

## Technical data sheet - Evolve



High back and standard back models

### Description

Offering contemporary styling and outstanding support, Evolve is also a highly adaptable chair, available in three types:

Fold down (for retractable platforms)

Fixed (for traditional auditoria)

Removable (with our Matrix floorbar system)

Available in a choice of standard or high back models, Evolve folds to just 145mm deep when unoccupied. There are no springs - its seat, back and arms are perfectly balanced to rotate into an upright position. This creates comfortably wide walkways throughout the auditorium.

### Features

Self tipping design with auto-tip armrest

Compact dimensions when closed

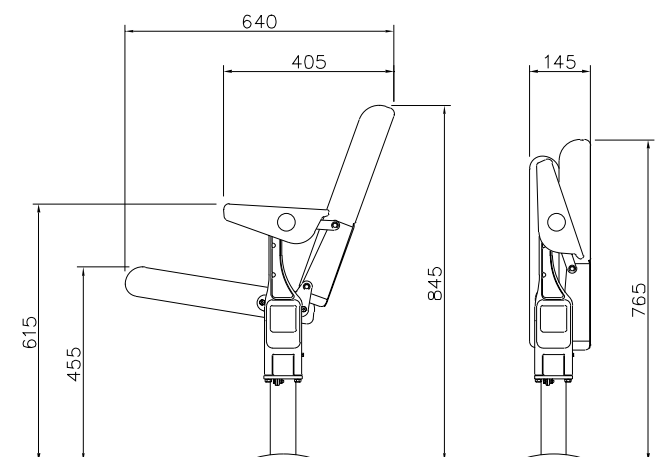
Suitable for use on min 260mm row rise / 800mm row depth retractable platforms

Options include a sprung seat core for outstanding support and decorative timber panels for the rear and/or under the seat. There is also a choice of three armrest designs, and an optional fold away writing tablet.

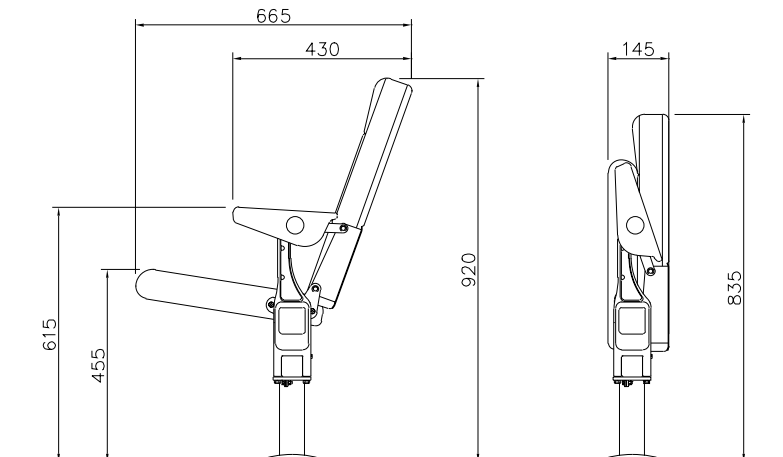


Removable Evolve chairs on our 'Matrix' floorbar system

NB: All dimensions are nominal.



Standard back model, tread fixed



High back model, tread fixed

## Seat widths

(Measured between the centres of two adjoining chairs)

480, 490, 500, 510, 520, 530, 540, 550mm

## Telescopic system parameters

When mounted on a telescopic (retractable) system:

Minimum row depth = 800mm (850mm recommended for comfort)

Minimum row rise = 260mm (Add 20mm for timber back)

## Fixing methods

Beam mounted (tread or riser fixed), fold-down (for TX Telescopic Platforms) or matrix (for flat floor configurations).

## Specification

### Seat

50mm polyurethane CMHR foam on 12mm plywood core, fully upholstered.

Options:

- Pocket sprung seat core in place of plywood core.
- Veneered 'show-wood' timber under-seat panels - plain, slotted or perforated designs.

### Backrest

45mm polyurethane fabricated CMHR foam on 12mm thick preformed plywood, upholstered.

Options:

- Veneered 'show-wood' timber back panels

### Chair frame

Die cast one piece aluminium arm stanchion incorporating seat pivot assembly clamped to 50 x 50 x 2.5mm steel tube cross beam. Finished in epoxy polyester powder coat, matt black RAL 9005.

### Armrest

One piece black ABS injection moulding.

Options:

- Timber
- Curved timber
- Upholstered



Top: Fold away writing tablet

Above: Timber, curved timber and upholstered armrests

## Seat tip up mechanism

Counterweight tip up.

## Tube end plugs

Injection moulded low density polyethylene.

## Standards

### Strength and stability

Evolve is designed to comply with BS EN 12727:2000 level 4.

### Flammability

Upholstery fabric and foam comply with BS 5852 1990 (sources BS EN 1021-1, 0; BS EN 1021-2, 1 and 5) or European or other standards as specified.

## Variations

The following variations are available:

- Upright backrest geometry for correct posture in upper tiers
- "CC" (Concert Comfort) model with thick, sprung seat
- Fixed back model suitable for arena environments, where the back does not move as the seat is tipped up.

## Other Accessories

- Seat dampner for soft action seat closing
- Seat numbers
- Aisle letters
- Cupholder (requires a small modification to the shape of the seatpan)
- Fold away writing tablet with anti-panic mechanism



Audience Systems Ltd reserves the right to change the design, specification or price of products without prior notice.