



TECHNICAL SHEET



M2027

Fight pollution, sit on a green solution



M2027
GP General Public



M2027
GENERAL
PUBLIC

TECHNICAL DESCRIPTION

M2027

M2027
GP

General Public

The model M2027 OMSI is a folding seat thought and designed for its use in sports facilities worldwide.

Tip-up seat which meets FIFA 2030 and UEFA CAF recommendations and approved by FIBA; it complies with the European standard EN 13200-1-4; tested by the largest Italian institute for research and testing in the wood-furniture sector according to European standard EN 12727: 2017 (level 4 - severe).

The structure is made of fire-resistant glass fiber reinforced polyamide (manufactured with injection technology), stiffening ribs placed inside the bearing structure provide a strength equal to a steel structure. The wraparound shape of the seat and backrest in polypropylene (manufactured with injection technology) applied on the structure and fixed to the support by means of blind rivets (4,8x12 head 16 with seal breaking load in traction of 3050 N and a load of shear failure of 2150 N.) make the whole chair extremely resistant to vandalism, particularly resistant to vandalism with no visible screws.

The characteristics of polyamide make the M2027 also particularly suitable for areas with high humidity and salt concentration.

The two sides are connected by a central pin in a compact and homogeneous monolithic structure particularly resistant; the rotation of the seat takes place around the pin, the mechanisms, remain covered and protected and meet the safety standards set by EU standards UNI EN 13857 (accessible parts in motion), preventing a possible squeezing of the hands during rotation. The seat folding occurs by gravity, throughout a counterweight not visible and not accessible as it is situated in an appropriate closed compartment.

Dimensions: width 480 mm, depth with seat folded 300 mm, depth with seat open 520 mm, min. centre-to-centre distance 480 mm.

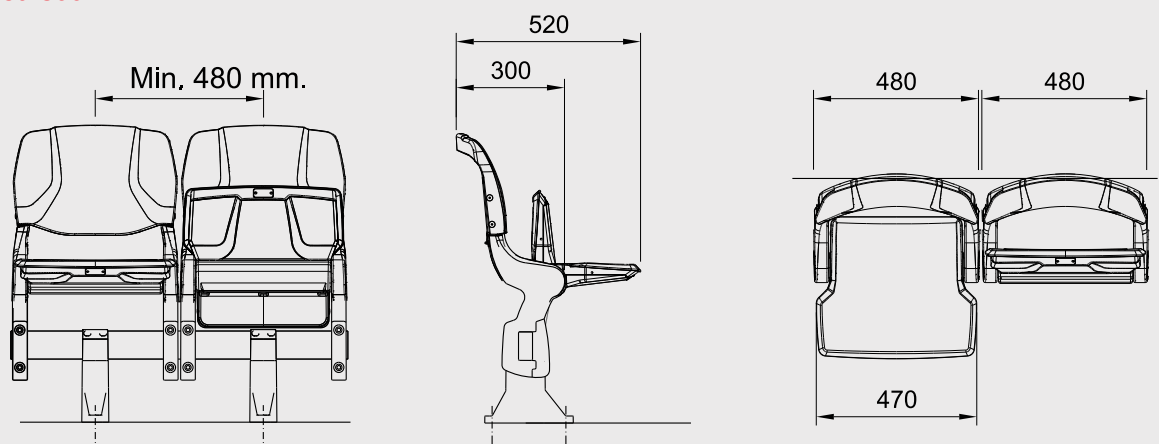
The aluminium numbered plate measures 55x30 mm, is located in a slot at the top of the seat, for easy viewing from the bottom going up the steps. On the lateral sides was also created a space for housing the row numbering on a circular aluminum plate diameter of 80 mm so as to make the search of the row simple and clear.

Everything is secured by rivets 3,2x7 to stick to the anti-vandalism features.

Installations possibilities:

- 1) The supporting structure is fixed on the front of the step by means of n. 4 expansion bolts M8 x 90 mm (composed of the anchor, washer and nut M8 Ø24 mm) that offer extreme anti-vandal tightness.
- 2) The structure is clamped onto the steel beam single or 2/3/4/5 seater, which is secured to a vertical polyamide support with 4 threading screws. Steel parts have cathaphoresis finishing and painting (in accordance with ISO 9227) or are hot dip galvanized (in accordance with EN 1461).
- 3) On single fixed pedestal or single swivel pedestal (ideal for journalists and companions of disabled people)
- 4) On single pedestal or beam with polyamide vertical support

