ONIK VIP

| Technical specifications

› Structure
· Made of tubular and sheet steel, continuous wire arc welding.

› Polyurethane foam
· Seat density: 60-65 kg/m3
· Backrest density: 50-55 kg/m3

› Zinc-plating (optional)
· Thickness: 6-12 microns.
· Following UNE EN 12329 (discontinuous) and PNE-Pr EN 10152 (continuous)

› Paint
· Electrostatic powder coating of polyester.
· Coating thickness: 70-80 microns.
· Adhesion to the grid according to UNE-EN ISO 2409: 100%.

› Polypropylene
· Material: Polypropylene Copolymer 15% FV.
· Tensile strength in accordance with ISO 527-2: 26 Mpa.
· Elasticity module in accordance with ISO 527-2: 1250 Mpa.

› Upholstery
· Reaction to fire standards:
- Spain: UNE-EN 1021 Parts 1 and 2.
- France: NF D 60-013.
- Italy: UNI 9175 Class 1. IM.
- Germany: DIN 66084.
- USA: CAL 117.

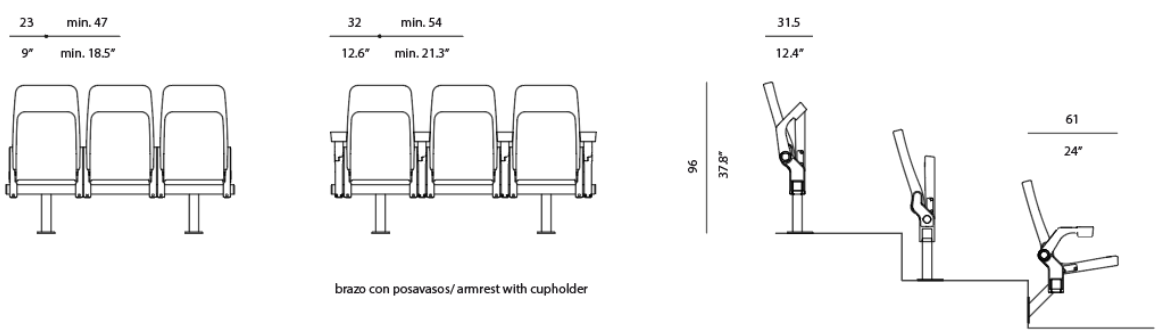
› Fire resistance
· BS 5852. Clause 11. Ignition sources 0, 1 and 5 (with approved fabric). Only for indoor or semi-outdoor use.
· USA: CAL T.B. 133 (with approved fabric).

› Classification of resistance and durability
· UNE-EN 12727 Level 4 (Severe use).

› Certifications:
· Product designed according to the Ecodesign standard UNE-EN ISO 14006.
· Regarding environmental management, the product has been evaluated using the Life Cycle Assessment (LCA) methodology, following UNE-EN ISO 14040, UNE-EN ISO 14044, and the Type III declaration according to UNE-EN ISO 14025.

| Overall dimensions

› Overall dimensions (fixed seats)



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| General Description

· Folding seat with controlled lift technology, featuring a fully upholstered seat and backrest. It stands out for its exceptional performance, durability, and great versatility, making it suitable for indoor and semi-outdoor use.

› Seat-backrest assemblies

· The seat and backrest assembly folds automatically and is mounted on a bar.

· The seat assemblies and specified accessories are mounted on a rectangular steel profile of 6 x 6 cm, with a 3 mm or 4 mm thickness, depending on the number of seats per profile. This profile is installed horizontally on supports that are fixed at regular intervals, with a spacing of 2 to 3 seats. The supports must be anchored to the floor or riser with appropriate screws for each type of surface, as indicated in the installation plans. Both the profile and the supports can be finished with paint or a white zinc coating.

· The seat and backrest consist of a compact monoblock of cold-molded polyurethane foam, which completely covers a metal structure. This structure consists of a curved tube frame, a network of flat springs, and articulation pivots for rotation. The unit is covered with an easily replaceable upholstery cover, equipped with a zipper system.

· This molding system, using molds, allows both the backrest and seat to achieve optimal anatomical shapes, providing great comfort to the user.

· The seat return is automatic thanks to a double hinge system with springs and Controlled Soft Rise Technology (CSRT), which prevents noise or unpleasant impacts when the seat returns to its resting position.

· Certification through mechanical strength testing of the finished product, following the UNE-EN 12727 standard, Level 4: Severe Use. This involves a static load test on the seat of 2000 N for a total of 10 cycles, and a dynamic fatigue test with a load of 1000 N applied for a total of 200,000 cycles.

› Supports

· The structural parts are injection molded from polyamide with glass fiber reinforcement to connect the seat and backrest components into a single unit. Each seat and backrest component has a support on each side, making each seat-backrest set independent from the others. These supports extend below the seat to form a clamp, securing the assembly to the horizontal crossbeam. The clamp is fixed with a single screw, making installation. easier.

· Each support contains a steel axis that allows independent rotation of the seat and fixation points for the backrest. These supports allow the backrest angle to be adjusted, adapting to the user's needs based on the seat's location in the tier. This variation in the backrest angle provides greater comfort to users in higher tiers, ensuring an optimal sitting position.

