camstage

BOGART PV

Seating From

camstage

Published January 2017

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Technical Characteristics

Seat Centre: 54cm / 21.259” - Straight rows.

Back: Overall height 95cm / 37.401”. UNIBLOCK® upholstery system. Textured polypropylene outer back.

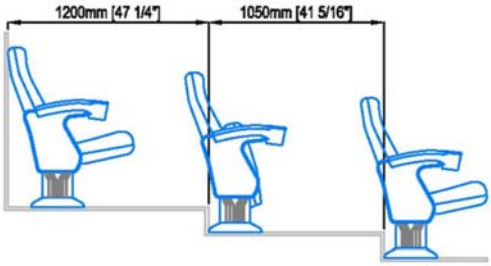
Seat: Tip up with double spring. UNIBLOCK® Upholstery system. Textured polypropylene seat shell with perforations for acoustics.

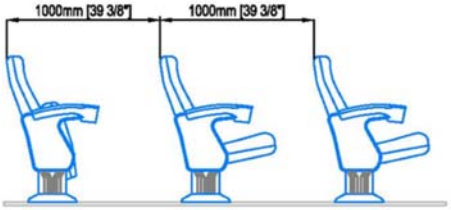
Standard: Fully textured polypropylene. Concealed fixing.

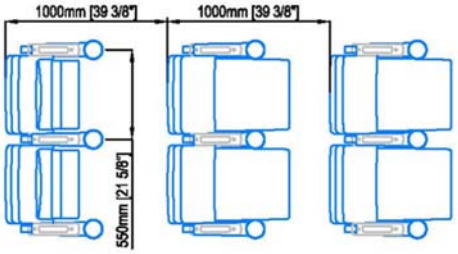
Armrest: Injected and textured polypropylene with integrated cup holder.

Row Numbering: Round Plastic plate on aisle standard.

Seat Numbering: Round plastic cap on seat shell round plastic plate on seat or back out shells.





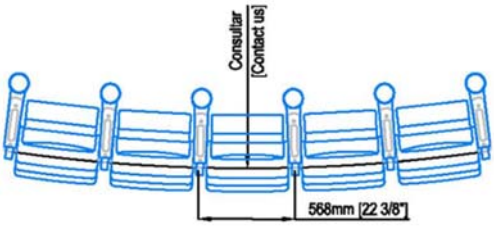


Polyurethane foam: Cold Moulded Foam.
Seat density: 65 kg/m3.

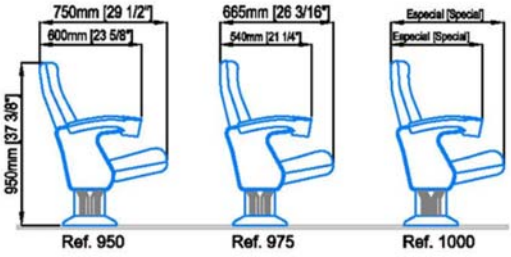
Back Density: 54 Kg/m3

Structure of injection mould processes[0]
High impact polypropylene copolymer.

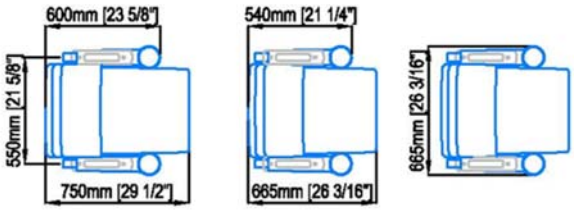
Resistance to tearing: DIN 53455
Resistance to impact: DIN 53453
Resistance to bending: DIN 53452



Safety:	UNE 23727	BS 5852 0
Fabric:	M-1 M-4	and 1 5
Foam:	M-1	5 (optional)
Fire barrier:		



Volume: 0.130 m3 (dismantled) Weight: 16.8 kg



ISO 9001
ISO 14001
BUREAU VERITAS
Certificacion

AIDIMA
FIRA

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General Features

Modular seat specially designed to be installed in CINEMAS, SPORTS HALLS, FERRIES AND MULTI- PURPOSE HALLS, equipped with totally interchangeable parts, including the moulded polyurethane foam cushions inside which are integrated the structures injected with ES1400 material. The armrests have super-sized cup holders.

