



mediatek™

Library and archive shelving systems
Taking shelving to the next level



mediatek™

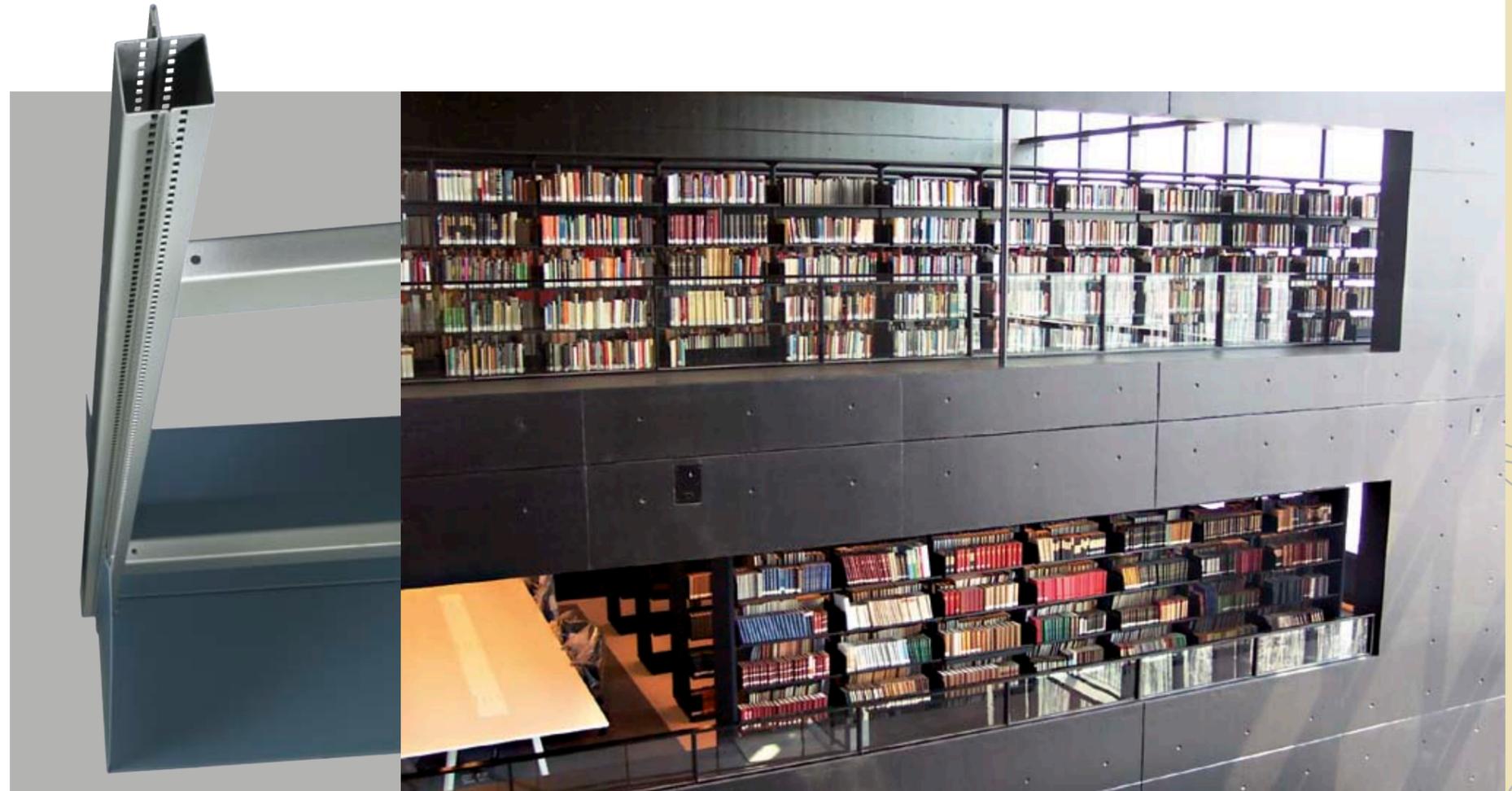
Library and archive shelving systems

The **Mediatek™** range of shelving is designed to offer space efficient and aesthetically pleasing storage solutions for a wide range of applications and industries. Libraries, archives, banks and offices can utilise the versatile **Mediatek™** system to create shelving arrangements which are flexible, durable and reliable.