· The outer face of the supports features covers, moulded in polypropylene copolymer, with the same colour and texture as the supports. These covers are attached without any screws or visible joints. Additionally, they include a designated space for row numbering.

› Armrests

· The seat can optionally include an armrest with a cup holder. These armrests are foldable and made of injection-molded thermoplastic. The upper part of the armrest can be upholstered with the same fabric as the seats and backrests. The armrest's rotation and fixing mechanism is made of steel and is independently fixed to the 6x6 cm steel profile.

· The armrest includes a 10 cm diameter cup holder and a third piece at the top that serves as a lid, which can also be optionally upholstered. When folded, the armrest occupies minimal space, allowing for easy passage and adaptation to specific systems.

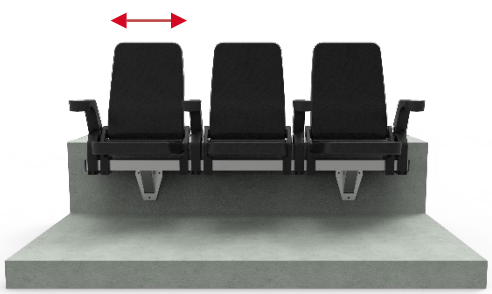
· The armrests can be shared between two seats or be individual, with two per seat.

· Seat assemblies can be mounted with an axis spacing of 54 cm when armrests are included.
· The height of the folded backrest is 96 cm from the floor.
· In a side view, in the folded position (unoccupied), it occupies only 31 cm with the armrest folded down.

› Structure

· Each seat module is individually fixed to a 6 x 6 cm steel profile. It is attached using the flange-shaped side brackets on the underside, with a single screw for each bracket.

· The feet or floor anchoring elements are attached to the steel profile at intervals of 2 or 3 seats, depending on the axis spacing. These are bolted to the profile using a steel clamp, providing greater flexibility during assembly.



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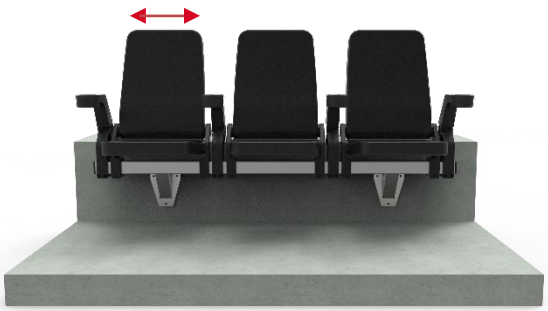
› Flexibility

· This seat is easily interchangeable, as the backrest and seat assembly are attached to the bar with only two screws, allowing for easy replacement or redistribution. Additional components, such as the foldable armrest with cup holder, being independent of the seat assembly, maintain the same flexibility for movement or replacement.

· This flexibility allows for quick assembly and facilitates adjusting the spacing between seats.



· The seat features an elegant appearance and a spacious design, thanks to its compact structure and foldable armrests, which allow for reduced dimensions when folded. This facilitates both evacuation in the venue and its installation in telescopic tribunes with reduced platform height.

' Enhanced comfort

· The ONIK VIP model has larger dimensions than the ONIK model, with a higher backrest.

ZONA GENERAL ZONA VIP

› Ergonomic design

· Maximum adaptation to body shape to ensure optimal comfort.

· Prior anthropometric study, considering percentiles and volumetric variations of different profiles of potential users.

ZONA GENERAL

ZONA VIP

| Materials and finishes

› Characteristics of the metallic parts

· The steel complies with the following European standards:
- Tubing up to 2mm thick: Alloy designation in accordance with UNE-EN 10305 part 3: E-220.
- Tubing more than 2mm thick: Alloy designation S275JR
- Sheet metal: alloy designation in accordance with EN 10111: DD12.

› Protection and painting of the metallic parts (telescopic stands)

· Prior to the coating with powdered paint, the metallic parts are treated with a three-stage non-acidic cleaning process to achieve superior finish adhesion. The thermosetting polyester powder coating finish must be applied by electrostatic means with a minimum thickness of 70-80 microns.

· After the coating, the parts must be oven-cured to create a long-lasting finish that meets the following requirements:
- Composition: Polyester powder suitable for outdoor use.
- Cross Cut Adhesion Test in accordance with UNE-EN ISO 2409 classification GT 0-1.
- Scratch resistance in accordance with ISO 15184:98 Level HB-H.
- Total thickness: 70-80 Microns.
- Oxidation resistance (NSS), in accordance with ISO 9220: 200 h.
- Resistance to MEK 50 double rubbing without paint stripping.

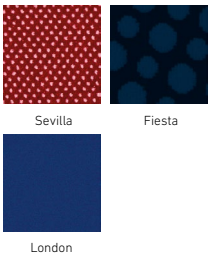
› Characteristics of the plastic parts

· Moulded side seams made of polyamide with a glass fibre reinforcement. Highly durable pigmented coloured plastic. The pigment of the plastic components must be chosen from the Figueras standard offer.

› Upholstery

Comfort:

Elegance:



Tech:

(*) Fabric/print samples by collection. Contact our team for available colors.

› Pigments for plastic parts

› Pigments for metallic parts (telescopic stands)