13108 LYON

FUNCTIONAL FEATURES

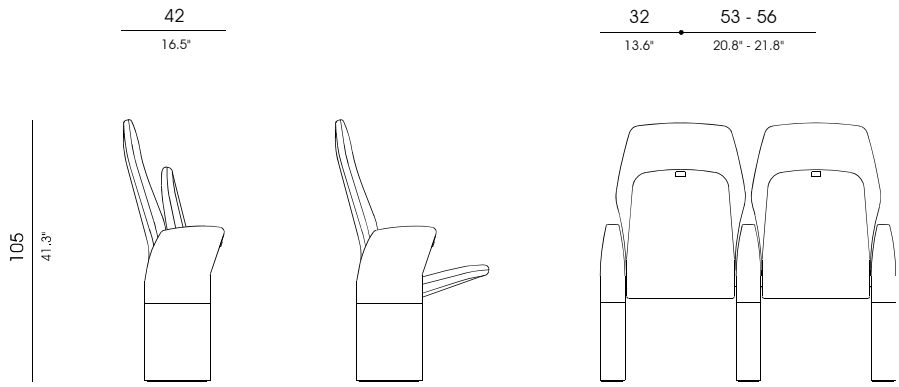
A modular chair with special acoustic characteristics. The seat is supported by a tubular frame to which the rear of the injected polyamide shell is attached. The shell is perforated to give the chair its exceptional acoustic behaviour. This frame also supports the seat cushion. The seat cushion consists of a single block consisting of a moulded plywood shell, polyurethane foam and upholstery. The whole block is integrated inside a mould when injecting the polyurethane foam.

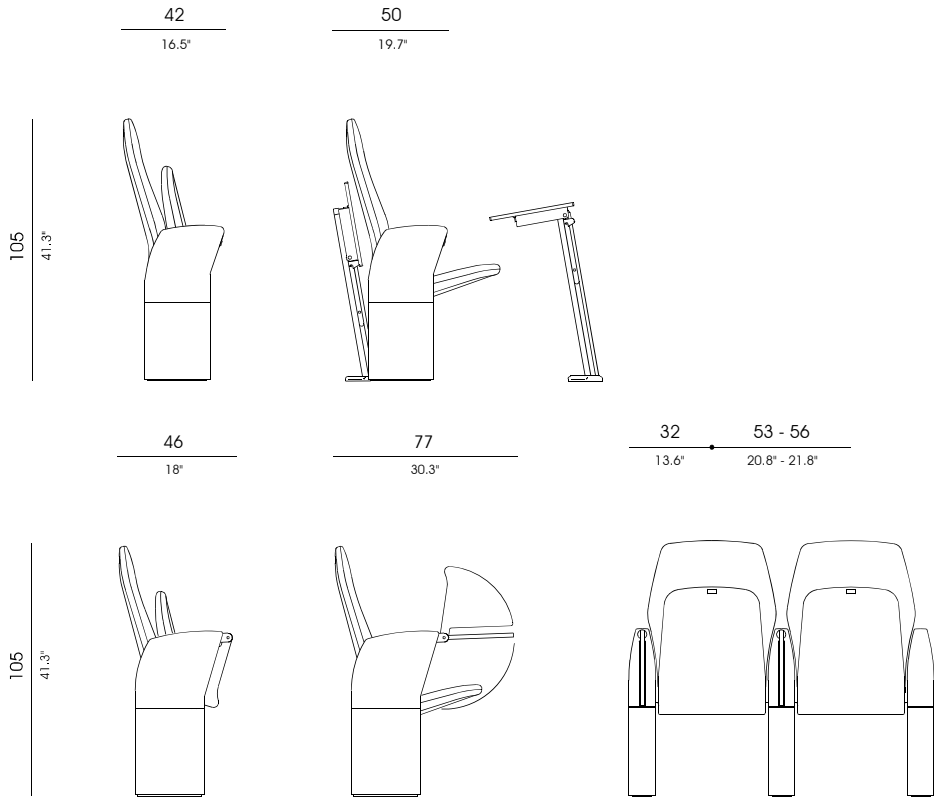
The backrest is supported by a tubular frame to which the shell is attached at the rear and the upholstered foam at the front. This frame ends in a 22 mm axis at the bottom which fits into the support anchorage in the middle column of the foot of the seat. This system makes it possible to vary the distance between axes from 53 to 56 cm and vary the backrest's angle of inclination. This in turn ensures that the backrests can be brought into perfect alignment and the chair can be adapted to suit the specific purpose for which the space where it is installed is to be used.

The seat and backrest consist of two moulded polyurethane blocks about an internal structure and upholstery without any seams or stitching that is fully integrated with the foam by means of the INTEGRAL FORM system. Between the upholstery and the foam of both the seat and the back, there is a 5 mm-thick TS System fire curtain that prevents fire reaching the foam, thus preventing down the emission of toxic gases and flames.

The chair rests on two feet. The foot column is made up of three elements that are joined together to form a single, monolithic assembly. All these elements are made of cast aluminium, with an average thickness of 5 mm, finished in powder epoxy paint that is highly resistant to impact and abrasion. The part that is attached directly to the floor is the base. The middle column, to which the backrest is fixed and where the seat's pivoting axis is housed, is mounted on this base. The third piece closes off the assembly and gives the column its final shape while also acting as an armrest. Each of these columns is shared by two seats.

The seat has two holes at the rear to ensure appropriate acoustic absorption when it is tipped up and not in use. It can optionally have grooves on the side of the column for installing heating and air conditioning systems and an electric socket in the armrest. In conjunction with the F 45 table, this is an ideal solution for working sessions, talks and lectures.





TECHNICAL CHARACTERISTICS

STRUCTURE:
- Steel plate and tube, welded with continuous arc.

POLYURETHANE FOAM:
- Seat density: 65 Kg. m3
- Back density: 57 Kg. m3

PAINT:
- Electrostatic powder epoxy
- Coating thickness: 70-80 micra
- Grid adherence: 100%

UPHOLSTERY:
- Pilling: Index 5 BS 5811

INJECTED SHELLS:
- Material:
  Polyamide

ALUMINIUM:
- Material: UNE L-2630
- Breaking Load: 20 Kg./mm2

FIRE STANDARDS

England: BS5852. Section 5. Ignition Sources 0, 1 and 5
Germany: DIN54342 part 1 and 2
Italy: CSE RF/4/83 class 1. IM
Spain/France: UNE 23727/NF 92-503
Upholstery: M1/Foam: M4/Plastic: M3

USA: CAL T.B. 133 (in approved fabric)

WEIGHT: 23 Kg.
VOLUME:0,17 m3 (K.D)