Space optimisation, efficiency and operator convenience are priorities of a Bosco **Mediatek™** installation. Developed and manufactured in Europe for more than twenty years, the **Mediatek™** range draws on proven design solutions and

years of development to offer a superior level of quality, flexibility and durability for every installation.

The core of the **Mediatek™** system is the central pillar construction. These uprights offer double slots at 15mm intervals to enable versatile shelving configurations. The pillar incorporates a guiding edge which eases the installation and/or replacement of loaded shelves; bay bases or displays can be easily adjusted at any time according to your needs. From planning and conception, through manufacture and assembly Bosco provides



The core of the **Mediatek™** range is the central pillar incorporating a unique guiding edge which eases the installation and or replacement of loaded shelves whilst providing the highest possible strength and stability for each bay.

dedicated resources to assist you in the selection, design and installation of your **Mediatek™** shelving system.

Drawing on proven designs, technical knowledge and experience, our team will work with you to ensure your **Mediatek™** shelving system provides an ideal storage solution for your specific application.



Shelves incorporate an interlocking side panel. This innovative design, which utilises no permanent fixtures, makes assembling shelves and bays quick and trouble free and allows loaded shelves to be relocated without difficulty. Once assembled the shelf and side panel are seamless, eliminating the risk of items becoming wedged.



Standard and custom designed lighting solutions are available as part of every Mediatek™ installation. Lighting is an important consideration as it can improve the accessibility and utilisation of storage areas. The Mediatek™ system enables lighting to be integrated into the installation easily. Our design team are available to advise and assist you in ensuring the best lighting solution for your application.



University of Western Australia,
Science Library

Uncompromised flexibility

Mediatek™ shelving systems are manufactured by Bosco for each application. Unique configurations are assembled from the wide selection of optimised system components within the **Mediatek™** range. Your system will be manufactured by Bosco to your requirements. This allows you the opportunity to customise your installation. Select from a wide range of shelving options, bay sizes, colours and

accessories to optimise your storage solution. We understand user requirements often change, the **Mediatek™** system has been developed and refined in Europe over the past 20 years with the flexibility to adapt to your changing needs. The modularity of the **Mediatek™** system enables you to add shelves or accessories to your system as your needs change.

The **Mediatek™** shelves and shelf accessories can be assembled and adjusted without the use of tools or special equipment. Shelves and accessories can be positioned at 15mm intervals to suit various sized books and media. Once assembled the shelves and pillars create a load bearing structure capable of supporting heavy weights. **Mediatek™** shelves are made from high quality steel with a proven load capacity of 70kg per shelf UDL*.



*UDL = Uniform Distributed Load

Accessories

Optimise your shelving system with Mediatek™ accessories

Accessories provide storage and display solutions that maximise the functionality and usability of the **Mediatek™** range.

Our comprehensive range of **Mediatek™** accessories includes magazine shelves, partitions, roll out reference shelves, adjustable book ends, hanging loop dividers, identification labels, lights, folding tables and many more.

Mediatek™ accessories were developed to optimise the storage of a wide range of items including books and archives, office files and artifacts.

Top covers



Top covers are available as optional accessories, protecting stored items from dust. Fluorescent lights can be integrated into top covers to illuminate aisles.

Levelling feet



Adjustable levelling feet allow bays to be positioned perfectly, increasing stability and accommodating uneven floors.

Folding tables



Folding tables can be fixed to the central pillar and positioned at user determined heights.

Reference shelf



Roll out reference shelves can be integrated into shelf configurations. These pull out from below shelves and provide a platform to rest an open book or note pad whilst researching.

Magazine shelf



Angled shelves are ideal for displaying the graphic covers of magazines and brochures.

Base shelf



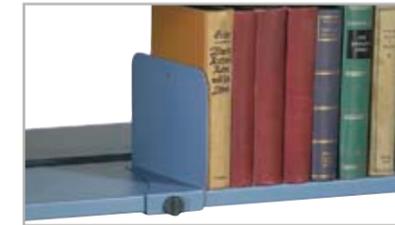
Optional base shelves prevent books from being lost or misplaced under the shelving system.

