

## Technical data sheet - Alto featuring Ducktail Seat®



### Description

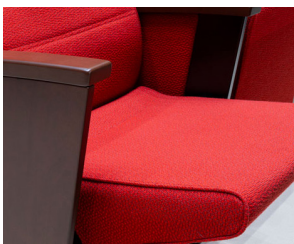
An auditorium chair that offers exceptional comfort thanks to its unique Ducktail Seat®. The team at Kotobuki in Japan designed the seat using pressure distribution mapping. The result is reduced burden on the lower back when sitting for an extended period.

The seat was designed by Kotobuki in Japan, inspired by the “zafu” cushions used during zazen meditation. The front edge of the seat is tapered to allow free movement of the lower legs. With a contoured backrest that gives outstanding lumbar support, this is a chair in which your audience will truly feel the difference.

### Features

- Superb comfort
- Enclosed, damped, spring-tip mechanism for safety and smooth, silent action
- Attractive wood reveal and surround to backrest
- Timber armrests, end panels and outer back
- Optional writing tablet
- Removable seat cover for ease of cleaning

### A Study in Comfort



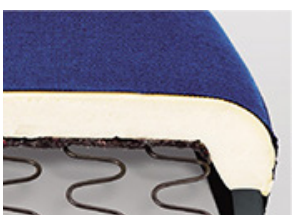
#### Ducktail Seat

Creates a continuous, supportive transition between seat and backrest, reducing pressure on the lower back.



#### Tapered Front Seat Edge

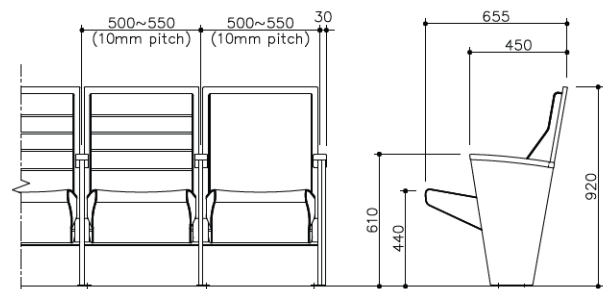
Allows free movement of the lower leg for improved circulation.



#### Waveform Spring

Used in luxury car seats, this system of springs ensures balanced load distribution across the seat. The springs support the body in an ergonomically correct posture, improving blood circulation and reducing fatigue.

### Dimensions



All dimensions are nominal.

### Strength

Tested to the highest level of the British and European standard for ranked seating, BS EN 12727 (Level 4).



## Standard Specification

- Seat: Removable upholstery cover on moulded urethane foam. Frame: Pressed steel with waveform spring. Gentle seat tip-up mechanism.
- Back: Upholstery cover on moulded urethane foam. Back panel: Moulded plywood with PU coating (see finishes below).
- Tipping Mechanism: Damped, self rising spring tip mechanism.
- Armrests: Solid wood with PU coating (see finishes below).
- Leg: Steel tube and pressed steel plate with powder coated finish, standard colour black. Floor fixed.
- Fabric: To customer specification.
- Writing Tablet (if specified): Melamine laminated plywood. Rotating mechanism: Die-cast aluminium allow with powder coated finish, standard colour black. Anti-panic folding mechanism.

## Options



End Panel



Quilted Backrest



Anti-Panic Writing Tablet



Transfer Arm

Gently moves aside if user stands suddenly in the event of an emergency evacuation.

To improve accessibility. (Shown with non-standard aisle light)



Under seat panel



Integrated aisle light and row letter



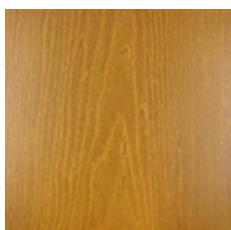
Row letter



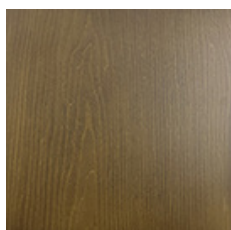
Seat number

## Wood Finish Options

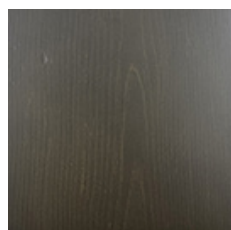
For reference only. Please do not rely on printed or on-screen swatches as an accurate representation of finish.



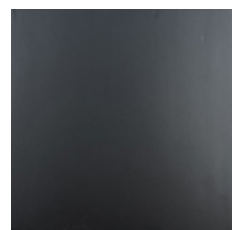
KSW-01  
Honey Brown



KSW-02  
Cocoa Brown



KSW-03  
Coffee Brown



KSW-04  
Solid Black



KSW-05  
Pure Ivory