It passes the most stringent tests and trials: structural resistance, safety and ergonomics. Its comfort is highly rated and it is virtually maintenance free.

	Ref. 950	Ref. 975
Distance between axes:	550 mm.	550 mm.
Depth (seat closed)	600 mm.	540 mm.
Depth (seat open)	750 mm.	665 mm.
Maximum height backrest:	950 mm.	950 mm.

SIDE PANELS:

Specially designed to get the maximum performance from this seat, which joined to the seat and backrest structures form a solid unit which is unique in the market, manufactured by injection moulding of 40 mm-wide, high-impact copolymer polypropylene with thick 8 mm walls and strategically placed struts to give maximum resistance. All the machining for the shell of the seat is done with precision, resulting from the injection of the piece itself, which ensures perfect alignment of the seats and total guarantee in assembly.

The side covers hide the interior fixings and the end of each row is completely upholstered.

Armrests made by injection moulding of black copolymer polypropylene, measuring 440 mm. long by 70/80 mm. wide, with place for a large-sized 100 mm-diameter cup incorporated into the arm to give the user elegance and comfort.

Thanks to its features, we can highlight the seat's light weight, attractive design and ease of assembly, as well as the low maintenance and extreme resistance to acts of vandalism and the fact that it does not rust, and can be kept as good as new simply with wiping with a damp cloth.

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Injection

The seat-tipping mechanism is housed in the side panels manufactured by injection using technical materials which carry the seats' tipping axes, equipped with a safety bridge which prevents them accidentally popping out. The bearings are attached to the side panels by steel blued DIN 916 M6 screws.

This system makes it easy to replace seats without having to dismantle the whole unit will be made using specific fixings, and so that once the seat is fixed to the floor, it is completely hidden, giving beauty and clean lines in the foot which makes cleaning easier.

Seat:

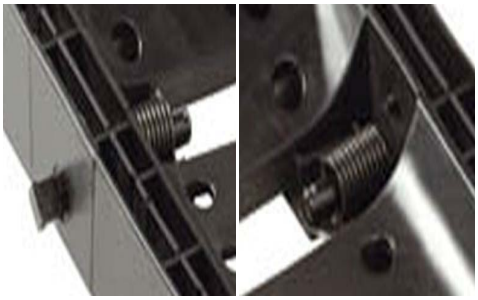
The seat structure is made up of an injection-moulded, high-impact, copolymer polypropylene shell, 70 mm. high at the back and 40 mm. high at the front, with the resulting sides having a height of 55 mm, reinforced by 2 5mm-thick walls in the front and rear and 3 walls in the side, 3 internal slats measuring 100x16 mm. wide adapted to the human form, with 16 round perforations of 16 mm. Ø, 4 rectangular ones 73x22 mm., 4 30x15 mm. and 4 72x30 mm., strategically placed for better distribution and adherence of the polyurethane which is cold-moulded onto the shell itself.

The upholstery system is done by injecting cold-moulded polyurethane foam using high pressure machines, with the system called the "UNIBLOCK *System*®", whereby in a single process the foam, fabric and shell of the seat are produced together. This injection system allows us to obtain a homogenous mixture with a density of 65 Kg/m³. Which provides the whole with durability and a result which is impossible to deform.

The base of the seat is protected by a reinforced frame made of high-impact, injected, black copolymer polypropylene with perforations for better acoustic dampening, screwed to the shell of the seat with 4 black, zinc-coated 6x50 DIN 7505 A screws.

The seat folds automatically and silently thanks to a 3.20 mm thick 10-turn double spring made in special steel, on a blue-annealed 140 mm x 14 mm Ø steel axis, with flat ends so that it can rest on the rotation bearings in the side panels, inserted into the structure of the seat with polyamide (PA6)

Bushing to prevent rubbing. It does not require maintenance and proves extremely quiet. It passes a test of wear with over 120,000 cycles, which makes it highly resistant.



