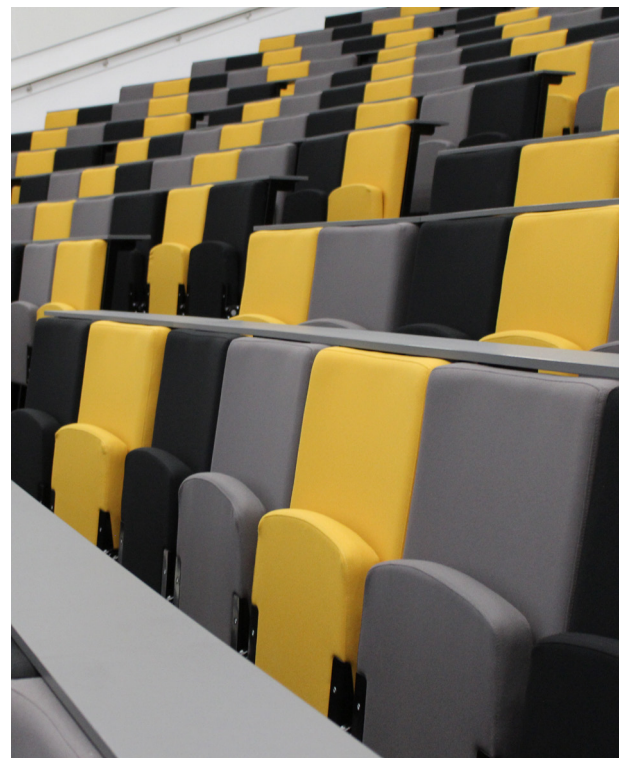


Technical data sheet - Scholar



Summary

An exceptionally durable and flexible seating system designed for lecture theaters of all styles and configurations.

The width of the seat and height of the back are variable to perfectly fit most auditoria, including curved layouts. A wide range of upgrades are available to the basic specification. For example, seats can be furnished with a resilient plastic outer that minimises upholstery wear, backrests can be enhanced with attractive stitch details and writing tablets can be specified in any reasonable finish or material.

Features

- Variable back height and seat width
- Suitable for straight or curved layouts
- Made-to-measure writing tablets with durable melamine finish
- Choice of seat shapes
- Pocket sprung seat option for enhanced comfort
- Multiple customization options available; see reverse for details
- Optional plastic protection panel to seat base
- Proven tough spring tip mechanism
- Chairs satisfy the requirements of BS EN 12727:2000 Level 4 (severe)
- Chairs can be upholstered in any suitable contract fabric

