



The IDEA series is the absolute solution for educational rooms and auditoriums.

It can also be used for other applications (e.g. sports stadiums).

Modern and timeless covers even the future needs! Combining modern materials like steel and aluminum with classics like wood and fabric creates ergonomic systems for long lasting events or work.

Placed either on steps or on flat rooms gives always an amazing result!

IDEA series Technical Characteristics

General:

One or two seats system, with or without table, on a metal bar, with one vertical metal supporting frame (leg) for every system and one more at the end of each row.

In case of Anti-Panic table the side metal supporting frame is inserted between two successive seats and the end of each row finishes with an additional side frame.

The seat tilts automatically facilitated by a special central sliding mechanism housed in an aluminum case.

Chair's parts can be easily removed if there is a need to be replaced.

All metal parts are painted with epoxy powder.

Seat:

Seat is made of multilayered beech wood shells 12mm thickness. It is covered with varnish to make the wood waterproof and (optional) flame retardant. It is anatomical shaped.

Seat's dimensions are: 40-45cm width, 41cm depth.

The seat tilts automatically without any noise. It is ease replaceable.

Automatic seat - raising system is operated through a mechanism enclosed in an aluminum box where the springs and other parts are hidden. It is fixed at the middle of the bar and at the center of the seat and not at the legs.

Seat could be upholstered with flame retardant fabric.

Backrest:

Backrest is made of a special perforated 1,25mm thick metal sheet anatomical shaped and housed in a metal frame. It is fixed at the side metal supporting frame (leg).

Backrest's dimensions are: 48cm width minimum and 45cm height.

Optionally there is a wooden version where the backrest is made of metal sheet covered with plywood same finishing like the seat. It is curved for better comfort.

Optionally backrest could be made like the seat. In this version backrest is made like the chair's seat and it is independent and anatomical shaped. It is fixed at the metal bar with a metal supporting element place at backrest's rear side and its dimensions are: 38-48cm width and 45cm height.

Backrest can be also upholstered with flame retardant fabric.

Frame:

Leg is made of 66X26X2,5mm oval steel tube with a 310X58mm foot, it permits easy fixation to the floor and insures great stability.

Leg is constructed according to the floor's geometry. The distance between anchoring holes is 25cm.

Optionally a circular foot with 210mm diameter is available. It provides three holes for the chair's anchoring.

The 80X40X2.5mm steel bar is placed between legs and supports the seat's inclination mechanism which is fitted at bar's frontal side.

Armrests:

Optional chair can be equipped with timber or polyurethane armrests.

Fixed table:

Fixed table on the back of the chair is made of laminate covered MDF. Its thickness is 25- 30mm and its depth is 26-45cm.

A metal case for small objects and papers could be placed under the table or between legs.

Anti-Panic table:

Optional Anti-Panic table on the back of the chair is made of laminate covered MDF with total thickness 25- 30mm and 26-45mm depth. It is operated by a two double aluminum brackets system.

A metal case for small objects and papers could be placed under the table or between legs.

Individual standing table:

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

Cables and devices housing:

The chair can be equipped with aluminum 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 certified.



✓ EN ISO 9001:2015



✓ EN ISO 14001:2015



✓ ISO 45001:2018

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

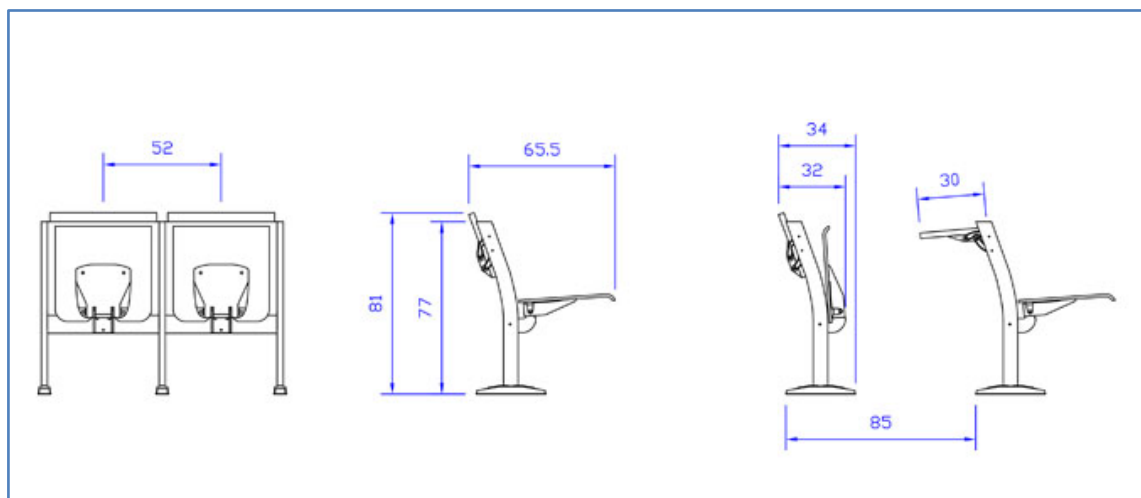
* certificates for BONDAL series fabrics

