



Megaseat 8136



Megaseat 8132

## Technical Specifications

### Structure

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

### Polyurethane foam

- Seat density: 60-65Kg/m<sup>3</sup>.
- Backrest density: 50-55Kg/m<sup>3</sup>.

### 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.

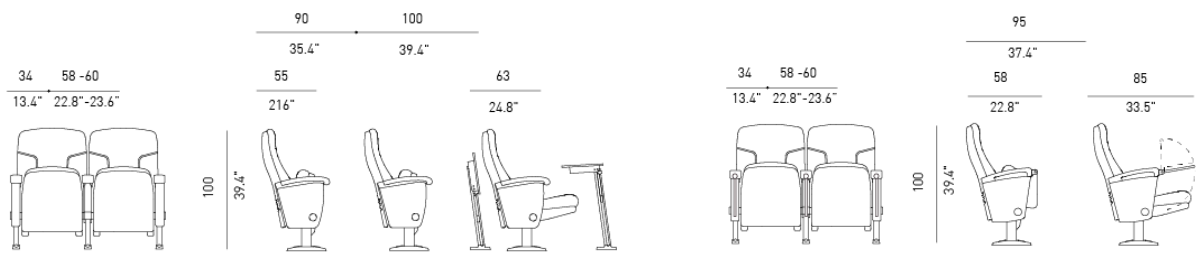
### Fire resistance

- BS 5852. 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 8136

Megaseat 8136 + F 48

Megaseat 8136 PLX

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 big dimensions. The minimum distance between axles is 58 cm of nominal value. This distance is not obtained with the incorporation of wider arms or supplements between the seats, but by an increase in the dimensions of the seat and backrest, so 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 two blocks of moulded polyurethane foam, with a metal interior structure incorporated and the upholstery fully integrated into the foam using the Integral Form system, without any seams or stitching.



· Between the upholstery and the foam, both in the seat and in the backrest, there is a built-in fire curtain -TS System- that prevents fire from penetrating into the foam, delaying the emission of toxic gases and flames.

· The backrest mattress is anatomically shaped, with lumbar support and head, incorporating vertical and horizontal channels in the part of the head.

· The seat cushioning is anatomically shaped and smooth, without any types of channels or grooves therefore preventing the accumulation of dirt

· The seat and backrest are protected by fully washable polypropylene finishings that protect the back upholstery.

· The backrest can also be made in HR finishing. This type of backrest is characterized by the incorporation of a headrest which is integrated into the whole backrest, i.e. it is not added to the backrest but is already 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.

· The seat and backrest are protected by fully washable IF727 material finishings that protect the back upholstery.

The seat is automatically folded by means of a double spring system inserted inside the seat shell (tested at 100,000 cycles), without the need for any type of lubrication and extremely silent.

· The seat is assembled on two metal feet attached to an internal connecting bridge that interconnects the different seats and allows the formation of totally rigid and stable rows. These feet have an integrated housing system for the ball-and-socket joint - with a locking mechanism - which receives the axis of the seat and allows easy replacement of the seat without disassembling the seat. The feet are made of painted steel tubular structure.

· The optimum anchorage type according to the surface is used for the fixation to the floor. The seat is adapted to the specific room slope at the base of the foot. The rows are formed by interconnected backrests and allow the formation of completely rigid and stable rows, reinforcing the fixation to the floor.

· The arms are made of polyurethane foam, with an internal metal structure, with the option of incorporating an integrated cupholder in a compactly and in a single piece. Both seat and backrest incorporate the TX acoustic system: a set of holes in the back that allow an excellent acoustic response. Optionally, the backrest can incorporate a piece of upholstery in its upper rear part. The seat can also be fully upholstered without losing any of its acoustic properties.



· The PLX system with anti-panic lectern can be optionally incorporated. When the seat is dislodged, this shovel is automatically collected on the side of the seat, thereby preventing the access from being blocked in the event of a possible evacuation from the room.

· The folding movement takes place quickly and precisely thanks to a ball-and-socket joint system that allows two axes to be rotated synchronously, which ensures great reliability and durability. Maintenance-free.

· Together with the F-48 table or the F-1000 table, it is an optimum solution for long working sessions and conferences.

· The row ends have an upholstered panel. The seat has holes in the back for proper sound absorption when the seat is raised and unused. The backrest can optionally incorporate a piece of upholstery at the top of the backrest. The seat can also be fully upholstered without losing any of its acoustic properties. As an option, a headrest could be added.

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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.

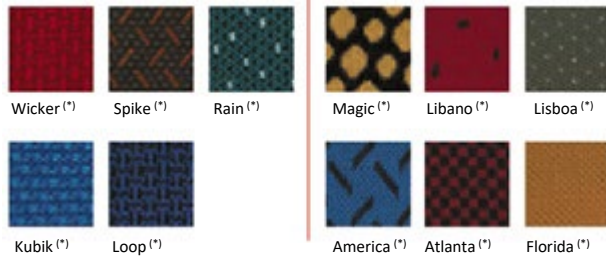
### › Plastic parts features

- 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 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/m<sup>3</sup>.
  - Backrest foam density 50-55Kg/m<sup>3</sup>.

- Group B:



- Group V:



- Group L:



### › Pigments for plastic parts



### › Tecnowood finishes for plastic parts



Ask our team for further available options