



Makedonia series with its curves adds character to the space.

It is a classic series with dominating wooden surfaces at the backrest. Wooden details could also be applied at the seat. A large variety of wood is available (walnut, beech, oak, e.t.c).

A comfort seat to satisfy even the most demanding customer. Suitable for theaters, church halls, social places and generally wherever curves' presence is required.

MAKEDONIA series Technical Characteristics

General:

MAKEDONIA series can be installed in straight or curved lines (unless it is equipped with Anti-Panic table at the backrest in which case it can only be installed in straight lines).

It consists of seat, backrest, and side metal supporting frame (leg) with armrest. The side metal supporting frame with the arm is inserted between two successive seats and the end of each row finishes with an additional side frame.

The seat tilts automatically to provide more free space.

Backrest, seat and arms can be easily removed if there is a need to be replaced.

All metal parts are painted with epoxy powder.

Backrest:

Backrest is made of shaped plywood covered with oak, chestnut or walnut veneer. Backrest's cushion is made of anatomical shaped polyurethane foam 4cm total thickness. Its dimension permits backrest's wooden part to be visible from the front. The visible wooden part's total thickness is 20mm.

Backrest is connected with the steel metal frame with an internal curved metal element 40X20X2mm which is located at the backrest's inner low area.

Seat:

Seat's cushion is made of cold-moulded polyurethane foam anatomically shaped and upholstered with flame retardant fabric. In the cushion there is a metal frame.

Seat could be fully upholstered or optionally it could be frontal covered with beech, oak, walnut or chestnut veneer. Optionally this wooden cover could be perforated for sound absorption reasons.

Automatic seat - raising system is operated through a double spring system located inside or optionally it could be operated by gravity without any springs.

Frame:

The chair's lateral leg system consists of 80X40X2mm steel tube with a 310mm length foot, it permits easy fixation to the floor and insures great stability. The distance between anchoring holes is 25cm.

Leg is constructed according to the floor's geometry.

Optionally chair could be supported by a central perforated leg for air conditioning reasons.

Armrests:

Armrests are made of solid beech, oak, walnut or chestnut wood.

Anti-Panic writing tablet:

Optional Anti-Panic writing tablet concealed in the side frame (leg) is made of plywood covered with high pressure laminate (HPL). It operates based on an anti-panic inclination system with aluminum bracket and steel mechanism. While the writing tablet is not in use, it is covered inside the frame. Tablet's thickness is 16mm.

Anti-Panic table:

Optional Anti-Panic table on the back of the seat is made of MDF (laminate covered) with maximum total thickness up to 30mm. It is operated by a two double aluminum brackets system.

Individual standing table:

Seats can be combined with an individual standing table matched to the seat's specifications.

Cables and devices housing:

In case where there is a need for microphone and translation devices the chair enables wiring installation. It permits wiring access and connections.

Upholstery:

The customer may choose the upholstery from our wide range of high quality and flame retardant fabrics.

Certificates:

BIRO is ISO 9001, ISO 14001 and ISO 45001 certified.



✓ EN ISO 9001:2015



✓ EN ISO 14001:2015



✓ ISO 45001:2018

Chair is certificated for strength according to EN 12727 level 4 standard.
It is certificated for its acoustic behavior according to ISO 354-85 standard.

Upholstery is certificated for*:

- Abrasion resistance (rubs): ISO 12947-2 (Martindale) 150.000
- Flammability: EN 1021-1 & 2, BS Crib 5
- Light fastness (blue scale): ISO 105-B02 (Xenotest)
- Fastness to rubbing (grey scale): ISO 105-X12 (Crockmeter)

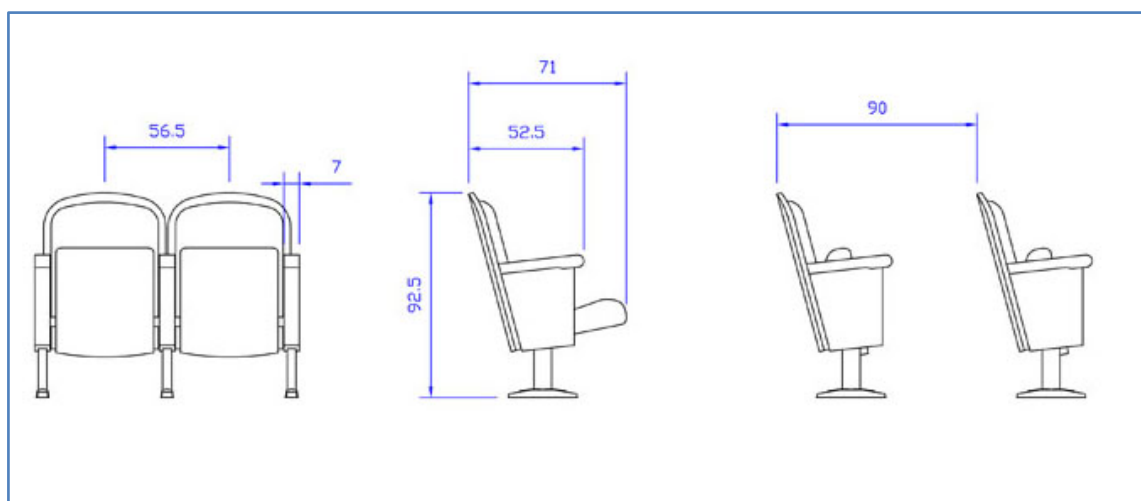
* certificates for BONDAL series fabrics

Foam is certificated for flammability according to EN 1021-1 & EN 1021-2 and BS 5852: Part 2, Ignition source 5 (Crib 5) standards.

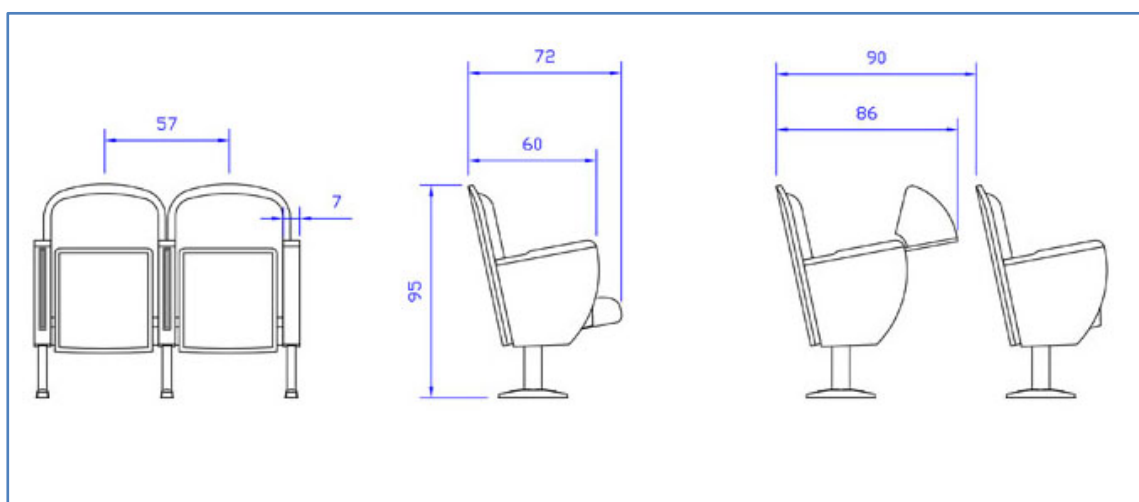
Other options:

Numerous Seat & Row Numbering Alternatives, Integrated Lighting & Translation & Audio Management Alternatives, corridor lighting systems.