Hanging loops



Hanging loops provide a convenient divider system for stored items on lower shelves and can be freely located at any position along the shelf.

Metal book end



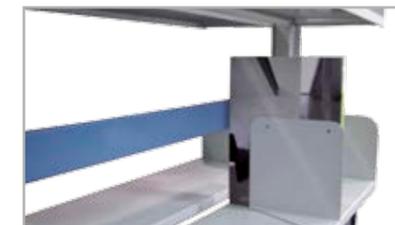
Metal book ends with an integrated locking mechanism can be locked or unlocked by rotation of the adjustment knob. Book ends can be freely located and repositioned along the shelf.

Display shelf



Display shelves provide optimised filing and easy removal of selected items. Ideal for storing several volumes of publications.

Backstop



Shelf back stops provide alignment for books and also prevent books from falling in the gap between shelves.



Technical Specifications

Standard shelving heights*

post height (mm)	overall height (mm)	shelf levels	clear opening (mm)
900	990 - 1010	2	365
1100	1190 - 1210	3	320
1400	1490 - 1510	4	300
1700	1790 - 1810	5	300
1895	1985 - 2005	6	275
2195	2285 - 2305	7	275

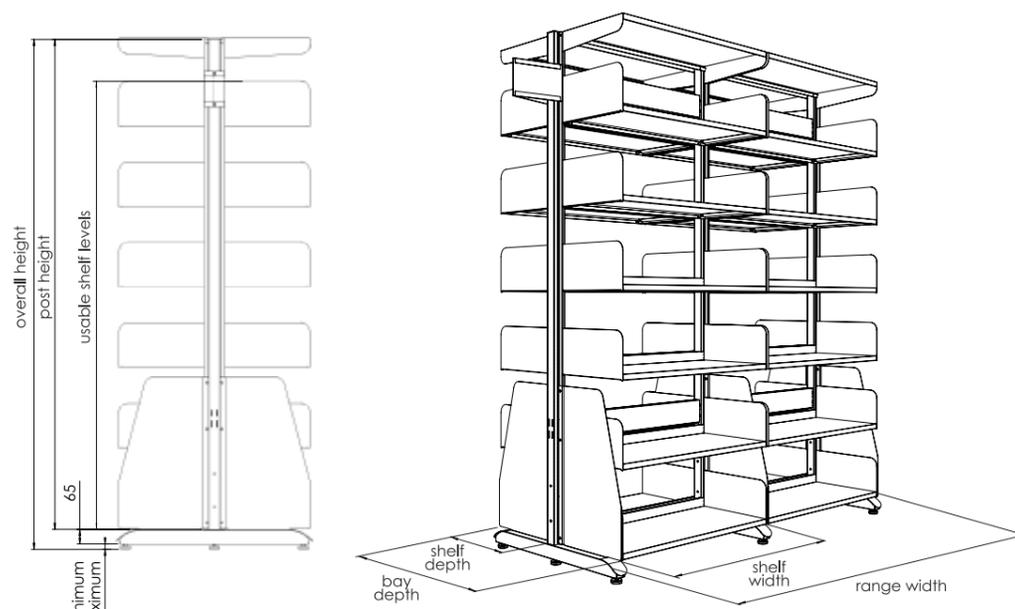
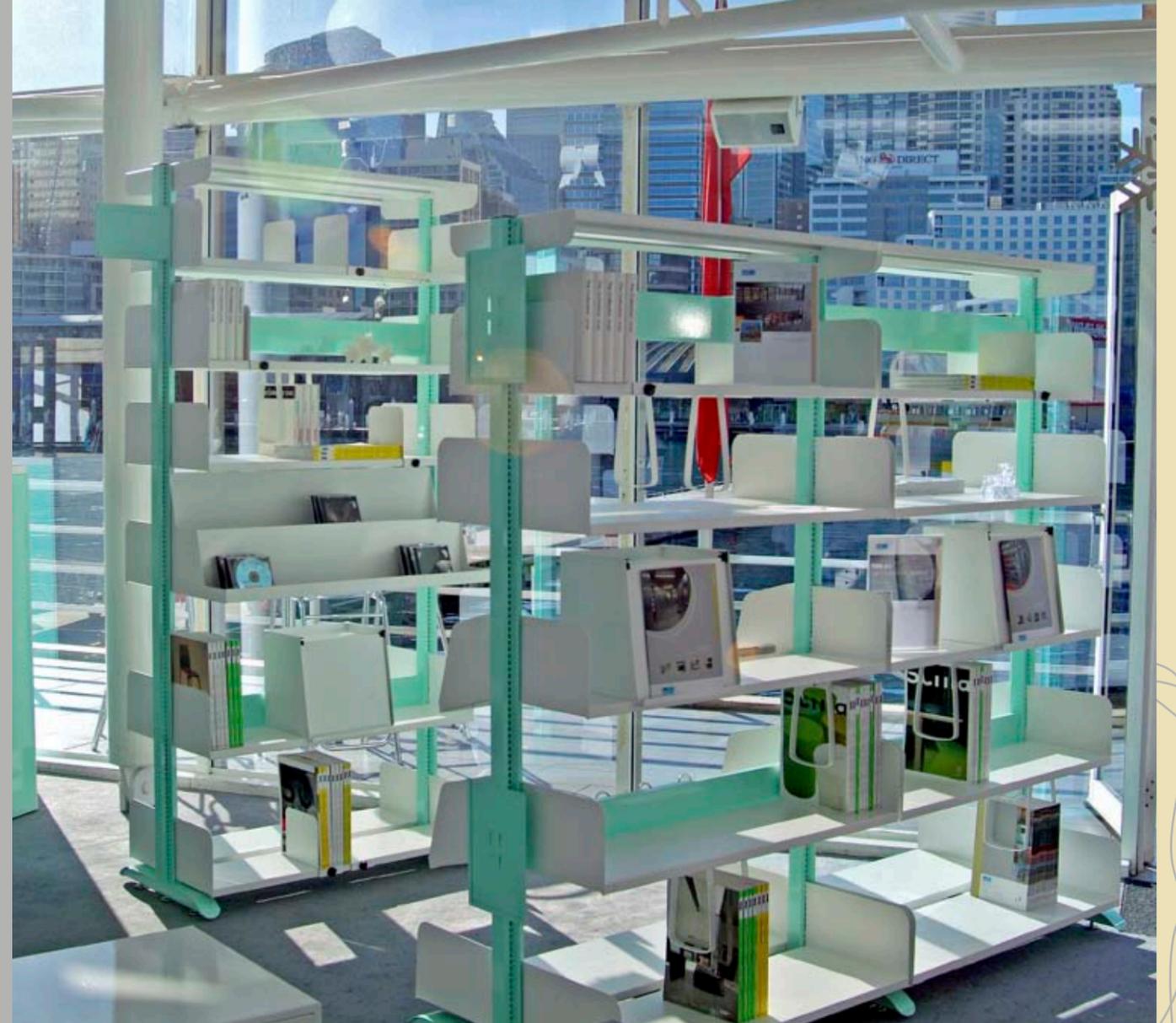
Minimum shelf clear opening that can be achieved is 185mm

