



Photos,

Acromats premium seating solution for the Sydney Opera House.

Planning and Technical Advisory Service

When preparing seating for your venue, it is critical to incorporate the platform design in the planning stage. This will ensure your seating conforms to the anticipated functions of the facility.

Step 1

Budgeting

1. Select the platform system, S10, S20, S60.
2. Select the seat you require.
3. Use the charts to estimate number of seats and establish approximate dimensions.
4. Contact Acromat for the latest budgeting prices.
5. Multiply budgeting prices by the number of seats to arrive at an approximate cost.

Step 2

If you are happy with budgeting price ask Acromat to provide, free of charge or obligation,

- > Seating layouts
- > Cost estimates
- > Estimated floor loads.

Acromat will require the following to provide these services:

- > Anticipated patterns of usage
- > Desired spectator capacity
- > Drawings of building:
 - Floor plan
 - Internal wall elevations
 - Sections of floor, walls and ceiling
- > Your selection of platform
- > Your selection of seat
- > Your special seating requirements.

What is Retractable Seating

Acromat retractable seating is rows of tiered platforms that can easily store away when the area is to be used for other purposes.

Each platform stores under the one above minimising storage area.

Specially designed folding seats fit to the platform and remain on the platform when stored.

Why use Retractable Seating

Retractable tiered seating offers:

- > Optimum use of facility space
- > Savings on land and building cost
- > Increased revenue potential
- > Fast and imaginative seating arrangements
- > Comfortable and optimum viewing for patrons.

Selection of Retractable Tiered Seating

Portable retractable tiered seating

- > The ability to alter seating layouts can be critical to the success of theatre, conference and sporting events.
- > Portable retractable seating can be moved quickly and easily to new locations within the building.
- > Portable retractable seating can be moved by mechanical trolleys, airlift trolleys or fork-lifts.
- > The length and number of platforms are limited by the total weight, floor type and the method of transport.

Fixed retractable tiered seating

- > The ability to allow full utilisation of the available floor area quickly and efficiently.
- > Units can be divided into smaller sections for manual operation with limited rows or motorised to allow unit to extend and retract as one.
- > Motorised fixed units allow increased number of rows, up to 20 and increased length up to 40 metres with standard designs.

Acromat Retractable Seating Definitions

Platform Definitions

- > Platform width - the distance in millimetres from front to back. Standard dimensions used in this catalogue are minimums. All platform widths can be increased to suit customer's requirements.
- > Platform length - measured in millimetres from end to end of seating. The number of chairs in a row will determine the platform length.
- > Rise - the vertical distance measured from one platform to the next. The rise dimensions in this catalogue are minimum with standard designs. The rise can be decreased for special applications. This usually will increase cost. The rise can be increased to improve sight lines or to fit building dimensions.
- > Mobile Unit manual operation - lifted by mechanical trolleys, manually moved and manually extended and retracted.
- > Mobile Unit automatic extension and retraction - lifted by mechanical trolley, manually moved, and extended and retracted using motors.
- > Mobile Unit fully automatic - unit is moved using motors, extension and retraction is motorised.
- > Fixed Unit manual operation - fixed to the wall or floor. Manually extended and retracted.
- > Fixed Unit automatic extension and retraction - fixed to the wall or floor, extended and retracted using motors.

Seat Definitions

- > Seats manual operation - chairs are ganged in threes and twos. A foot-controlled mechanism allows the seats to fold into the stored position.
- > Seats automatic operation - chairs are ganged on a continuous beam. A push-button system automatically raises and lowers the chairs.
- > Seat fully upholstered - seat and back are covered with a slide-on cover and zipped closed.
- > Seat with upholstered inserts - seat and back have an upholstered pad only on the front surfaces.
- > Seat centres - the distance between seat centres adjacent to each other. Catalogue uses the minimum seat of 460mm. Seat centres can be increased to improve comfort.

Handrails

- > Handrails removable - panel type design to suit sockets in the platform. Side handrails must be removed to retract unit.
- > Handrails fixed - panel type design bolted to the platforms. Side handrails retract with the platform.