



Virtus 13205

Technical specifications

› **Structure**

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

› **Polyurethane foam**

- Seat density: 60-65Kg/m³.
- Backrest density: 40 Kg/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.

› **Timber components**

- Pressed beech plywood.

› **Varnish**

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

› **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.

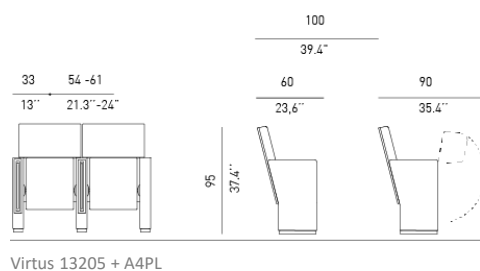
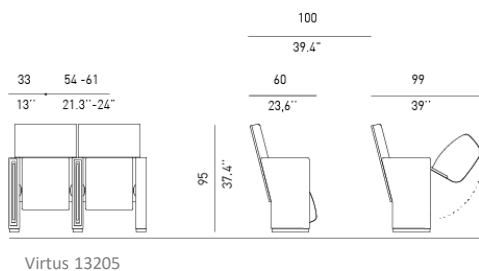
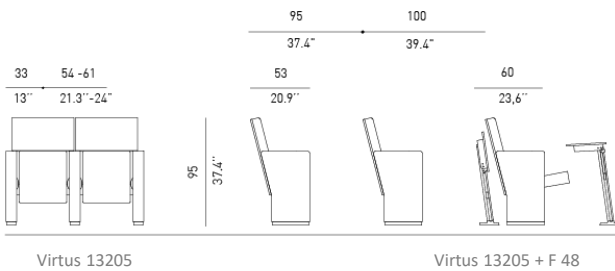
› **Fire resistance**

- USA:CAL T.B. 133 (with approved fabric).

› **Resistance and durability classification**

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

General dimensions



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

- Seat with very simple shapes, timeless and sober design.
- Seat with folding seat, formed by a single block of moulded polyurethane foam that incorporates a metallic structure, made up of a curved tube frame and flat springs. The whole set incorporates the two axes of rotation of the seat.



- The block is covered with an easily replaceable upholstery cover. The seat rotates thanks to two side spherical plain bearings, fixed to the sides of the seat. Each one of these spherical plain bearings incorporates the springs and the Controlled Soft Rise Technology cushioning system for a smooth, silent movement with no bumps. This mechanism is maintenance-free.

- The backrest is made of beech plywood, incorporating two fully upholstered, open-cell polyurethane foam cushions which, due to their shape and composition, offer excellent back support. This set can have different finishings, depending on whether the wood is left exposed with a varnish finishing or upholstered. The backrest is fixed to a metal structure which, in turn, joins the sides of the seat. The set is of a great rigidity and guarantees the perfect alignment of the backs when forming rows.



- The side panels are connected by a steel structure or bridge. They incorporate on both sides the swivel joints with their springs and cushioning system. These spherical plain bearings are made by high pressure polyamide moulding.
- The panels are fully upholstered, ending in a lower steel base, through which the seat is fixed to the floor, with hidden metal expansion plugs or other types of fixing. These panels are customizable with different finishings, depending on the needs of the project.
- The system A4PL or A3PL with anti-panic table may be optionally incorporated. When the seat is dislodged automatically, this table is stored on the side of the seat, thus avoiding blocking the aisle in the event of an evacuation.



- Reaction to fire: This product complies with international regulations.

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Functional description

› New design with seat and armrest aligned. Geometry is enhanced and design adapted to market trends.



Finishes

› Armrest / End panels and backrest upholstered or finished in wood.



Upholstered



Finished in wood

› Option to customise length and colour of stitching.

Upholstery protector and accessories

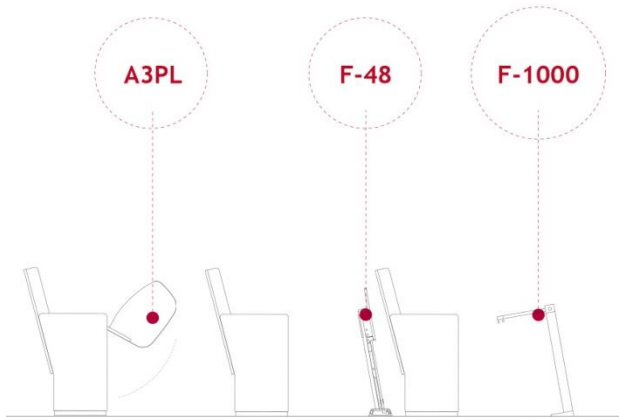
› Metal part that protects upholstery.



› Large variety of accessories, from Led lighting, microphone, power and data connections...



Writing tablets



Characteristics

› Controlled Soft Rise Technology: Tip-up system with shock absorption and slow rise motion that offers a uniquely silent and smooth mechanism. No maintenance needed.

› Seat with metallic structure and liquid-injected foam. Over time and use, moulded foam best preserves shape, volume and quality of the upholstery.

› Seat with internal springs to ensure strenght and greater confort.

› The seats backrests are linked with a metallic structure, connecting the side panels to create stronger and very stable rows.

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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.

› Seat and Backrest Cushions Features

- The seat 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 and the headrest can be handcrafted, allowing all types of upholstery: fabrics, similar leather or natural leather, within the range of products approved by Figueras.
 - 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: 40 Kg/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



Natural Beech ST01 Hazelnut ST02 Light Walnut OP03 American Oak OP04 Wengé OP05 Mahogany OP06 Cherry OP07

Ask our team for further available options