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BACKREST:

The backrest structure, measuring 460 x 630 mm., consists of a high-impact, polypropylene copolymer- injected shell 50 mm. high in the lower section and 40 mm. high in the upper section, which produces sides with an average height of 45 mm., reinforced with 3 5 mm.- thick walls on all sides and a 100 mm, suitably reinforced base which acts as a stop for the seat, 2 interior 120 x 20 mm. wide slats and 1 170 x 20 mm. wide, with an ergonomic design, with 28 rectangular 60 x 35 mm perforations and 8 20 x 35 mm. ones, strategically placed for better distribution and adherence of the polyurethane which is cold-moulded onto the structure itself.

The upholstery system is done by injecting cold-moulded polyurethane foam using high pressure machines, with the system called the "UNIBLOCK *System*®", whereby in a single process the foam, fabric and shell of the seat are produced together. This injection system allows us to obtain a homogenous mixture with a density of 55 Kg/m³.

Which provides the whole with durability and a result which is impossible to deform.

The back of the backrest is protected by a reinforced 5 mm.-thick outer back over the whole surface and 10 mm. in the structural support sections, made by high-impact, black, polypropylene copolymer injection, which is what strengthens the seat via 2 DIN 603/555 M7 70 mm. fixing screws on each side and non-slip washers, in turn fixed to the structure via 4 black, zinc-coated, 7 x 65 TORX screws.

The structure of the backrest is completely encased in the frame, acting as a stop and buffer at the end of the seat's movement when opening, without the need for other accessories, making the seat much safer and maintenance free.

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Injection

Due to its modular structure, you can recline the backrest at different angles and it adapts to any type of floor and differences in height.

The Fabric Used is M-1 Flameproof

SCENIC, Group I, series and colours to be chosen from our catalogue.

NUMBERING:

Rows and seats, plaques made by special injection of technical materials, silk-screen printed with white numerals on a black background, 40 mm. Ø for the seat and 75 mm. Ø for row ends.

The construction of this seat does not require any welding thereby preventing rusting and lightening the load on the structures where it is installed, it does not scratch and withstands detergents without any deterioration being noted.

