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# OMSI GREEN

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## INTRODUCTION

The time when stadia were elementary concrete structures configured to “crowd” as many spectators as possible, most of whom were standing, has now passed. In recent decades, the construction of sport facilities with only places to sit, has paved the way for a new approach to viewing the event, has ensured enormous improvements both in terms of safety of the facility and in the level of comfort of spectators, not only in VIP areas but also in the popular sectors.

**UEFA** and **FIFA** support initiatives to sustain and restore the environment by encouraging the design, construction and redevelopment of sustainable and eco-responsible facilities. The goals they set themselves are:

- reduce water consumption and waste production
- create more efficient energy systems
- encourage the use of public transport

To achieve these objectives, “green” strategies and initiatives such as eco-sustainable water, waste and furniture management systems should be adopted as soon as possible.

## A SUSTAINABLE STADIUM

The architecture of a “green” sports facility should adopt environmentally acceptable choices and design solutions before and during construction and throughout the life of the stadium or multipurpose hall

Many may argue that the cost of designing and building an environmentally friendly building outweighs the benefits, however, the audience of a “stadium” should be encouraged to take a positive and responsible attitude, including as many as possible principles of sustainability throughout the entire design process. Opposite to common perception, these initiatives do not always translate into higher costs; many simply require a more careful and aware process of creation and design.

The goal of the project team should be to include initiatives and proposals that:

- promote the rational use and recycling of natural resources, particularly water
- reduce general energy consumption
- reduce waste and carbon emissions
- introduce means of generating energy locally

This is why Omsi studied “A circular economy”.

The implementation of these measures will help reduce operating costs and overheads, giving the facility operator direct and long-term financial benefits.

The choice of materials, their manufacture, construction, maintenance, demolition and disposal has repercussions on both the environment and the health of users, therefore the recycling of materials should be actively encouraged.

Not only the materials are important, but also the means by which they were produced and purchased.

The responsible choice of building materials can have important environmental advantages, recycled or eco-friendly materials should always be preferred.

Once in operation, the stadium must have strategies and systems to manage the waste produced by users, the issue must be faced carefully both by the stadium operator, who should implement a system to separate organic waste from recyclable waste, and from the final recipient of the waste that is generated. It is important for stadia to have an overall plan for waste treatment and management. Waste has a major impact on the environment and therefore one should carefully think about which materials to use and correctly predict the impact of their disposal.

**Omsi can take over the dismantling and removal of the seats, in order to reuse them to produce new ones, these will be deactivated and prepared for future recycling; in the event that there are no technical times for the entire production chain, seats from other facilities can be used, making the waste plastic become a resource, all of this is a concrete application of CIRCULAR ECONOMY, with a 40% reduction of raw materials from the environment.**

## OMSI AND MAN-SUSTAINABLE ARCHITECTURE

The promotion of sustainable construction, based on the need to save energy, reduce emissions and respect the planet, has greatly influenced the way in which Omsi conceives the architecture and design of the seats to furnish sports facilities. We encourage sensitivity and design interpretation able to go beyond customer requests, providing added value to the project.

**Using an Omsi seat for your sports facility is definitely a choice today .... for TOMORROW.**





# OMSI TURNS YOUR PLASTIC WASTE INTO NEW RESOURCES



Complete circular economy



# ECO-FRIENDLY PRODUCTS

Seats manufactured with different production technologies, in copolymer polypropylene derived from differentiated waste from domestic and / or industrial collection; certified by ippr (institute for the promotion for recycling plastics) our recycled products guarantee maximum reliability and durability during their life cycle.



## LEONARDO GOLD *by pininfarina*

Unique Italian design developed from Pininfarina's extensive experience, the welcoming and harmonious. Curves are inspired by the lines that have distinguished the most exclusive luxury cars.

Complies with the latest FIFA / UEFA regulations and is FIBA homologated.

**DIMENSIONS:** width 690 (with double armrest), depth with closed seat 480 mm, depth with open seat 670 mm, seat width 500 mm, total height of the armchair 1220 mm.

### OPTIONAL:

- Headrest with 10-inch monitor
- USB
- Heated seat and back
- Cup holder
- Tablet / desk
- Tablet with monitor
- Underseat upholstered in the same color
- Fixed seat
- QR code

## LEONARDO SILVER *by pininfarina*

The Silver version is without headrest but with the same technical, quality and luxury features as the Gold version.