Technical specifications*

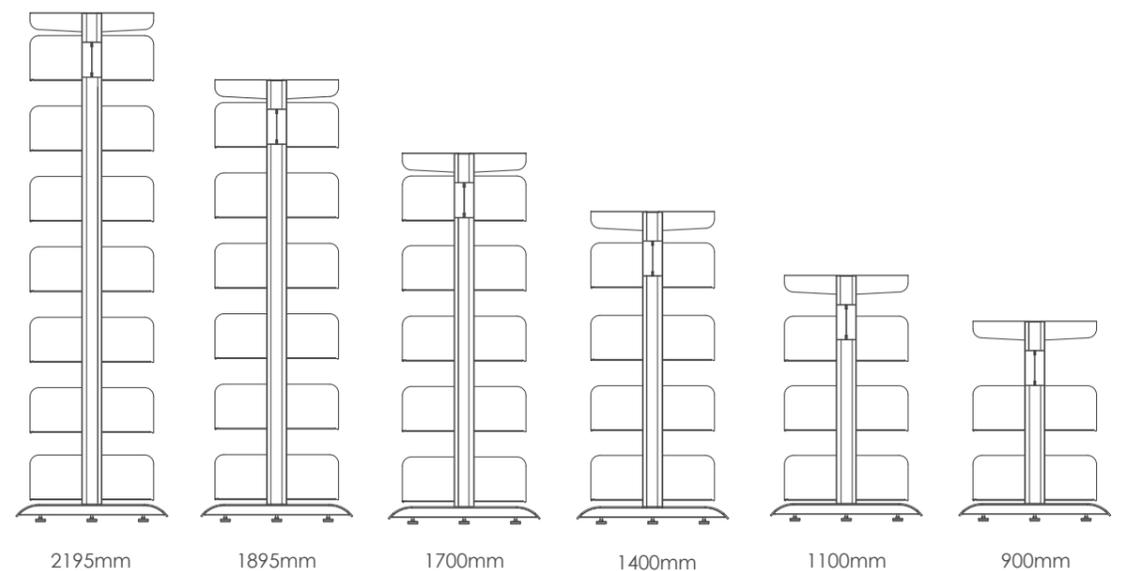
bay heights available (mm)	900, 1100, 1400, 1700, 1895 & 2195
shelf widths available (mm)	750, 900 & 1000
shelf depths available (mm)	200, 250, 300, 350 & 400
shelf load capacity	70kg UDL

*N.B. All dimensions are nominal. Mediatek posts can be manufactured to custom heights on request.

Mediatek™ shelving systems are available in a wide range of colours including non-slip textured finishes, mattes and glosses to suit your project design requirement.



range width (mm) = sum of shelf widths + 70mm
 overall height (mm) = post height + 65mm + 24mm to 44mm
 bay depth (mm) = sum of shelf depths + 52mm

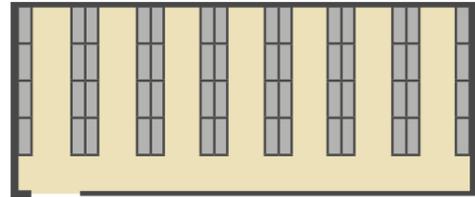


Unless otherwise specified, shelves illustrated with a clear opening of 330mm.

Mobile mediatek™

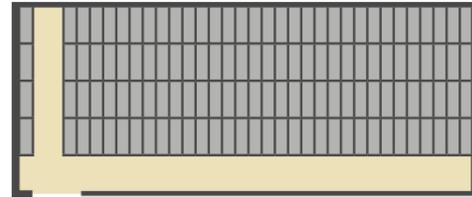
A standout feature of the **Mediatek™** is the availability of the range as both a static and mobile shelf system. Select a mobile shelving system to drastically increase storage capacity or static for applications requiring regular or frequent access. Available in manual, mechanically or electrically assisted operation the **Mediatek™** mobile shelving system can maximise usable space and optimise archiving and record storage.