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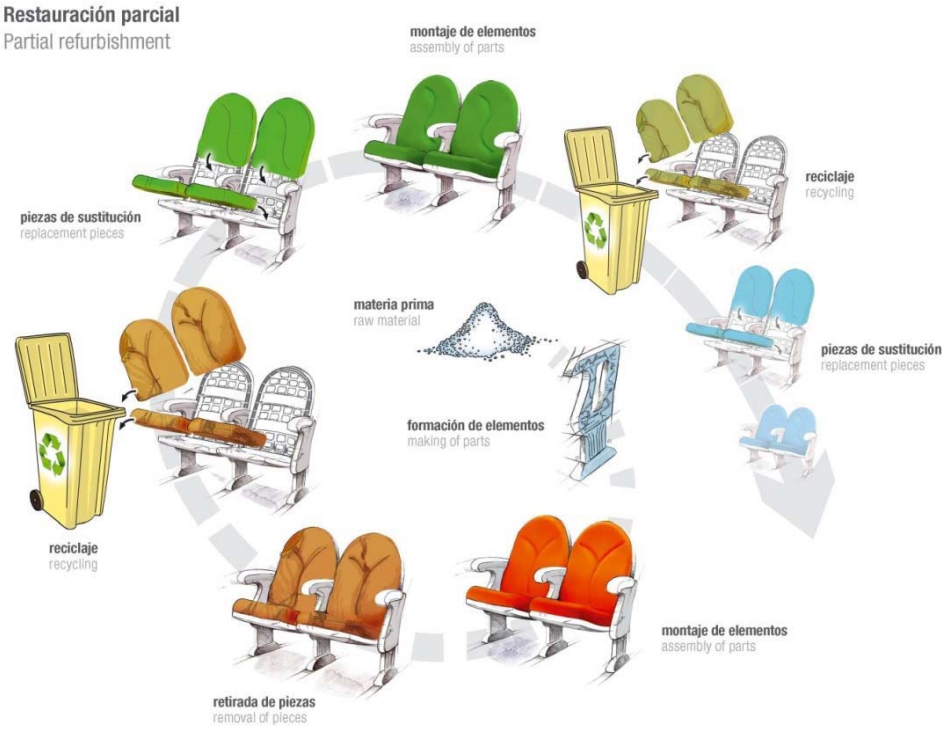
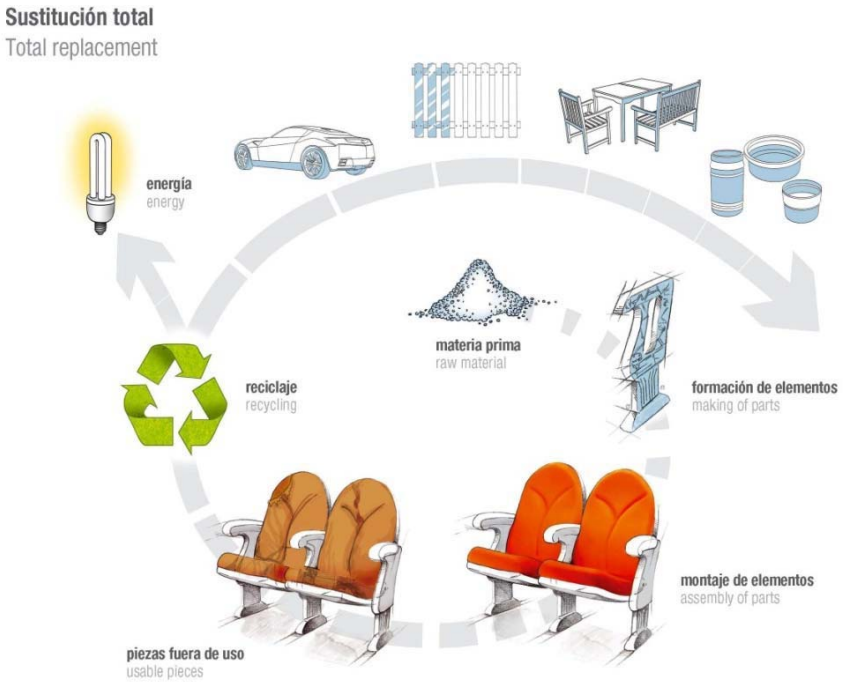
RECYCLING

The whole structure of the seat, (feet, armrests, seat and backrest shells and chassis) is totally recyclable, manufactured with the latest plastics.



Its modular construction allows multiple possibilities of partial or total replacement, helping to create a sustainable environment



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Injection

TECHNICAL CHARACTERISTICS

Polyurethane foam
Self-extinguishing in accordance with the following standards.

Flameproof M-4.

Backrest:

Cold-moulded polyurethane foam.

Density 55 Kg. m3

Seat:

Cold-moulded polyurethane foam.

Density 65 Kg. m3.

Polypropylene

PPR 1042

Tear resistance	DIN 53455
Impact resistance	DIN 53453
Flexing strength	DIN 53452

Upholstery and fireproof barrier *(Optional)*

Abrasion resistance 50,000 cycles Martindale BS 5690

Pilling Index BS 5811

UNE-EN 1021: 1994, parts 1 and 2

Complete seat with barrier *(optional)*

Fulfils standards

- UNE EN 1021-1: 06 and UNE EN 1021-2: 06 AM18
- BS 5852-2:1982
- CA 133

Volume dismantled
0.160 m3

Weight
16.8 Kg.

