



Megaseat 9113

Technical specifications

› Structure

- Made of tube and steel plate arc welding with continuous wire.

› Polyurethane foam

- Seat density: 60-65Kg/m³.
- Backrest density: 50-55Kg/m³.

› Paint

- Electrostatic powder polyester paint.
- Paint Thickness: 70-80 microns.
- Grid adhesion according to UNE-EN ISO 2409 : 100%.

› 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 TB117.

› Polypropylene

- Material: Polypropylene Copolymer IF-727.
- Tensile strength according to ISO 527-2: 26 Mpa.
- Elasticity module according to ISO 527-2: 1250 Mpa.

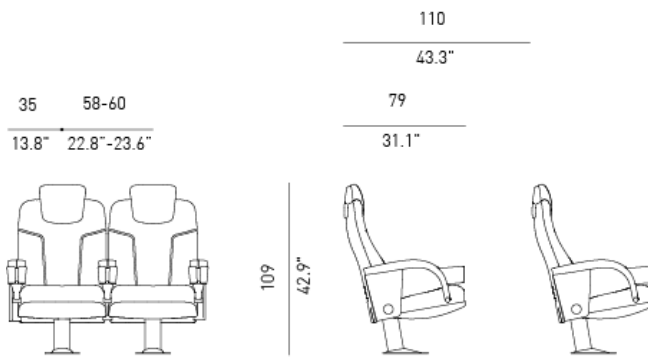
› Fire resistance

- BS 5852. Clause 12. Ignition sources 0,1 and 5. (with approved fabric).
- USA: CAL T.B. 133 (with approved fabric).

› Resistance and durability classification

- UNE-EN 12727 Level 4 (Severe use).

General dimensions



Megaseat 9113

However, for the purpose of facilitating to the customer the latest novelties, FIGUERAS reserves the right to introduce the modifications and variations that it considers most appropriate and suitable for marketing its products.

General Description

› Modular seat composed of totally interchangeable elements and large dimensions.



· The minimum distance between axes is 58 cm. of nominal value. This distance is not achieved by incorporating wider arms or supplements between the seats, but by increasing the dimensions of the seat and backrest, which means that the real width of the backrest is 56 cm, a size that provides a high level of comfort.

· The seat and backrest are made up of moulded polyurethane foam blocks, with a metal interior structure and upholstery fully integrated into the foam by means of the Integral Form system, without seams or stitching, which guarantees an exact piece to the original in the event of replacement.

· Between the upholstery and the foam, both in the seat and in the backrest, a fire-resistant curtain - TS System - can be incorporated to prevent the fire from penetrating into the foam, delaying the emission of toxic gases and the spread of flames. The backrest cushion is anatomically shaped with vertical and horizontal channels for improved comfort.

· The seat cushion is anatomically shaped and smooth, without any channel or groove to prevent the accumulation of dirt.



· The seat and backrest are fitted with fully washable polypropylene seat shells at the bottom and back, which prevent any rubbing or dirt on the upholstery on the back. The seat is fixed to the ground.

· The seat is assembled on a central foot attached to an internal union bridge that interconnects the different seats and allows the formation of totally rigid and stable rows. The feet are made of tubular steel structure finished in black or grey polyester paint. They are fixed to the ground with suitable plugs. The seat adapts to the specific room slope at the base of the foot.



· The arms are made of semi-rigid polyurethane foam, with an internal metal structure, incorporating an integrated cup holder in a compact, one-piece system.



· The backrest may incorporate a piece of upholstery in its upper back and the seat may also be fully upholstered.

· The backrest can also be made in with a HR finishing. This headrest system provides a clear ergonomic advantage by becoming a natural extension of the backrest, not an accessory element added to it.

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Materials and finishes

› Metal Parts Features

- The steel complies with the following European standards:
 - Tube up to 2mm thick: Alloy designation according to UNE-EN 10305 part 3: E-220.
 - Tube more than 2 mm thick: Alloy designation S275JR.
 - Plate: alloy designation according to EN 10111: DD12.

› Protection and Paint of Metal Parts

- Prior to powder coating, metal parts are treated with a three stage, non-acidic cleaning process to achieve superior finish adhesion. The finishing of the thermosetting polyester powder coating must be applied by electrostatic means with a minimum thickness of 70-80microns.
 - After coating, the parts must be oven cured to create a durable finishing that meets the following requirements:
 - Composition: Polyester powder suitable for outdoor use.
 - Cross Cut Test Adhesion according to UNE-EN ISO 2409 classification GT 0-1.
 - Scratch resistance according to ISO 15184:98 Level HB-H.
 - Total thickness: 70-80Microns.
 - Rust resistance (NSS), according to ISO 9220: 200 h.
 - Resistance to MEK 50 double rubs without paint stripping.

› Plastic parts features

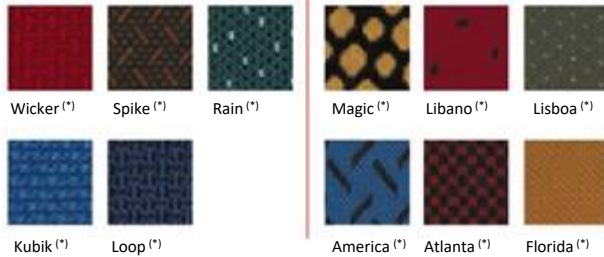
- High pressure injection moulded seat and backrest shells made of high impact copolymer polypropylene. High durability pigmented coloured plastic with textured exposed surface.

› Upholstery

• Integral Form / Traditional

• Group A:

Figueras Fabrics®



• Only Traditional

• Group A:

Figueras Fabrics®



(*) Fabric sample / printed by collection. Check colours available.

(*) Quotation for traditional upholstery upon request.

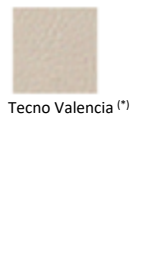
› Seat and Backrest Cushions Features

- The seat and backrest cushions are made of cold moulded polyurethane foam.
 - In the inside, both include metallic tube structures and steel plates, with springs. This system guarantees great comfort and avoids the appearance of deformations in the foams, even after an intensive use.
 - The headrest (optional) is also made of cold molded foam.
 - The upholstery is made with the Integral Form system, forming a single element with polyurethane foam and metal structure. This avoids the appearance of wrinkles, even in intensive uses. It can also be handmade according to the type of upholstery.
 - This allows the seat to be customized according to the project's requirements.
 - Optionally, a fire barrier can be incorporated between the upholstery and the PUR foam.
 - They comply with all international fire behaviour requirements.
 - Seat foam density 60-65: kg/m³.
 - Backrest foam density: 50-55kg/m³.

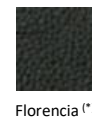
• Group B:



• Group V:



• Group L:



› Plastic Parts Pigments



› Tecnowood finishes for plastic parts



Ask our team for further available options