



Megaseat 9036

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.

Leather

- Adhesion to finish according UNE-EN ISO 11644: >2.5 N/cm²
- Resistance to rubbing according UNE-EN ISO 11640: (Dry, 1.000 Cycles) >4

Polypropylene

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

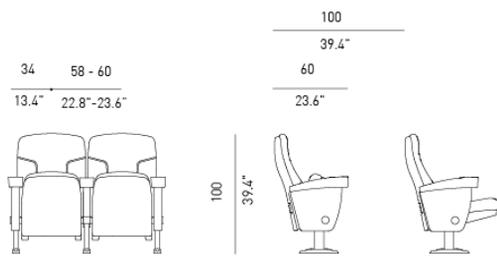
Fire resistance

- BS 5852. Clause12. Ignition sources 0,1 and 5. (with approved fabric).
- USA:CAL T.B. 133 (with approved fabric).

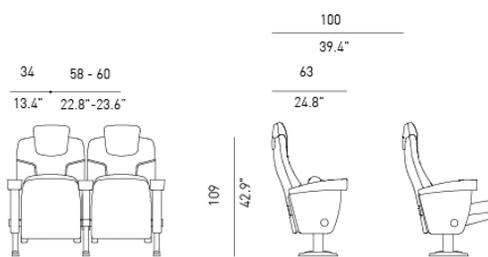
Resistance and durability classification

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

General dimensions



Megaseat 9036



Megaseat 9036 HR

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.

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General description

- Generously sized modular seat composed of fully interchangeable parts.
- The seat and backrest are composed of blocks of moulded polyurethane foam with an internal metal structure and upholstery that is completely joined to the foam by means of the Integral Form system, with no seams or stitching. The Integral Form system helps ensure that an identical piece can be obtained if a replacement is required.



- A TS System fire curtain can be incorporated between the foam and the upholstery on both the seat and the backrest to prevent fire from reaching the foam, thus delaying the emission of toxic gases and the spread of flames.
- The backrest padding is anatomically designed and features vertical and horizontal grooves. It has a smooth, anatomical form, and is free from grooves to prevent a build-up of dirt.



- The seat and backrest upholstery is protected by completely washable polypropylene shells.

- The seat folds up automatically by means of an extremely quiet double-spring system inside the seat shell (tested to 100,000 cycles) that requires no lubrication of any kind.



- The seat is mounted on two metal pedestals with an integrated ball-and-socket joint housing system (with locking mechanism) that is connected to the seat axis and allows the seat to be easily replaced without any need to dismantle it.
- The seat adapts to the specific slope of the room through the base of the pedestal. Rows are formed through interconnected backrests, thereby creating completely rigid and stable rows and ensuring that they are properly anchored to the floor.
- The armrests are made of semi-rigid polyurethane foam with an internal metal structure and include a compact built-in cupholder, in a single piece.



- Optionally, an upholstered section can be incorporated into the upper rear part of the backrest or the seat can be fully upholstered. The backrest can also be finished in HR.

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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 ®



- Group B:



- Group V:



• Only Traditional

- Group A:
Figueras Fabrics ®



- Group L:



- Group L MTM:



(*) 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 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 personalised 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.

› Pigments for plastic parts



› Tecnowood finishes for plastic parts