Fixing methods

Tread fixed



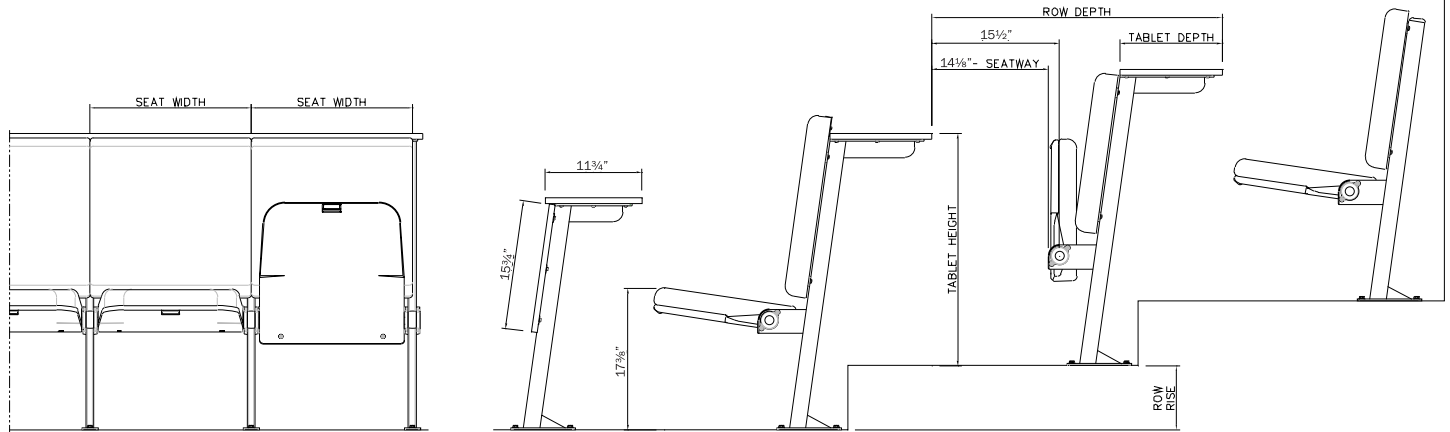
Standards

Strength and stability

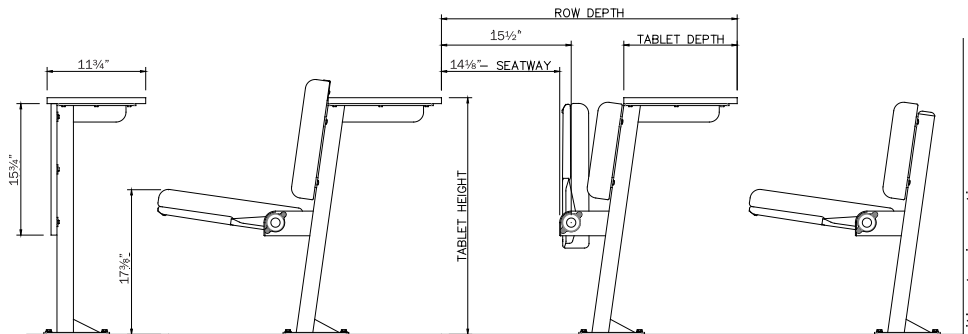
Chair satisfies the requirements of BS EN 12727:2000 Level 4 (severe).

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.



Drawings show tiered layout (above) and flat floor layout (right). Some dimensions depend on room configuration, customer preferences and age of students. Where stated, dimensions are nominal.



Seat widths

With plastic seat protection panels: 18 $\frac{7}{8}$ ", 19 $\frac{5}{8}$ ", 20 $\frac{1}{2}$ "

Without plastic seat protection panels: Variable to suit auditorium

Specification

Seat: standard type

Semi-round shape: 2 $\frac{3}{8}$ " polyurethane CMHR foam on $\frac{1}{2}$ " plywood core, all fully upholstered. Optional protection panel to the underside is injection molded polypropylene in black or gray, or $\frac{1}{4}$ " veneered timber (other timber finishes available on request).

Round or square shape: 2 $\frac{3}{8}$ " polyurethane CMHR foam on $\frac{1}{2}$ " plywood core, all fully upholstered. Optional protection panel to the underside is $\frac{1}{4}$ " veneered timber (other timber finishes available on request).

Seat: pocket sprung type

Semi-round shape: Pocket springs encased in polyurethane CM/CH foam on $\frac{1}{2}$ " plywood core, all fully upholstered. Optional protection panel to the underside is injection molded polypropylene in black or gray, or $\frac{1}{4}$ " veneered timber (other timber finishes available on request).

Round or square shape: Pocket springs encased in polyurethane CMHR foam on $\frac{1}{2}$ " plywood core, all fully upholstered. Optional protection panel to the underside is $\frac{1}{4}$ " veneered timber (other timber finishes available on request).

Backrest

1 $\frac{5}{8}$ " polyurethane fabricated CMHR foam on $\frac{1}{2}$ " thick preformed plywood, with optional side-to-side contour curving and/or lumbar support, fully upholstered. Extended height option available.

Chair frame

Fabricated steel construction with associated steel fabrications for fixing seat and back. Epoxy polyester powder coat finish in black (other colours on request subject to availability).

Seat tip up mechanism

Innovative cast aluminum pivot. The seat pan automatically tips when not in use. Entire mechanism is housed in a protection cover for safety, preventing any possibility of finger entrapment.

Writing tablet (Standard specification - for other options see "Options and Accessories" below)

$\frac{5}{8}$ " MDF with melamine finish, colour: Oak. Matching edge banding (as standard). Ends of adjacent lengths of writing tablets are finished and abutted.

Tube end plugs

Injection molded polyethylene, black.

Options and accessories

Writing Tablet

Options are shown below, with standard specification underlined:

Core board and surface	Surface Colour / Design	Edge Detail
<u>MDF with melamine finish</u>	<u>Oak</u> or other finishes at additional cost	<u>Matching edge banding (as standard).</u> Other options on request, including stained edge.
Plywood core with laminate finish	To customer's choice, subject to availability	Oil edge (plywood pattern visible). Other options on request
Real wood veneer with clear lacquer on MDF or plywood		Bullnosed and lacquered

- Extended height back to overtop writing tablet with steel protection panel to exposed upholstery
- Backrest stitch detail
- Curved backrest for side support
- Additional foam options for lumbar support
- Two tone backrest upholstery
- Seat numbers
- Aisle letters
- Straight or angled modesty panels