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

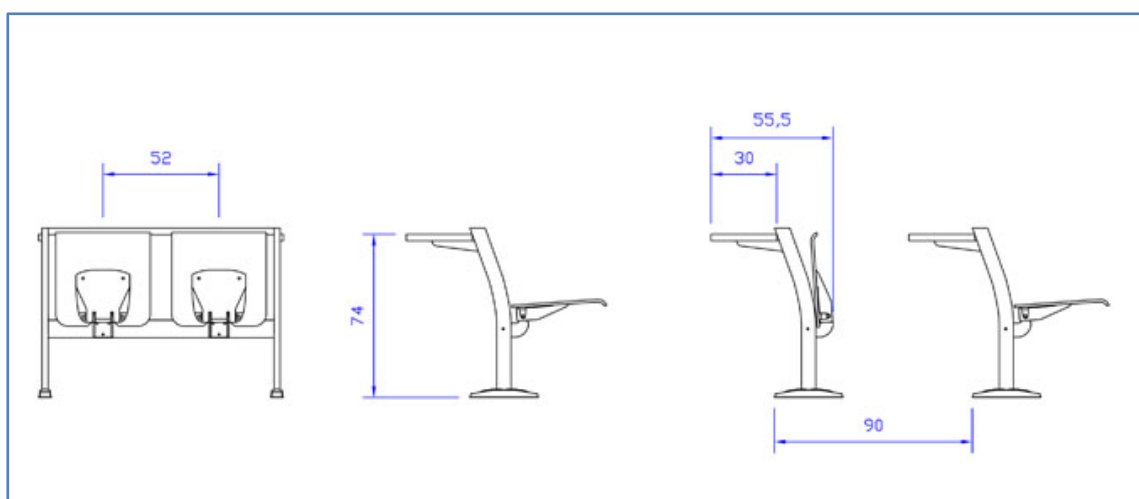
Other options:

Numerous Seat & Row Numbering Alternatives, corridor lighting systems.

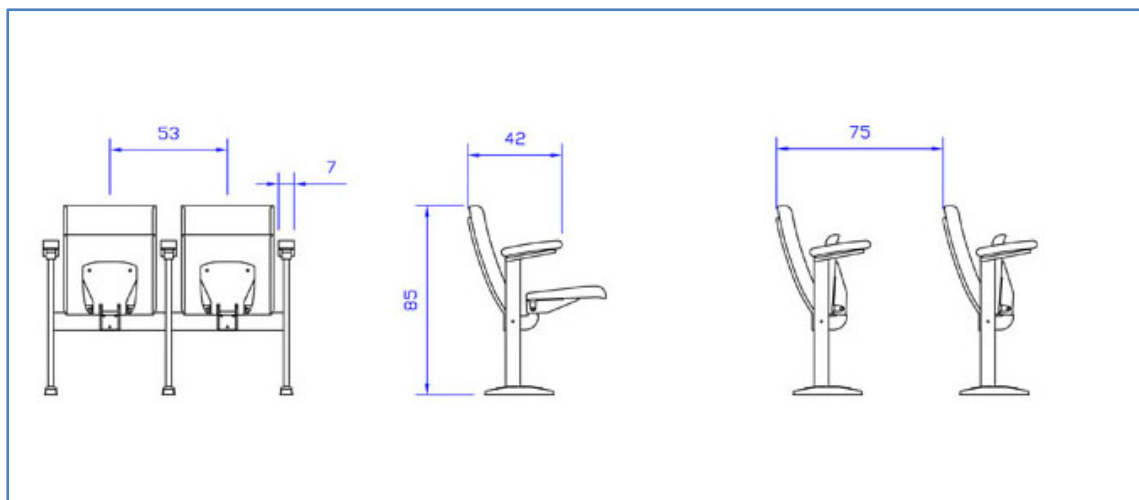
Dimensions*:



With Anti-Panic table



With fixed table



With individual backrest

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