

Classification

A. DIAS Amphitheater chair, with or without writing tablet

A.1. Technical Data

A.1.1. The DIAS chair is made of a metal frame covered completely with fire retardant polyurethane foam and fabric, of highest quality and strength.

A.1.2. The construction system of Dias chairs consists of the main transverse beam, the legs, the reclining seat, the backrest and the armrests with writing table (with “anti-panic” mechanism) or without writing table.

A.1.3. The main transverse beam for DIAS seating arrays is made of special aluminium profile of triangular cross section 120x90 mm. All the chairs are fastened on it, while the beam itself is mounted to the floor with legs.

A.1.4. The legs are made of round steel tube $\Phi 76 \times 2 \text{mm}$. The top end attaches to the main beam. The bottom end has round steel sheet mounting plates.

A.1.5. All metal components are powder coated.

A.1.6. The Dias seat has a slight inclination to the rear and is made of appropriately configured sheet and has a final thickness of 2 mm. This is covered with slow-burning molded polyurethane foam with $>50 \text{ kg/m}^3$ density and 100 mm thickness, and is coated with fabric.

A.1.7. The seat is reclining with a twin reclining mechanism of high strength and its movement is totally noiseless. The seat depth allows the comfortable passing of people through the occupied seats.

A.1.8. The backrest is anatomically shaped, with lumbar and back support. It is made of pressed and formed wooden sheets (plywood) and has a final thickness of 12 mm. It is covered with slow-burning molded polyurethane foam with $>50 \text{ kg/m}^3$ density and 70 mm thickness, and is

coated on all sides with fabric. The upholstery covers the back side of the backrest while at the bottom area there is a metal cover that protects from the shoes of those who sit at the rear row.

Backrest dimensions: 49/45x75 cm

A.1.9 The armrests are made of formed steel sheet with flame-retardant fabric upholstery and top cover made of 22 mm MDF, covered with PVC film in cherry or walnut wood decor.

Armrest dimensions: 7x39 cm

A.1.10 The seat can have a writing table with anti-panic mechanism and writing surface, which is mounted internally at any armrest, right or left. The retraction mechanism is made of metal and can withstand loads of 30 kg.

Dimensions

Total height:	94 cm
Total depth with open seat:	58+11 cm
Total depth with seat reclined:	46+11 cm
Seat width between armrests:	available from 50 to 55 cm widths
Seat width total:	57 to 62 cm depending on width between armrests
Seat front edge height:	46 cm
Armrest width:	7 cm
Armrest length:	39 cm
Mounting plate diameter:	22 cm

Upholstery choice out of 7 fabric groups with a large variety of colours.

Packaging

- a) main beam
- b) legs
- c) armrests
- d) seat
- e) backrest

Single chair: weight: 28,7 kg, volume: 0,20 m³



Two chairs with common armrest and two legs: weight: 48,2 kg, volume: 0,38 m³

Three chairs with common armrests and two legs: weight: 67,7 kg, volume: 0,55 m³

PRODUCT CERTIFICATES:

EN 13501-1:2002

EN ISO 20354

