Depth (opened/closed)	65/81 cm	65/81 cm
Fabric meters	1,75 m	2 m
Weight	18,03 kg	19,54 kg



Dimensions in centimeters

BACKREST AND SEAT

BACKREST: 8 mm thick beech poly laminated curved inner shell. 65 mm thick and 65 kg/m³ density polyurethane foam injected in a mould.

SEAT: 8 mm thick beech poly laminated curved inner shell. 65 mm thick and 65 kg/m³ density polyurethane foam injected in a mould. Folding system which returns the seat to the starting position after the use.



High backrest



Low backrest

STRUCTURE

Aluminium injected structure. Quasi-triangular section central pillar which supports the backrest and includes a cross plate to which the seat is fixed.



ARMS AND WRITING PAD

280 x 240 x 20 mm moulded high density polyurethane arms with steel inner structure and upholstered MDF board. Injected aluminium armpads and upholstered flap. Optional writing pad available with an aluminium injected mechanism between 2 arms and a phenolic board pad hidden between both arms.



UPHOLSTERY

Seat available for all the fabrics range of Forma 5, including a wide range of fabrics (wool, fireproof fabrics) and leathers. Backrest and seat available with the groups 3, 5 and Leather of Forma 5 fabrics. Consult fabrics brochure and Forma 5 Pricelist.

The Group 3 and 5 fabrics of Forma 5 are supplied by the manufacturer company Camira. Although our fabrics brochure includes a selection of the Camira fabrics, if the customer requires another specific, Forma 5 will upholster any of these products in any fabric from Camira catalogue.

PACKING

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



Life Cycle Analysis

MARLENE PROGRAM



RAW MATERIALS		
Raw Material	Kg	%
Steel	1,29 Kg	7%
Plastic	1,68 Kg	10%
Aluminium	6,39 Kg	37%
Wood	6,7 Kg	38 %
Uphols./Fulling	1,42 Kg	8 %

% Recycled materials= 25%
 % Recyclable materials= 82%

Ecodesign

Results reached during the life cycle stages



MATERIALS

Steel
 15%-99% recycled material.

Aluminium
 60% recycled material.

Plastic
 30%-40% recycled material.

Wood
 Woods with 70% recycled material and certified with PEFC/FSC and E1.

Staff material
 Without HCFC and certified by Okotext.

Upholsteries
 Without COV emissions and certified by Okotext.

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 94%

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.

PLASTIC PIECES

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

Do not use abrasive products in any case.

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 cotton cloth.