

6032 FLEX SEATING

FUNCTIONAL FEATURES

Folding chair that stands out because of its excellent balance between comfort and minimum use of space. The seat tips up automatically as well as the armrests.

The folding system lies in flipping up the armrests with the automatic return of the seat in a single movement. Thus, at the same time that the seat folds up automatically, the armrests move up to a vertical position so that the seat folded does not surpass the depth of 350mm. The sequence of movements described takes place automatically when the seat tips up. The backrest always keeps its fixed position.

The seat consists of a compact single block of cold moulded polyurethane foam that fully covers the internal metal structure of the seat. This structure comprises a curved tubular frame, a mesh of flat springs and hinge pins for the seat to swivel on. The polyurethane foam block is covered with an easily removable and replaceable zip-on upholstery. The backrest is made in the same manner as the seat. Ergonomics has been the primary aspect for designing both seat and back cushions.

Between the upholstery and the foam of both the seat and the back, there is a 5-mm thick TS System fire curtain that keeps fire from reaching the foam, thus preventing the emission of toxic gases and flames.

The seat tips up automatically thanks to an extremely quiet double spring system inside the seat shell (tested to 500,000 cycles) that requires no lubrication of any kind and which is extremely quiet.

The armrests also consist of a single upholstered block. Inside the armrest there is also an extremely quiet return spring (tested at 500,000 cycles), that requires no lubrication and which is extremely quiet.

The set of seat, back and armrests, is supported by a central foot, which consists of a tubular column of steel with a steel plate for floor fixation and a central bridge. The housings for the hinges are located in this central bridge –with a blocking mechanism- where the axes of the seat are supported.

In conjunction with the F-45 table or F-1000 table, this is an ideal solution for long working sessions and conferences.

TECHNICAL CHARACTERISTICS

STRUCTURE:

- Steel plate and tube, welded with continuous arc.

POLYURETHANE FOAM:

- Seat density : 60-65 kg/m³
- Back density : 50-55 kg/m³

PAINT:

- Electrostatic powder Polyester
- Coating thickness: 70-80 micras
- Grid adherence: UNE-EN ISO 2409: 100%

UPHOLSTERY:

- Fire Standars

Spain: UNE-EN 1021 Part 1 & 2

France: NF/P 92507

Italy: UNI 9175 Clase 1.IM

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

FINISHED PRODUCT :

- UNE-EN 12727 Level 4 (intensive use).

ALUMINIUM:

- Material: UNE L-2630
- Density : 2,7 gr./cm³
- Breaking Load: 20 kg/ mm²

WEIGHT:

28 Kg.

VOLUME:

0,18 m³ (disassembled)