



ЕЛЕКТРОЛУКС Electrolux

Factory - Intelligent Engineering, Shop, Sales and Service

8037 SERIES FUNCTIONAL FEATURES



A seat conceived for installation in lecture halls and conference centres, it strikes an excellent balance between the degree of comfort and maximum use of the space. The seat tips up automatically. The seat and backrest cushions have a specially studied ergonomic design. The seat has obtained excellent results on all the ergonomic tests carried out on it.

A modular seat made up of fully replaceable parts that has very generous dimensions. The nominal minimum distance between axes is 60 cm. This distance has not been achieved by adding wider armrests or supplementary items between the seats, but by increasing the dimensions of the seat and backrest, so that the actual minimum space for the user is 56 cm, a measurement that provides a high degree of comfort. The seat and backrest consist of two moulded polyurethane blocks about an internal metal structure and upholstery, without any seams or stitching, that is fully integrated with the foam by means of the INTEGRAL FORM system.

Adresa: ul.Braka Mingovi 18, 7000 Bitola; tel: 047/203-330 ,203 900ul.A.Guslarot.1a 02/329 8 130 Skopje

www.electrolux.com.mk www.elektroluks.com.mk e-mail: elek-palenzo@mt.net.mk

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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 from reaching the foam, thus slowing down the emission of toxic gases and flames. The backrest cushion has a specially designed anatomical shape with lumbar support and headrest and vertical fluting in the headrest. The seat cushion is also anatomically shaped, but is completely plain, without any channels or fluting, to keep out the dust. The seat and backrest are finished in fully washable IF727 material that protects the upholstery at the back.

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.

The seat and backrest assembly is supported by two side panels joined together by a central steel bridge. The supports or ball-and-socket swivel mechanism of the seat's hinge pins are contained in these side panels. The sides are made of high-density wooden panels upholstered down to the floor with a protective trim. At the bottom, they end in a steel plate base by means of which the seat is anchored to the floor, with the metal expansion plugs hidden inside.

They also incorporate a *GPL model* writing tablet. This is a large -420x360 mm- tablet made of varnished or lacquered wood. The panel stows away in the sides and folds in and out along a rail mounted on an aluminium profile. The movement is smooth, continuous and completely silent. This is an anti-panic writing tablet. In other words, when the seat is vacated the tablet automatically folds away into the side of the seat, thereby preventing the gangway from becoming blocked in the event of the hall having to be evacuated. The tip-up mechanism is also silent thanks to a rubber buffer.

Each armrest is shared by two seats, except for those at the end of the row or in the case of individual chairs. The arms are made of solid select wood varnished with fully fire-resistant two-component polyurethane. Both the seat and backrest incorporate the TX acoustic system, a set of holes at the rear, which give an excellent acoustic response. Optionally, the upper part of the rear panel can of the backrest may also be upholstered. The seat can be fully upholstered without losing any of its acoustic properties.

The backrest can also be made of HR. This type of backrest features a headrest that is integrated into the backrest. In other words, it is not an add-on, but is actually an integral part of the backrest. This headrest system has a clear ergonomic advantage, as it is a natural extension of the backrest, not a separate item that is added onto it.

For short conferences, this model can optionally include a lacquered wooden writing tablet that folds away into the side on an injected-aluminium hinge.

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

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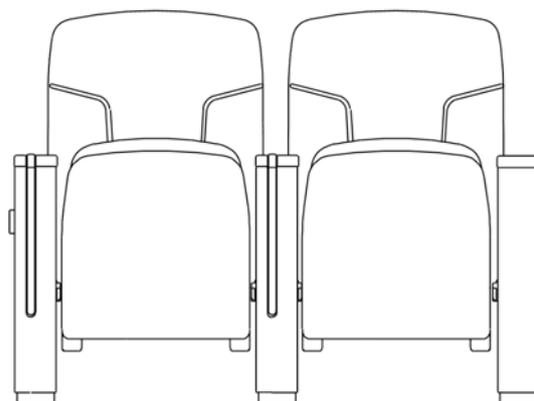
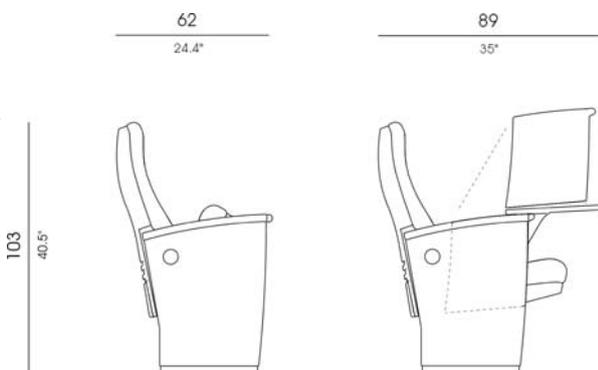


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TECNICAL CHARACTERISTICS

38 63 - 65
15" 24.8" - 25.3"



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%

Ovo je sopshtvenost na Electrolux-Bitola. Bez negovo pismeno odobruvanje istiot nesmee da se prepisuva , umnozava niti kopira bez soglasnost od Electroluks vo sprotno se snosat posedici vo smislana clenovite 163 i 164 od kriticniot zakon R.M. (povreda na avtorsko pravo)

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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).

POLYPROPYLENE:

- Material: Copolymer Polypropylene: IF-727
- Resistance to breakage DIN 53455: 28 N/mm²
- Resistance to impact DIN 53453: without breakage

WEIGHT: 29 Kg.

VOLUME: 0,21 m³ (disassembled)

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