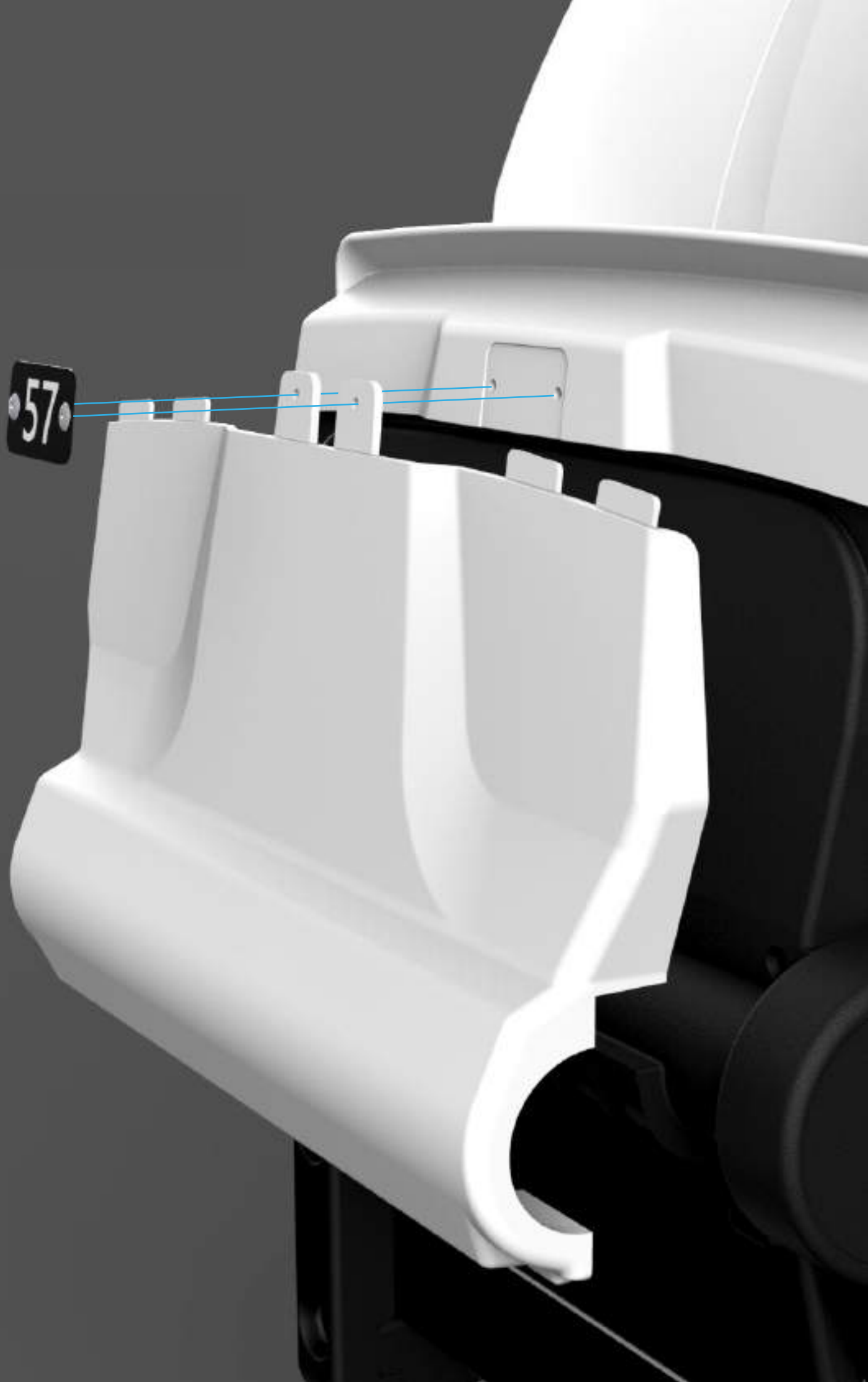
FIFA Recommended 500 mm





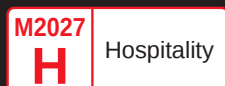


57

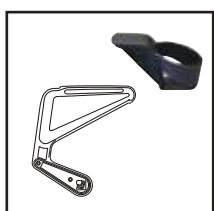


28

FOR INFORMATION ONLY
NOT TO BE USED
FOR IDENTIFICATION
OF THE PRODUCT

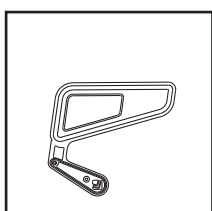


ARMREST TYPOLOGIES FOR M2027 SEAT



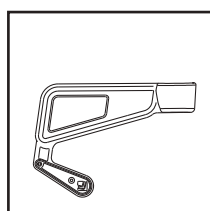
BK-1

PA fixed armrest with the possibility of adding a cup holder



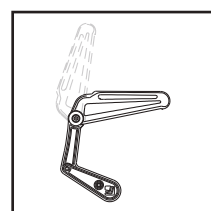
BK-L1

Polyurethane "Large" armrest



BK-L1PB

Polyurethane "Large" armrest with cup holder



BK-P1

PA folding armrest

M2027 HOSPITALITY

TECHNICAL DESCRIPTION

M2027



The model M2027 OMSI is a folding seat thought and designed for its use in sports facilities worldwide.

Tip-up seat which meets FIFA 2030 and UEFA CAF recommendations and approved by FIBA; it complies with the European standard EN 13200-1-4; tested by the largest Italian institute for research and testing in the wood-furniture sector according to European standard EN 12727: 2017 (level 4 - severe).

The structure is made of fire-resistant glass fiber reinforced polyamide (manufactured with injection technology), stiffening ribs placed inside the bearing structure provide a strength equal to a steel structure. The wraparound shape of the seat and backrest in polypropylene (manufactured with injection technology) applied on the structure and fixed to the support by means of blind rivets (4,8x12 head 16 with seal breaking load in traction of 3050 N and a load of shear failure of 2150 N.) make the whole chair extremely resistant to vandalism, particularly resistant to vandalism with no visible screws.

