



The OPSIS series is designed to offer great functionality, durability and comfort in a minimum available space.

With low height but great comfort it is the perfect choice for different projects such as sport arenas and stadiums but also for theaters, auditoriums and convention halls.

OPSIS series Technical Characteristics

General:

The OPSIS series can be installed in straight or curved 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.

Both seat and backrest tilt automatically to provide more free space.



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

All metal parts are painted with epoxy powder

When it is going to be placed at half-roofed places metal parts are galvanized.

Backrest:

It consists of flame retardant integral polyurethane foam cushion, with internal frame made of plywood, housed in injected plastic (Copolymer Polypropylene) shell, in a way that ensures upholstery protection.

The plastic shell is a structural element and not a simple cover.

Optionally the backrest could be fully upholstered covering all plastic parts.

Automatic backrest - raising system is operated through a double spring system located inside the shell.

Seat:

It consists of flame retardant integral polyurethane foam cushion, with internal frame made of plywood, housed in injected plastic (Copolymer Polypropylene) shell, in a way that ensures upholstery protection.

The plastic shell is a structural element and not a simple cover.

Optionally the seat could be fully upholstered covering all plastic parts.

Automatic seat - raising system is operated through a double spring system located inside the shell.

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.

Optional a flange type foot is available.

Armrest is housed on the top of the leg.

Leg is constructed according to the floor's geometry and permit straight and curved installation.

Armrests:

Armrests are made of black integral polyurethane with metal internal frame for long hard use, needing no maintenance.

Arms with cup-holder (for cinemas, theatres) or timber arms are also available.

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

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)

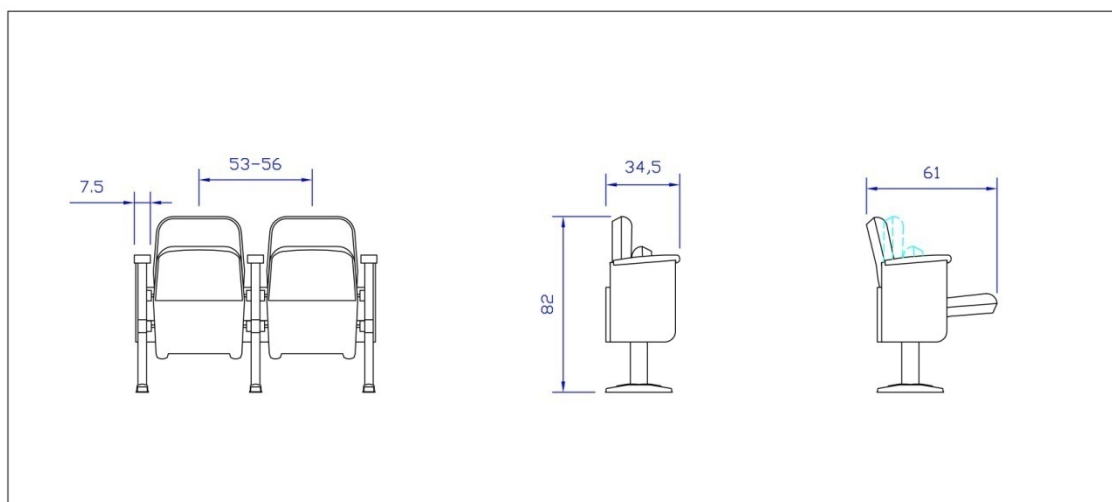
* *certificates for BONDAL series fabrics*

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

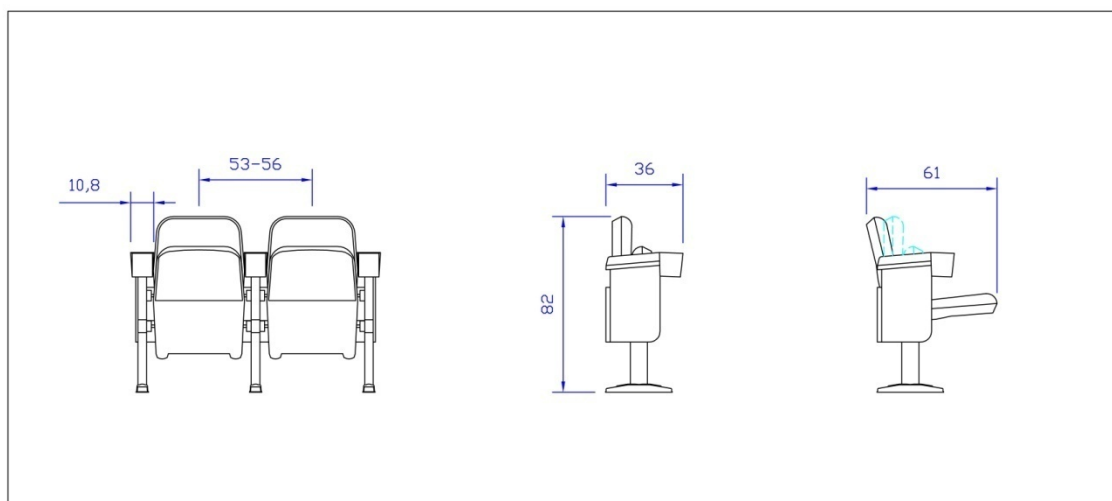
Other options:

Numerous Seat & Row Numbering Alternatives, corridor lighting systems.

Dimensions*:



Standard version



With cupholder

**Dimensions may be moderated according to the needs.*