



Megaseat 9106

Technical specifications

› Structure

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

› 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.

› Polyurethane foam

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

› Polypropylene

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

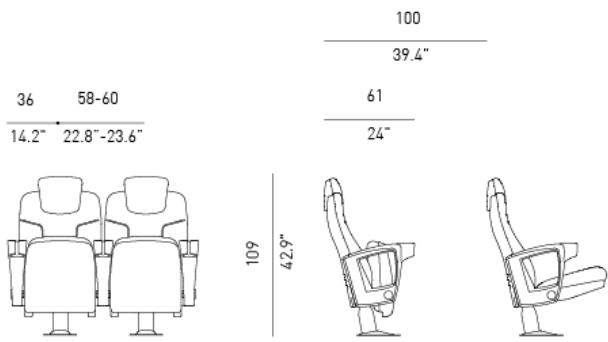
› Fire resistance

- 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



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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 of large dimensions composed of fully interchangeable elements
- The minimum wheelbase is 58 cm of nominal value. This distance is not achieved by adding wider arms or supplements between the seats, but by increasing the dimensions of the seat and backrest, so that the real width for the backrest is 56 cm, a measure that provides a high level of comfort.
- The seat and backrest are made 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. The Integral Form system guarantees an exact piece to the original in case of replacement.

- The seat is automatically folded by means of a double spring system inserted inside the seat bucket (tested at 100,000 cycles), without the need for any type of lubrication and extremely silent.
- The seat is mounted on a central foot attached to an internal connecting bridge that interconnects the different seats and allows the formation of totally rigid and stable rows. The feet are made of tubular steel structure and are finished in black or grey polyester paint. They are fixed to the ground by means of a suitable anchorage.



- Between the upholstery and the foam, both in the seat and in the backrest, a fire 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. The seat cushion is anatomically shaped and smooth, without any canal or regatta to avoid dirt accumulation.
- The seat and backrest are protected by fully washable polypropylene trays that protect the upholstery on the back.

- The seat adapts to the specific slope of the room at the base of the foot. The rows are formed by interconnected backrests and allow the formation of totally rigid and stable rows, reinforcing the fixation to the floor.
- The arms are made of semi-rigid polyurethane foam, with an internal metal structure, incorporating an integrated coaster in a compact, one-piece form.



- The backrest can also be made with HR finishing. This type of backrest is equipped with a headrest that is integrated into the whole backrest, i.e. it's not added to the backrest but is part of it. This headrest system provides a clear ergonomic advantage as it becomes a natural extension of the backrest, not an accessory element added to it.

- Both seat and backrest incorporate the TX acoustic system, a set of holes in the back for excellent acoustic response. Optionally, the backrest can incorporate a piece of upholstery in its upper back. The seat can optionally be fully upholstered and not lose any of its acoustic properties.

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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.

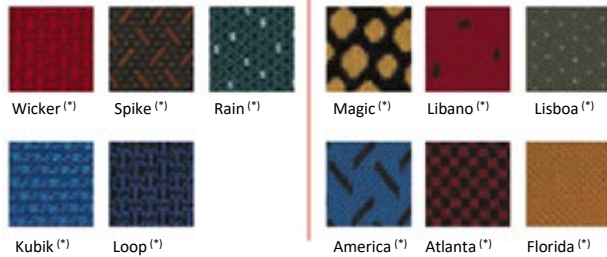
› Plastic parts features

- 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.

› Pigments for plastic parts



› 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 is also made of cold molded foam.
 - The upholstery is made with an Integral Form system, creating a unique element with polyurethane foam and metal structure. This avoids the appearance of wrinkles, even in intensive uses. It may also be handmade depending on the type of upholstery.
 - This allows the seat to be customized according to each 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.

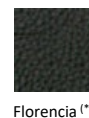
- Group B:



- Group V:



- Group L:



› Tecnowood finishes for plastic parts

