Sensó RT | 2313

FIGUERAS

Sensó RT 2313

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%.

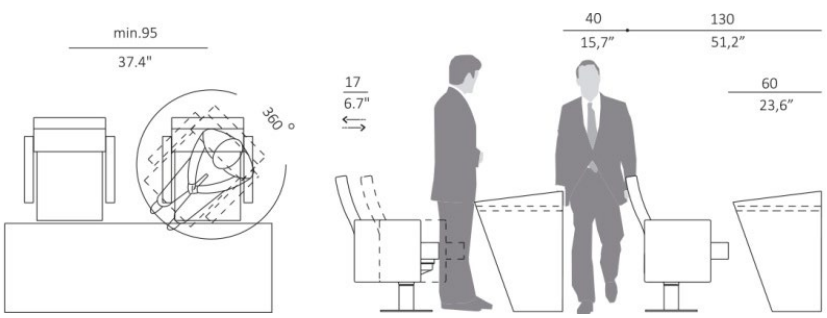
› Upholstery
· Reaction to fire standards:
- Spain: UNE-EN 1021 Parts 1 and 2.
- France: NF D 60-013.
- Italy: UNI 9175 Class 1.IM.
- Germany: DIN 66084.
- USA: CAL TB117.

› 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.

› 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



Sensó RT 2313

General Description

› A revolutionary concept in seating. It combines the comfort and safety of a floor-mounted seat with total freedom of movement allowing it to rotate 360° and slide horizontally up to 17 cm. It automatically returns to its rest position, leaving the place clean and tidy. It has all the features of the 1313 Sensó seat.

· This system is specially designed for parliamentary or meeting room designs, but is also ideal for any other space that requires mobility (halls, meeting points, etc.).

· Floor-mounted individual fixed seat. Each seat has a 360° RT swivel system that slides up to 17 cm, allowing for greater comfort when getting up and sitting. The seat also automatically returns to its original position when not in use.

· Thanks to its easy movement, the seat is always in an ideal operating position. It also allows the seat to rotate enabling the user to talk to the person sitting opposite or behind.

· Once unoccupied, the seats always return silently to their original position, ensuring that the place always looks tidy and is easy to clean.

· The seat return system ensures that the aisles are always clear in the event of an emergency evacuation.

· These seats are made of a compact block of cold molded polyurethane foam that completely covers a metal structure composed of a curved tube frame, and a series of flat springs and pivot joints for the rotary movement. The block has an upholstered cover that can be easily replaced using a zipper system. The backrest has the same features. The armrest consists of a compact upholstered block that extends to the middle of the seat leg.

· The seat and backrest assembly rests on a painted aluminum center leg that also integrates the RT mechanism and is attached to the floor with four anchor points.

· Fire Response: This product complies with international standards.

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.

› 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 upholstery of the cushions is handcrafted, allowing all types of upholstery: fabrics, simile leather or natural leather. Within the range of products approved by Figueras.

· 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.

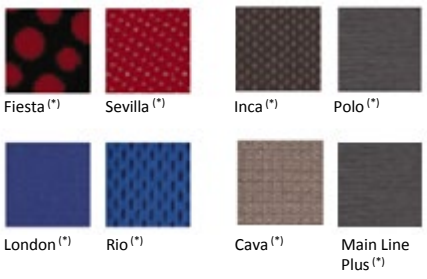
· They comply with all international fire behaviour requirements.

· Seat foam density 60-65 kg/m3.
· Backrest foam density 50-55Kg/m3.

› Upholstery

· Group A:
Figueras Fabrics ®

· Group B:



· Group V:


Tecno Valencia (*)

· Group L:


Florencia (*)

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

› Finishes for wood parts

› Pigments for metal parts: