



Axia series is characterized by middle size solid volumes. Perfectly comfortable chair for long lasting events. Suitable for institution (e.g. museums) & corporate auditoriums where the combination of solid shapes and strong colors is a demand.

Adding element to its character is the absence of visible metal parts.

AXIA series Technical Characteristics

General:

The AXIA series can be installed in straight or curved lines.

It consists of seat, backrest, and side supporting frame (leg) with armrest. The side 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's shape is orthogonal.

Backrest rear part is made of shaped plywood. Its total thickness is 18-19mm. Backrest's cushion is made of anatomical shaped polyurethane foam 4-8cm thickness and it is upholstered with flame retardant fabric.

Optionally the rear backrest's plywood could be also upholstered .

Backrest is connected with the side frame (legs) with an internal metal tube 2mm thickness located at the backrest's inner low area.

At the rear side there are no visible elements, joints or screws.

Seat:

Seat's cushion is made of cold-moulded polyurethane foam anatomically shaped and upholstered with flame retardant fabric. Inside 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:

Side supporting frame (leg) is made of solid beech wood and particle board. It is varnished. A special (almost hidden) foot blade ensures exceptional stability.

Optionally the leg could be upholstered.

Optional middle legs could be made from steel tube ending on a 310mm length foot.

Armrest is placed on the top of the frame.

Leg is constructed according to the floor's geometry.

Armrests:

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

Armrests could be also upholstered.

Optionally there is available a side frame(leg)- armrest in a single compact unit. Edges are covered with beech veneer which follows the frames geometry.

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 a individual standing table matched to the seat's specifications.

Floor fixing systems:

Two floor fixing systems are available.

The first system includes a steel plate with preformed holes for anchoring placed under the seats' leg. Fixing screws are visible.

The second system includes a "T" shaped steel element fixed on the floor. There are not any visible fixing screws.

Cables and devices housing:

The chair can be equipped with aluminum or plastic bar in order to house wires and electrical outlets (220V, RJ45, USB charger etc). Also the chair can house microphone and translation devices.

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 certificated.



EN ISO 9001:2015



EN ISO 14001:2015



ISO 45001:2018

Chair is certificated for strength according to EN 12727 level 4 standard, the seat is additional certificated for 500.000 working cycles, and for flammability according to EN 1021-1 & EN 1021-2 standards.

Also it is certificated for its acoustic performance according to ISO 354, ISO 11654 and ASTM C243 standards.

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)

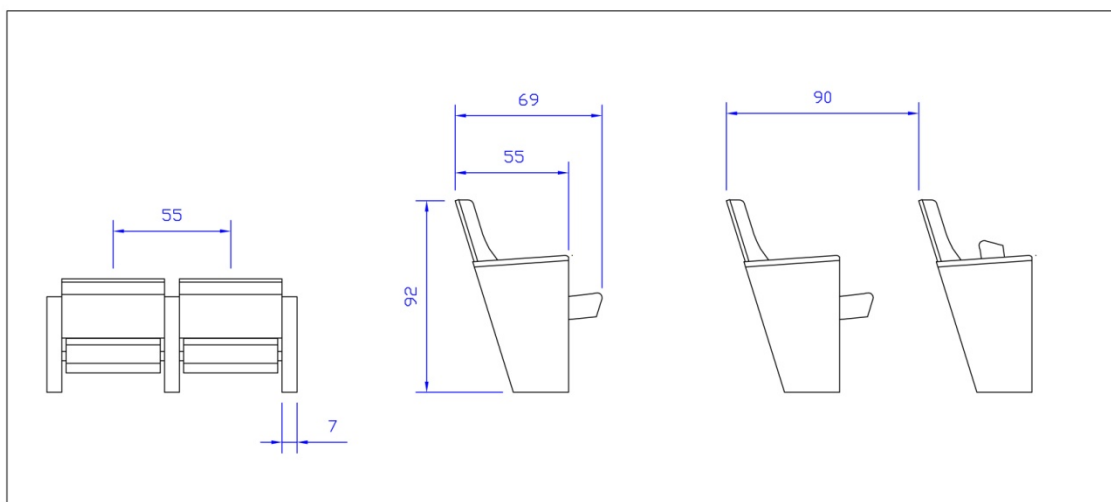
* certificates for *BONDAI series fabrics*

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

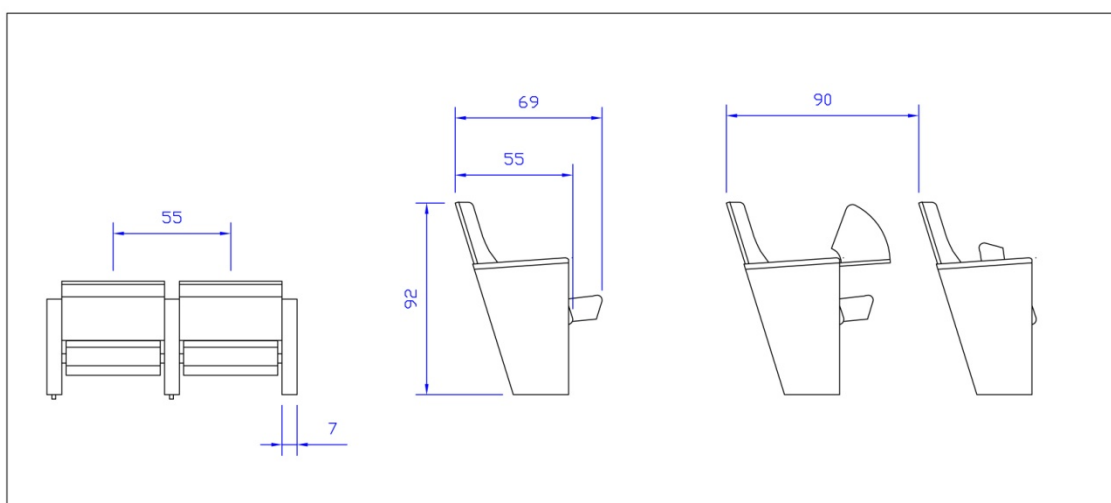
Other options:

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

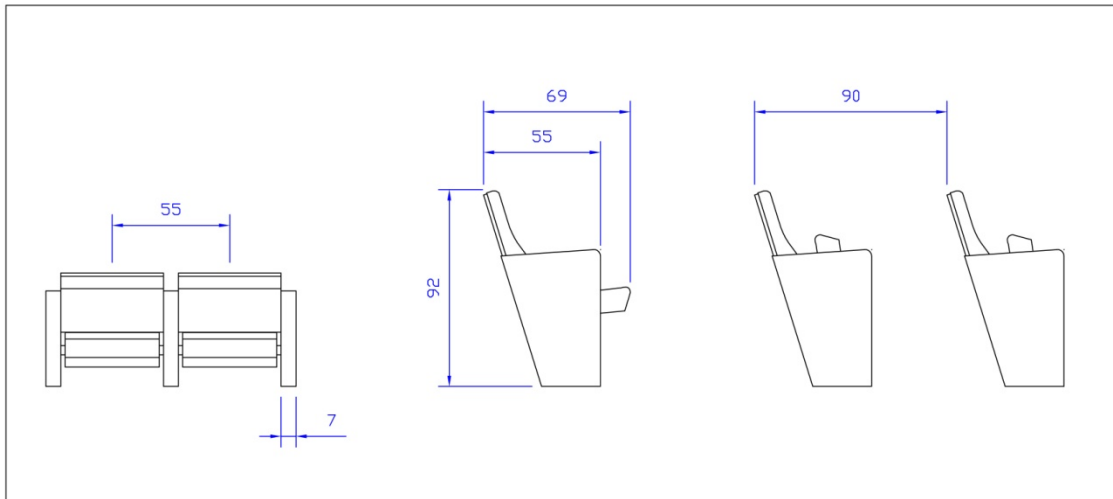
Dimensions* :



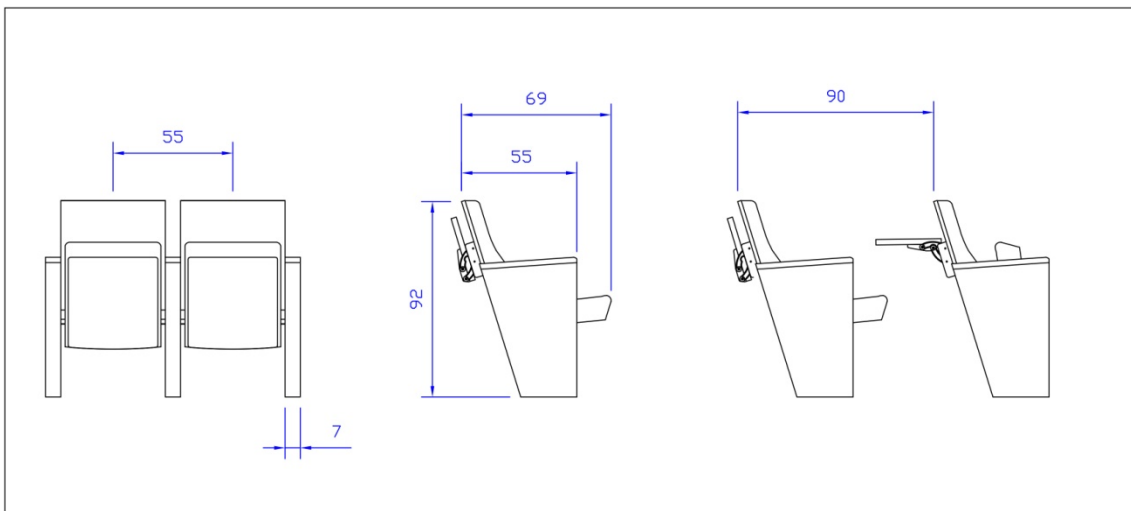
Standard version



With antipanic writing tablet



With solid side frame- armrest



With Anti-Panic table

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