Complies with the latest FIFA / UEFA regulations and is FIBA homologated.

**DIMENSIONS:** width 650 (with double armrest), depth with closed seat 480 mm, depth with open seat 670 mm, seat width 460 mm, total height of the armchair 1000 mm.

### OPTIONAL:

- USB
- Heated seat and back
- Cup holder
- Tablet / desk
- Tablet with monitor
- Underseat upholstered in the same color
- Fixed seat
- QR code





### CARAVAGGIO *by pininfarina*

Aesthetically harmonious product, but also extremely comfortable and functional, characterized by simple and essential but at the same time refined lines, the perfect combination of comfort and luxury. Complies with the latest FIFA / UEFA.

#### DIMENSIONS:

Width 450 mm, overall dimensions with seat open 490 mm, overall dimensions with seat closed 200 mm, minimum distance between centers 450 mm

#### INSTALLATION POSSIBILITIES:

on beam, either fixed to the ground or riser mounted.

### M2016 - THE ONLY 10 CM THICK TIP-UP SEAT WORLDWILDE

Latest generation revolutionary tip up seat; thanks to its dimensions and its technical qualities, it can be placed in all areas of a stadium, even where the characteristics of the step do not allow the installation of folding seats, all this without compromising design, comfort and robustness. Complies with the latest FIFA / UEFA regulations and is FIBA homologated.

#### DIMENSIONS:

Width 450 mm, depth with seat closed 100 mm, seat height from 410 to 450 mm, overall dimensions with seat open 450 mm, center distance with common armrest min. 480 mm, center distance with 2 armrests min. 520 mm.

#### INSTALLATION POSSIBILITIES:

riser mounted, fixed on the corner of the step, self-standing, on beam.



*Fight pollution, sit on a green solution*







### M2013

Ideal seat for climatic zones with high degree of humidity or salinity, the supporting structure is in fact free from visible metal.

The main feature of the seat is the reduced size of the seat in the rest position.

Complies with the latest FIFA / UEFA regulations and is FIBA homologated.

**DIMENSIONS:**

Depth with seat at rest 150 mm; Depth with seat at rest with armrest 285 mm; depth with seat folded 500 mm; width 480 mm.

**INSTALLATION POSSIBILITIES:**

riser mounted, on beam.

### M2012

Folding seat composed of a supporting structure in robust, anticorrosion and recycled polyamide, seat and back made of recycled copolymer polypropylene.

Complies with the latest FIFA / UEFA regulations and is FIBA homologated.

**DIMENSIONS:**

Depth with seat at rest 300 mm; depth with seat folded 490 mm; width 470 mm.

**INSTALLATION POSSIBILITIES:**

riser mounted, on beam.



### M2020

Design bucket seat, characterized by harmonious lines, modern ergonomics and a double high back, it is composed of a solid base with transverse / longitudinal reinforcement ribs.

Complies with the latest FIFA / UEFA regulations.

**DIMENSIONS:**

depth **320/350/400/450** mm; width 420 mm; back height 330 mm

**INSTALLATION POSSIBILITIES:**

directly on steps, riser mounted on polyamide or metal bracket, on beam.





### M2000

The strength of the seat is guaranteed by thicknesses of up to 20 mm and which make it the most resistant bucket seat on the market, without sacrificing comfort.

Complies with the latest FIFA / UEFA regulations.

2/4/6 fixing points.

#### DIMENSIONS:

altezza schienale 320 mm; profondità 400 mm; larghezza 420 mm.

#### INSTALLATION POSSIBILITIES:

directly on steps, riser mounted on polyamide or metal bracket, on beam.

### M90

Bucket seat without backrest, its shape allows the user to enjoy the sporting event in comfort, without sacrificing solidity and robustness thanks to the n. 2 fixing points and numerous under-seat ribs.

#### DIMENSIONS:

height 110 mm; depth 350 mm; width 400 mm

#### INSTALLATION POSSIBILITIES:

directly on steps, riser mounted on polyamide or metal bracket, on beam.



### RISER MOUNTED POLYAMIDE BRACKET

The riser mounted polyamide bracket was created to give an alternative or even replace the metal structure for supporting the seats; in fact, recycled polyamide, loaded with glass fiber, has the characteristic of being anti-corrosion and extremely robust. Its versatility allows it to be compatible with all OMSI products; the simple and clean line goes perfectly with any seat.

**DIMENSIONS:** depth 310 mm; width 340 mm.

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