ENERGY SEAT®

ENERGY SEAT® – Standard Stadium Seats

Seats intended for sports facilities, automatically folding using a spring hinge mechanism. Plastic components of the seat and backrest are made of polypropylene copolymer manufactured by injection moulding with gas-assisted injection technology, allowing significant reinforcement of the part edges along the entire perimeter.

Metal components of the seat are made of steel with a minimum thickness of 4 mm, protected against corrosion by hot-dip galvanizing or powder coating, with rounded forms and no sharp edges.

The seat and backrest are contoured. The chair structure allows ergonomic configuration according to user requirements.

Seats are designed with attention to reducing resource consumption during the production process, thereby positively impacting the natural environment.

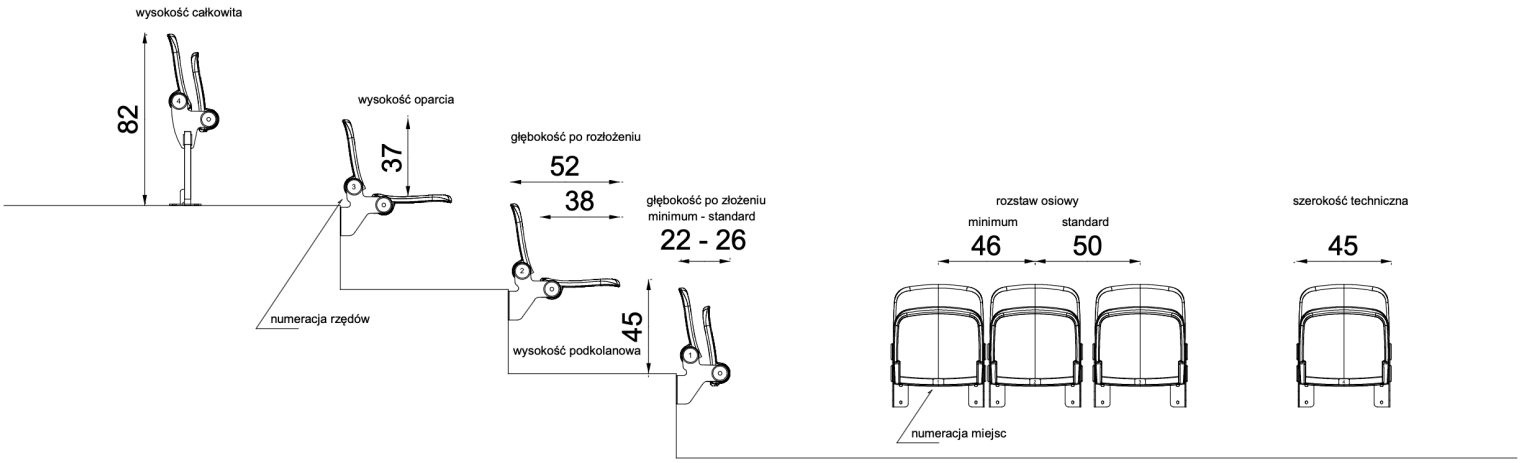
Seats are individually fixed to the vertical concrete surface of the grandstand without the need for additional heavy frames or beams, which allows the weight of one chair to be limited to approximately 6kg.

The structure of chairs mounted individually to the riser is not welded; welding processes are limited to seats mounted on metal benches in the top rows of the grandstands. Minimizing welding significantly improves the visual aspect of the product and reduces the carbon footprint.

Seat and row numbering is made of aluminium, attached in visible and dedicated locations on the seat.

Seat Dimensions

- Folded depth: minimum 22 cm, standard 26 cm
- Height measured from floor level: 82 cm
- Seat width: 45 cm
- Recommended centre-to-centre spacing: 50 cm

Compliance with standards & norms

- Safety, strength and durability requirements in accordance with EN 12727, Level 4
- Reaction to fire when exposed directly to flame in accordance with EN 11925-2
- Testing of emission of toxic decomposition and combustion products in accordance with PN-B-02855
- Ignitability testing according to EN 1021-1 and EN 1021-2
- Hygienic Certificate.