



Woody RT 2312/S

## Technical specifications

### › 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.

### › Timber components

- Pressed beech plywood.

### › Varnish

- Material: Bicomponent PU Varnish (water or solvent based)

### › Slab foam (Polyurethane foam)

- Seat density: 40 Kg/m<sup>3</sup>
- Backrest density: 35-39 Kg/m<sup>3</sup>

### › Aluminium

- Die cast aluminium alloy.
- Tensile strength (Rm)=240 Mpa.
- Elongation <1%.

### › Leather

- Adhesion to finish according UNE-EN ISO 11644: >2.5 N/cm<sup>2</sup>
- Resistance to rubbing according UNE-EN ISO 11640: (Dry, 1.000 Cycles) >4

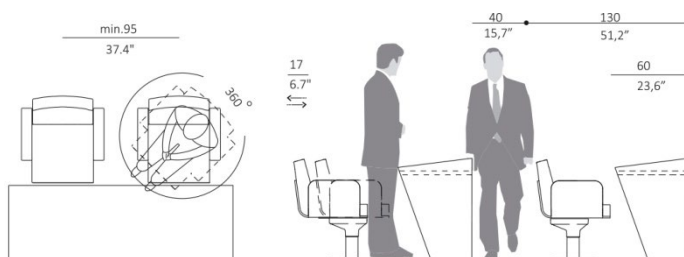
### › Fire resistance

- 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



Woody RT 2312/S

## 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 by 17 cm. It automatically returns to its position, leaving the place clean and tidy.
- This system is specially designed for parliamentary or meeting room designs, but is also ideal for any other space that requires mobility (lounges, 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 unoccupied.

- Thanks to its easy movement, the seat is always in an ideal working position. It also allows the seat to rotate to talk to the user sitting in the opposite or rear position.
- 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.
- The seat consists of a compact open-cell polyurethane foam block. This block is completely upholstered. The backrest shares the same characteristics.
- The backrest is finished with a 13 cm thick beech plywood board. The seat is covered with a 13 cm thick beech wood shell that serves as the end of the seat and as an armrest.
- The seat and backrest assembly rests on a painted aluminum center leg that also houses the RT mechanism and is attached to the floor with four anchor points.
- Fire Response: This product complies with international standards.

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.

## 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 open cell polyurethane foam.
  - 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.

### › Upholstery

• Group A:  
Figueras Fabrics ®



• Group B:



• Group V:



• Group L:



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

### › Finishes for wood parts



### › Pigments for metal parts