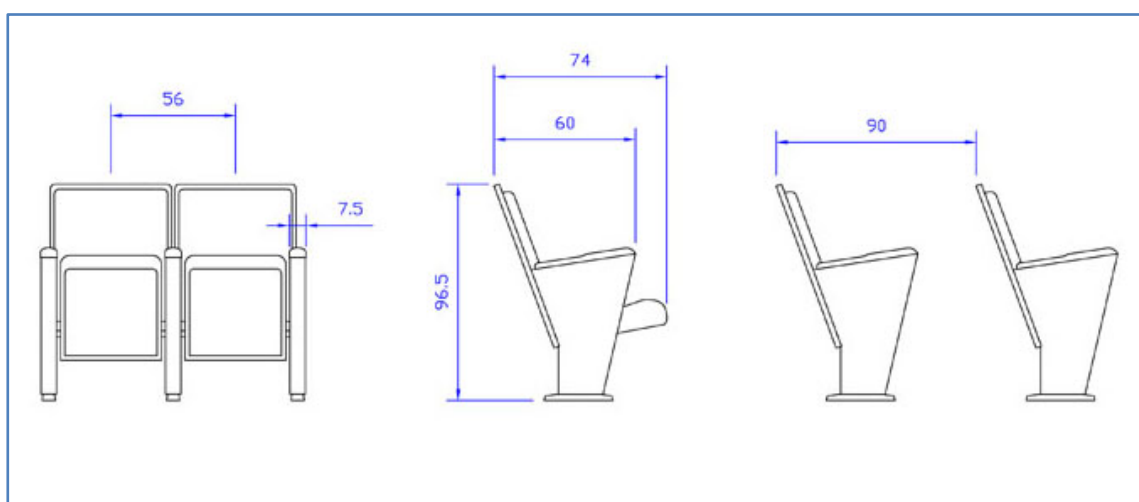
Dimensions*:



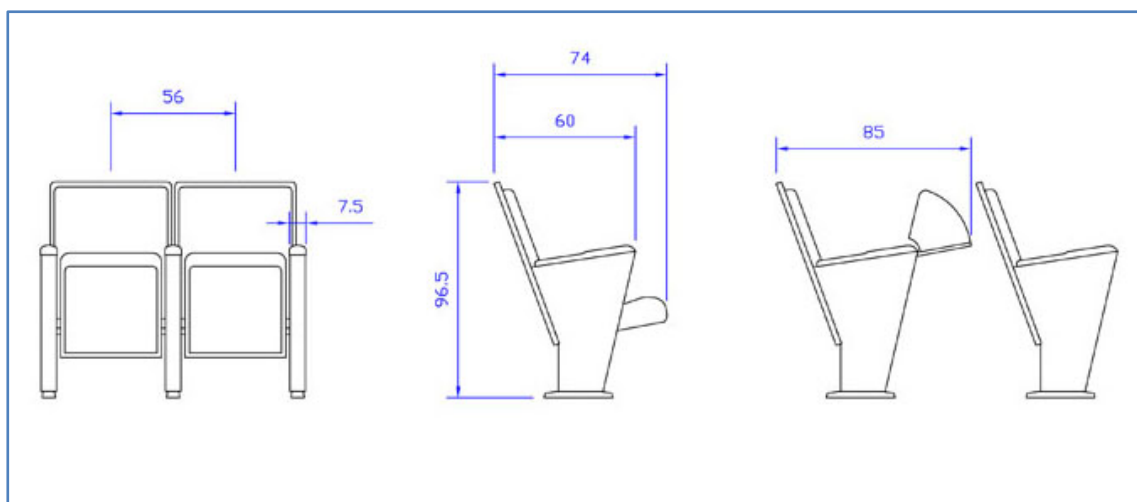
Basic model



With Anti-Panic writing tablet



With upholstered side leg



With upholstered side leg and Anti-Panic writing tablet

** Dimensions are indicative and they could be modified according to the needs*