

Categories

Auditorium Chair

- A.1.1.** The DIAS seat consists of a metal supporting frame, which is fully upholstered with flame-retardant foamed polyurethane and fabric, ensuring high durability, safety and user comfort.
- A.1.2.** The construction system of the DIAS seating units consists of the central transverse supporting beam, the supporting legs, the folding seat, the backrest and the armrests, which may be equipped with a writing tablet with an **“ANTI-PANIC”** mechanism or supplied without a writing tablet.
- A.1.3.** The central transverse supporting beam of the DIAS seating rows is manufactured from a special aluminium profile with a triangular cross-section of **120 × 90 mm**. The seats are mounted on the transverse beam, which in turn is supported on the floor by means of the supporting legs.
- A.1.4.** The supporting legs are manufactured from cylindrical steel tubing with a cross-section of $\varnothing 76 \times 2$ mm. The upper part incorporates a suitable socket for secure fitting and connection to the central transverse beam, while circular steel support feet are fitted to the lower part.
- A.1.5.** All metal components of the construction are finished with electrostatic powder coating, providing uniform surface protection, durability and a high-quality appearance.
- A.1.6.** The seat of the DIAS chair features a slight final negative inclination towards the rear and is manufactured from a suitably formed 2 mm thick steel sheet. Moulded flame-retardant foamed polyurethane with a density of $> 50 \text{ kg/m}^3$ and a thickness of 100 mm is cast onto the metal frame and upholstered with fabric.
- A.1.7.** The seat is foldable and is equipped with a high-strength twin folding mechanism, ensuring completely silent movement. The seat depth is suitably designed to facilitate the comfortable and safe passage of users between occupied seats.
- A.1.8.** The backrest is anatomically shaped, providing appropriate support to the user's lower back and back. It is manufactured from 12 mm thick plywood, onto which flame-retardant foamed polyurethane with a density of $> 50 \text{ kg/m}^3$ and a thickness of 70 mm is bonded. The polyurethane is upholstered with fabric, which also covers the rear side of the backrest. A

metal protective cover is fitted to the lower section of the rear side, protecting the backrest from the footwear of users seated behind.

Backrest dimensions:

- Width: **490/450 mm**
- Height: **750 mm**

A.1.9. The armrests are formed from shaped steel sheet and are upholstered with fabric. The upper part features a 22 mm thick MDF finishing cap, upholstered with PVC film in a cherry or walnut wood finish.

Armrest dimensions:

- Width: **70 mm**
- Length: **390 mm**

A.1.10. The seat may be equipped with a writing tablet featuring an **“ANTI-PANIC”** mechanism and a writing surface. The **writing tablet** can be fitted internally to either the right or left armrest. The tablet folding mechanism is made of metal and has a load-bearing capacity of up to **30 kg**.

Product certifications:

EN ISO 354:2003 – Acoustics – Measurement of sound absorption in a reverberation room.”