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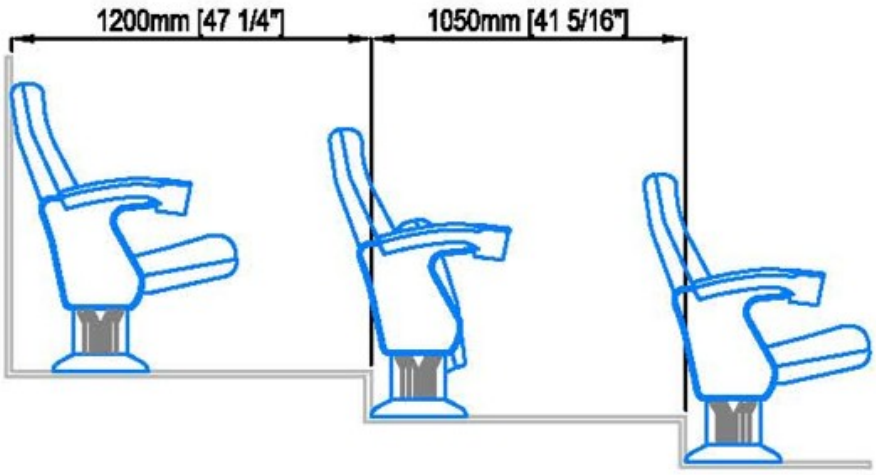
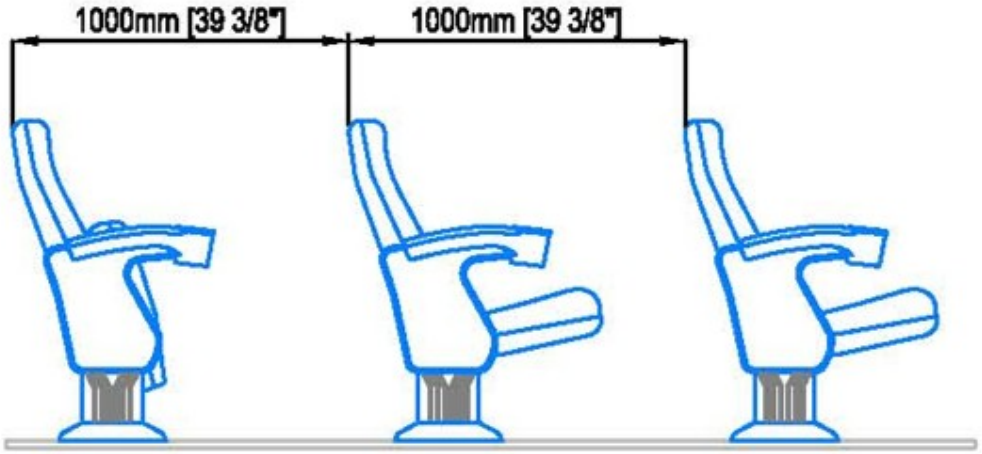
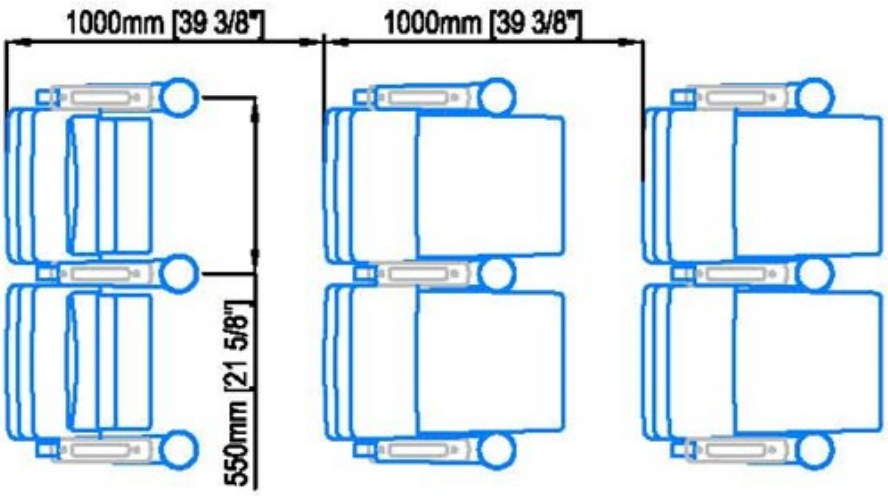
Injection