100 %

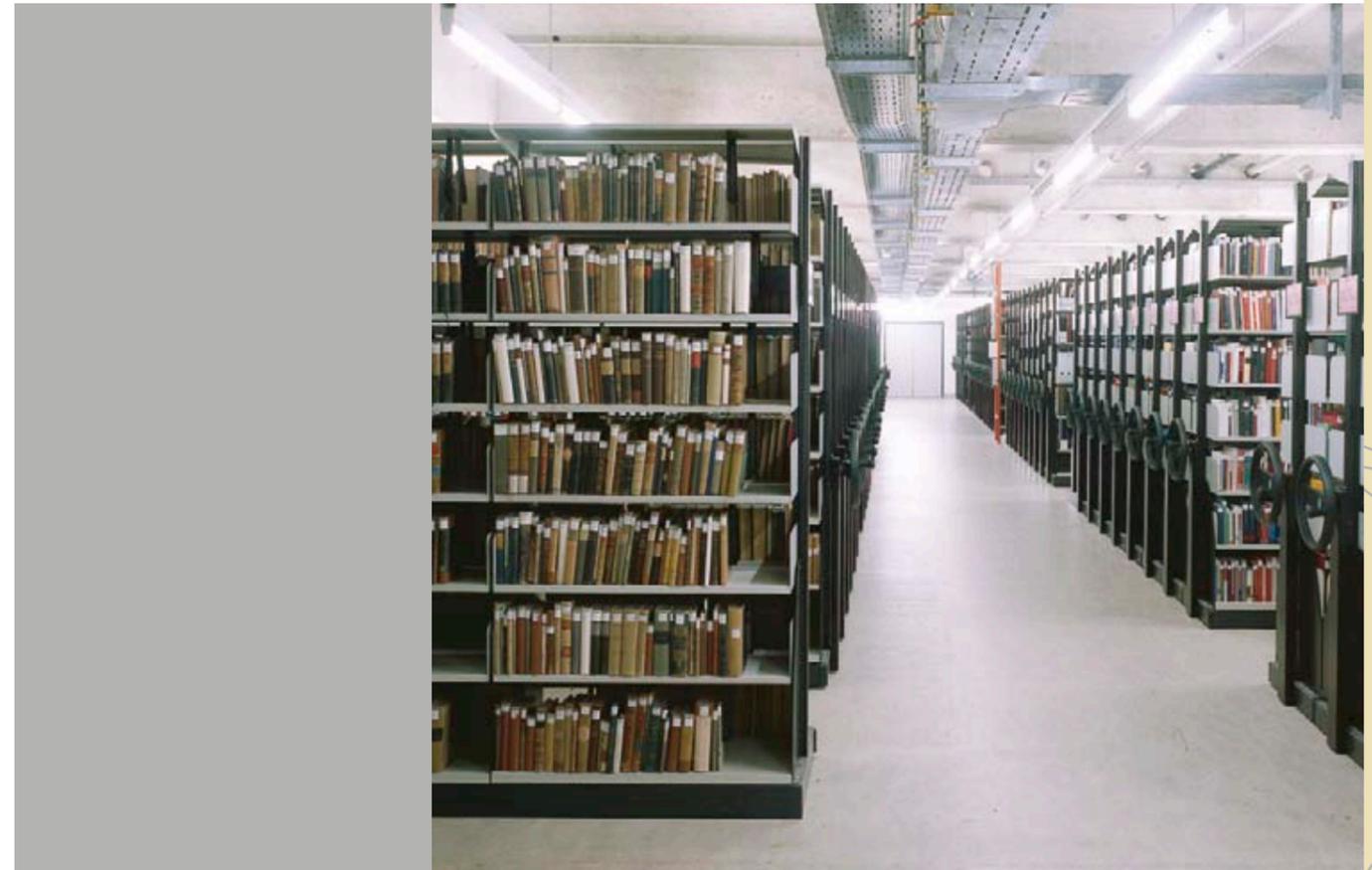


Usable area - Mediatek™ Static (Static shelving)	Space utilisation (Static shelving)
6 double sided shelves, each with 8 shelf bays, and 2 single-sided shelves, each with 4 shelf bays give a total of 56 shelf bays, each with 6 compartments equivalent to 336 running metres.	There is an aisle at least 750mm in width between each shelving unit. In our example, this means 61% of the available storage area is taken up as aisles.
Capacity = 100 %	Space utilisation = 39 %

228 %



Optimised usable area (Sliding shelving)	Space utilisation (Sliding shelving unit)
15 Mobile shelves with 8 shelf bays and 2 end shelves with 4 shelf bays give a total of 128 shelf bays, each with 6 compartments equivalent to 768 running metres.	Only one 750 mm aisle is needed for the whole shelving system. This means the proportion of the space needed for access is reduced to 7% compared to the static shelf system (see left).
Capacity = 228 %	Space utilisation = 93 %



Manual Operation

The manual drive is the maintenance-free, economical solution for smaller installations (max 2000kg). Manually operated **Mediatek™** systems can be moved effortlessly due to their smooth running rollers and high precision tracks.



Mechanical Operation

With extra power for easy movement of several shelf units at one time, the mechanical drive is the ideal solution for medium to heavy duty loads. Using our standard gearing ratios of 1:1500 or 1:3000 to the shelf load, it is possible to move several heavily laden bays effortlessly.