The characteristics of polyamide make the M2027 also particularly suitable for areas with high humidity and salt concentration.

The two sides are connected by a central pin in a compact and homogeneous monolithic structure particularly resistant; the rotation of the seat takes place around the pin, the mechanisms, remain covered and protected and meet the safety standards set by EU standards UNI EN 13857 (accessible parts in motion), preventing a possible squeezing of the hands during rotation. The seat folding occurs by gravity, throughout a counterweight not visible and not accessible as it is situated in an appropriate closed compartment.

Dimensions: width 480 mm, depth with seat folded 300 mm, depth with seat open 520 mm, min. centre-to-centre distance 520 mm.

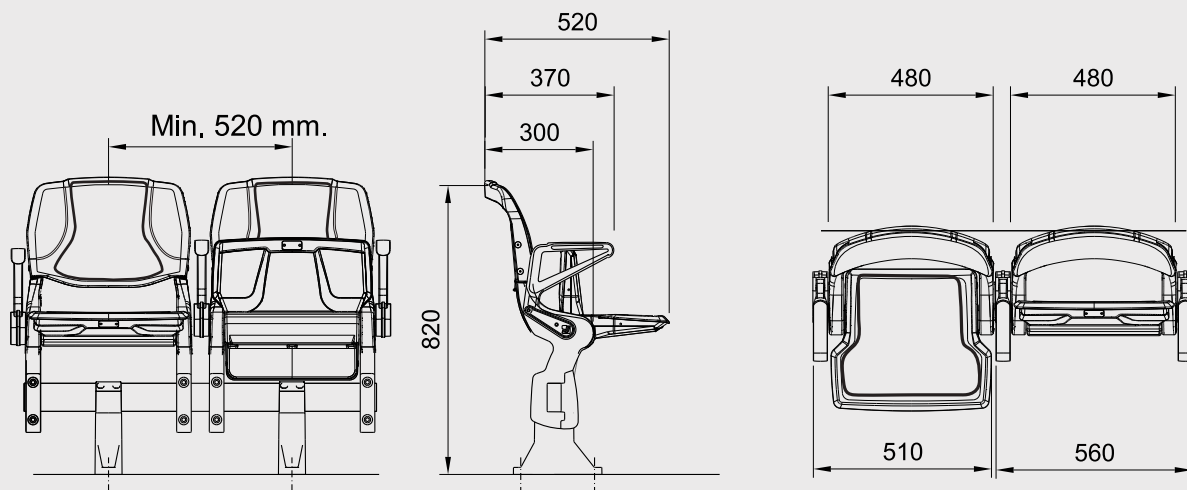
The aluminium numbered plate measures 55x30 mm, is located in a slot at the top of the seat, for easy viewing from the bottom going up the steps. On the lateral sides was also created a space for housing the row numbering on a circular aluminum plate diameter of 80 mm so as to make the search of the row simple and clear.

Everything is secured by rivets 3,2x7 to stick to the anti-vandalism features.

Installations possibilities:

- 1) The supporting structure is fixed on the front of the step by means of n. 4 expansion bolts M8 x 90 mm (composed of the anchor, washer and nut M8 Ø24 mm) that offer extreme anti-vandal tightness.
- 2) The structure is clamped onto the steel beam single or 2/3/4/5 seater, which is secured to a vertical polyamide support with 4 threading screws. Steel parts have cathaphoresis finishing and painting (in accordance with ISO 9227) or are hot dip galvanized (in accordance with EN 1461).
- 3) On single fixed pedestal or single swivel pedestal (ideal for journalists and companions of disabled people)
- 4) On single pedestal or beam with polyamide vertical support

The “Hospitality” version has a configuration with padded panels fixed directly on the plastic of the seat by means of screws. The particular nature of the used materials such as polypropylene for the structure of the panel, polyurethane foam (foam rubber) for padding, imitation leather for coverings and stainless steel for the fastening screws, make the whole set suitable for outdoor use. It can be customized with the adoption of different colours and the embroidering of logos and/or writings.



COLOURS M2027

STANDARD COLOURS:



F0001



R3002



R7004



R5017



R6001



R1021



F0009

NON-STANDARD COLOURS AT LEAST 500 PCS:



WITHE
R9003
R9010



BEIGE
R1001
R8000



YELLOW
R1034



ORANGE
F0004
R2009
R2003



RED
R3001
R3004
R3020



GREEN
R6032
R6018
R6026
R6004
R6024



LIGHT BLUE
P283C



BLUE
R5002
R5012
R5013
R5014
R5024



GREY
P428C
R7004
R7035
R7037
R7040
R7016
R7022



BORDEAUX
P504C



BROWN
R8019



OTHER
COLOURS



OMSI
SEATING FOR BIG EVENTS

Fight pollution, sit on a green solution

Via Parini, 3 - 40069 Zola Predosa (BO) Italy
Tel. +39 051 6164311

www.omsit.it