DIMENSIONS







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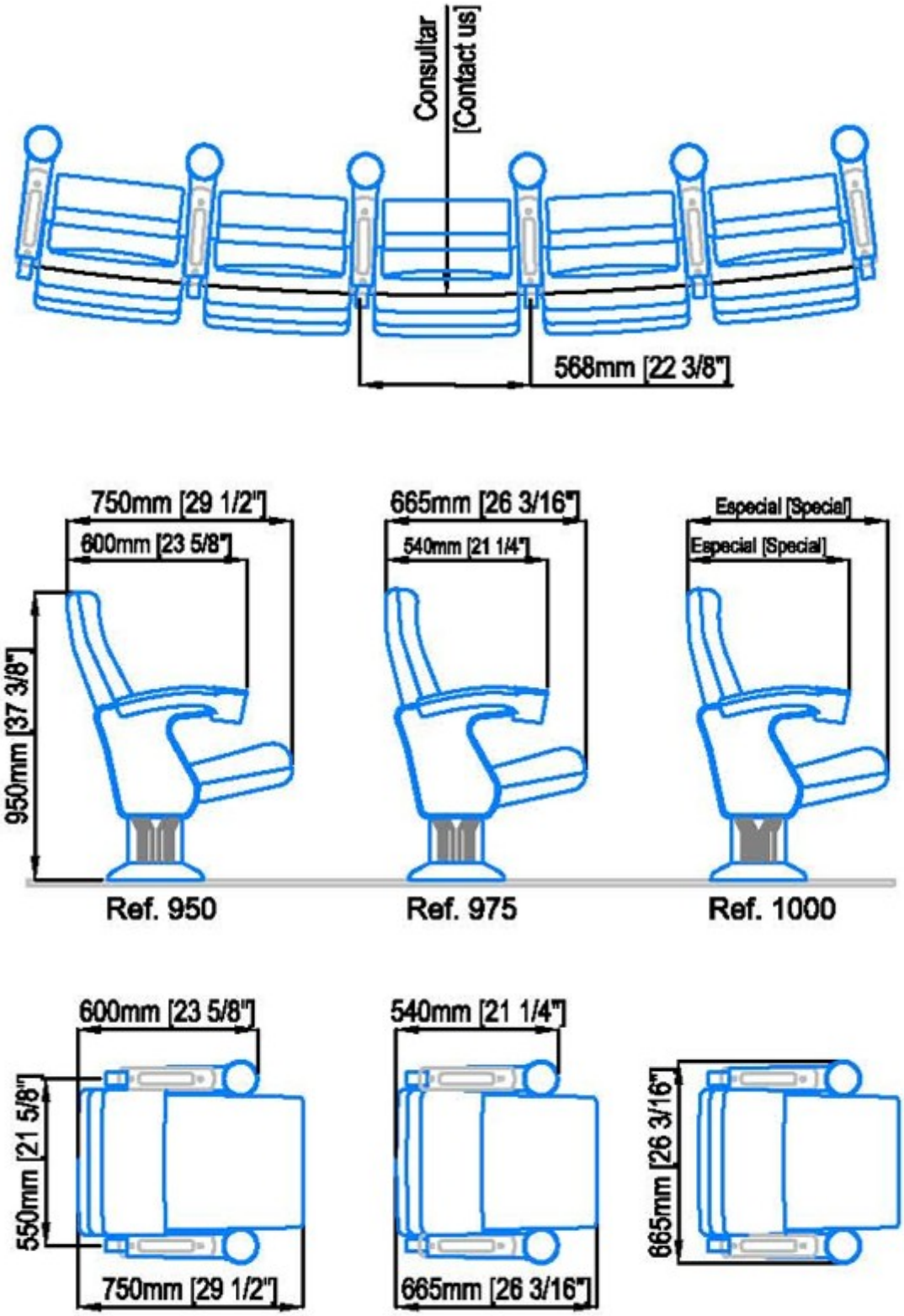
Injection

DIMENSIONS CONTINUED



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OPTIONAL

UPHOLSTERY OF SEAT WITH COMPLETE COVER, zip and Velcro, on the cold-moulded **Polyurethane block itself.**

5 MM THICK FIREPROOF BARRIER, M-1 flameproof, which is incorporated into the fabric by thermo-fusion and acts as a firescreen between the fabric and the foam, retarding the emission of flames and toxic fumes.