Electrical Operation

Electrical systems are suitable for large or heavy shelf units or where frequent access is needed. Controls located at the front of the bay open the selected aisle immediately. Bays move simultaneously to provide desired aisle opening. Every shelving unit has its own motor which starts and stops smoothly. Safety mechanisms and EMERGENCY push button cutout are incorporated to reduce the risk of injury.

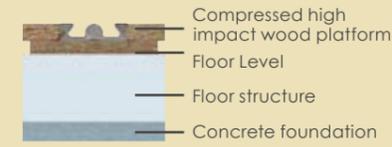


Anti-tilt mechanism
The innovative shape of the track can hold the anti-tilt mechanism securely without creating additional grooves in the floor.



Driving chain
The innovative system of fitting the driving chain into the runner eliminates the need for separate rails.

Surface installation



Underfloor installation



System E (internal rollers)



Internal double ball-bearing runners and cast iron track wheels with wheel flange guide mechanisms ensure secure parallel guidance with minimal friction.



Mediatek™ mechanical and electrical operated units are driven by twin chains which control the running wheels on each side of the shelving bay via torsion-proof shafts. The parallel guiding mechanism and 130mm diameter double ball bearing cast iron running wheels ensure

high precision and ease of use. The transmission system utilises an adherence-actuated friction wheel with the chain contained in the track. The 115mm running gear is very shallow, facilitating access to the upper shelving levels.

Mediatek™ mobile shelving track can be surface mounted or fitted below floor level. Tracks are secured and adjusted using a levelling bracket, there is no drilling or screwing into the track itself. This does away with ugly visible screws that can affect appearance and inhibit the running of mobile bays.

If relocated the mobile **Mediatek™** system leaves no unsightly holes in carpet or floor coverings.

The drive chain and anti-tilt mechanism are fitted within the track, reducing the number of channels required for an installation.



Decorative end panels can be fixed to bay ends offering an attractive finish. Powder coated steel, timbers, stainless steel, fabric and glass options are available.

International Grammar School, Ultimo, NSW

Custom design

Mediatek™ shelving systems are made to order by Bosco. It is possible to create unique, customised configurations to meet your requirements.

Bosco Storage Solutions has an in house design team who can work with you to develop a custom installation unlike any other on the market. State of the art design facilities and

software allow you to see photo realistic images of your design early in the process. The smart design and flexible options of the **Mediatek™** enable changes and adjustments to be made easily. Using the **Mediatek™** upright as the core we can create unique accessories, sizes, end panels and arrangements for your individual application, ensuring the optimum storage solution for your project.



Introducing maxitek™

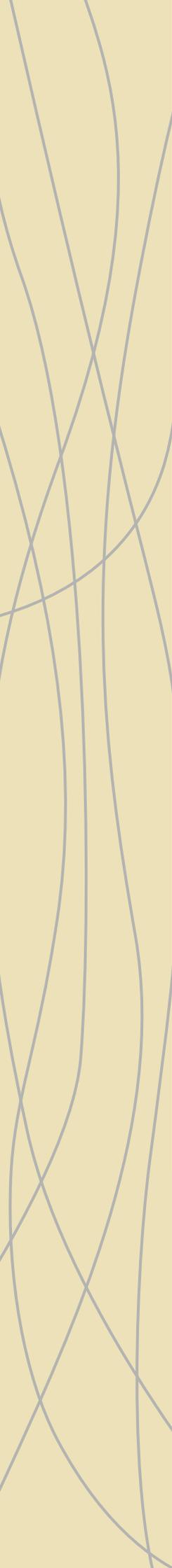
Designed for heavy duty, high density archiving and storage applications, the **Maxitek™** is an ideal solution.

Like the **Mediatek™** range, the core of the **Maxitek™** system is the central pillar on which its construction is based. The carefully engineered pillar system, combined with innovative shelf designs and an extensive range of accessories, ensure the **Maxitek™** can be configured to suit almost

any application. Economical storage is guaranteed.

For archive materials, which require ventilation or access from all sides, **Maxitek™** is the ideal solution. The system can be supplied with open or closed fronts as preferred and is available as sliding and static shelving.

For more information regarding the **Maxitek™** range, contact your Bosco Storage Solutions representative.



bosco storage solutions

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