Both the fabric and the barrier and foam together pass the tests which the following standards require, accrediting compliance via the corresponding certificates issued by officially recognised laboratories.

UNE-EN 1021:1994, parts 1 and 2 *(flame and cigarette)*

AM18

- BS 5852-2:1982

CA 133

FABRICS, different to those established in the general characteristics.

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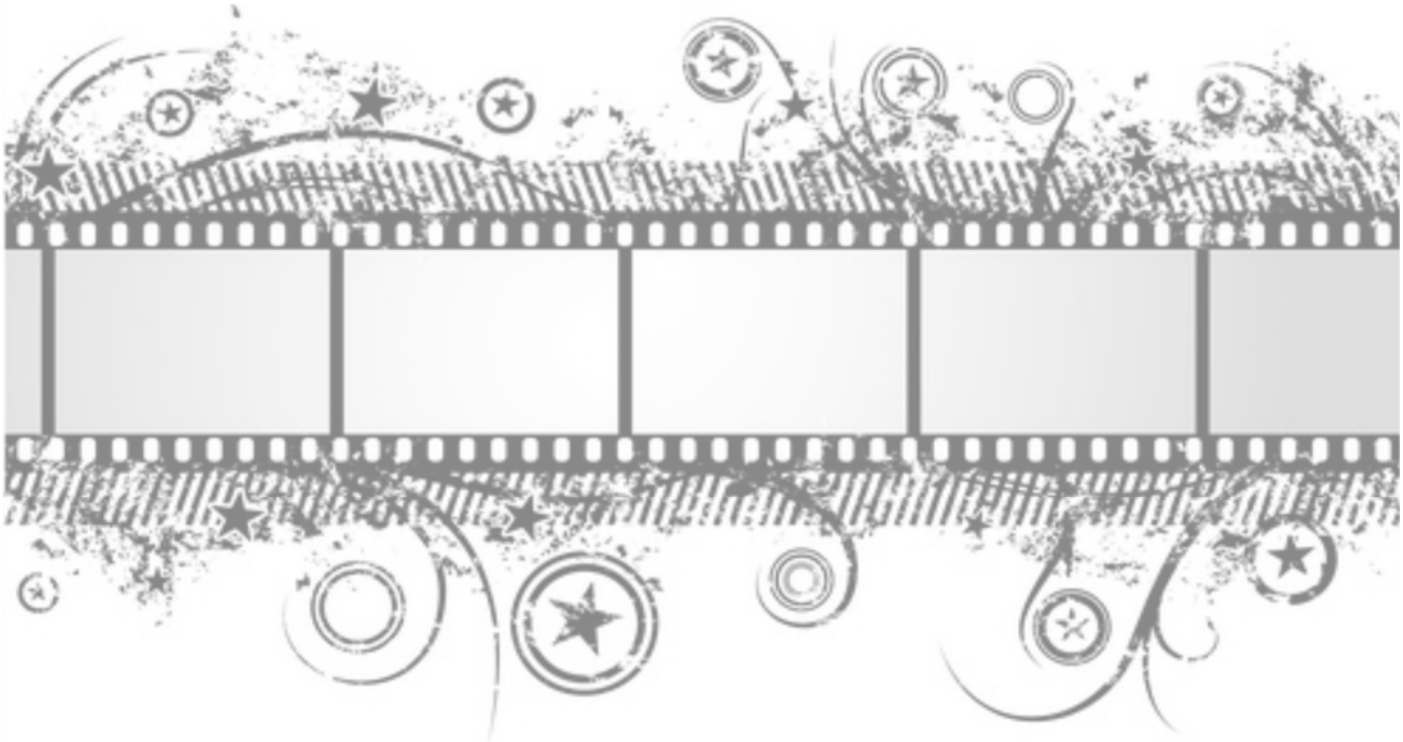

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