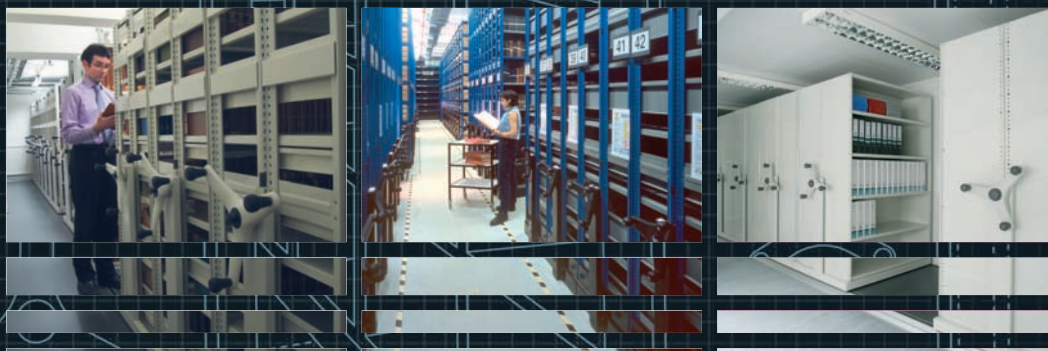


CI/SfB	76	X

# Metalrax



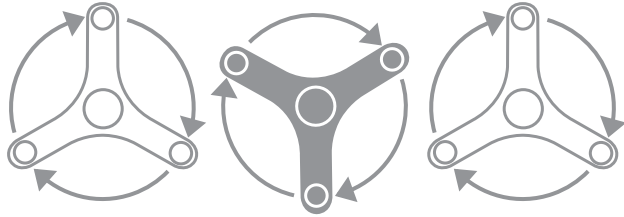
*mobile shelving*

— turn your storage capacity around









**Metalrax Mobile Shelving** is ideal for office filing, medical records, X-ray files, archival documents and museum artefacts. Light industrial areas will also **benefit** from the many features associated with mobile shelving.

Compared to static shelving, Metalrax Mobile Shelving can **increase capacity by up to 100%** or alternatively **save up to 45%** of the floor space occupied by the equivalent quantity of static bays. **Storage capacity is maximised** without sacrificing accessibility.

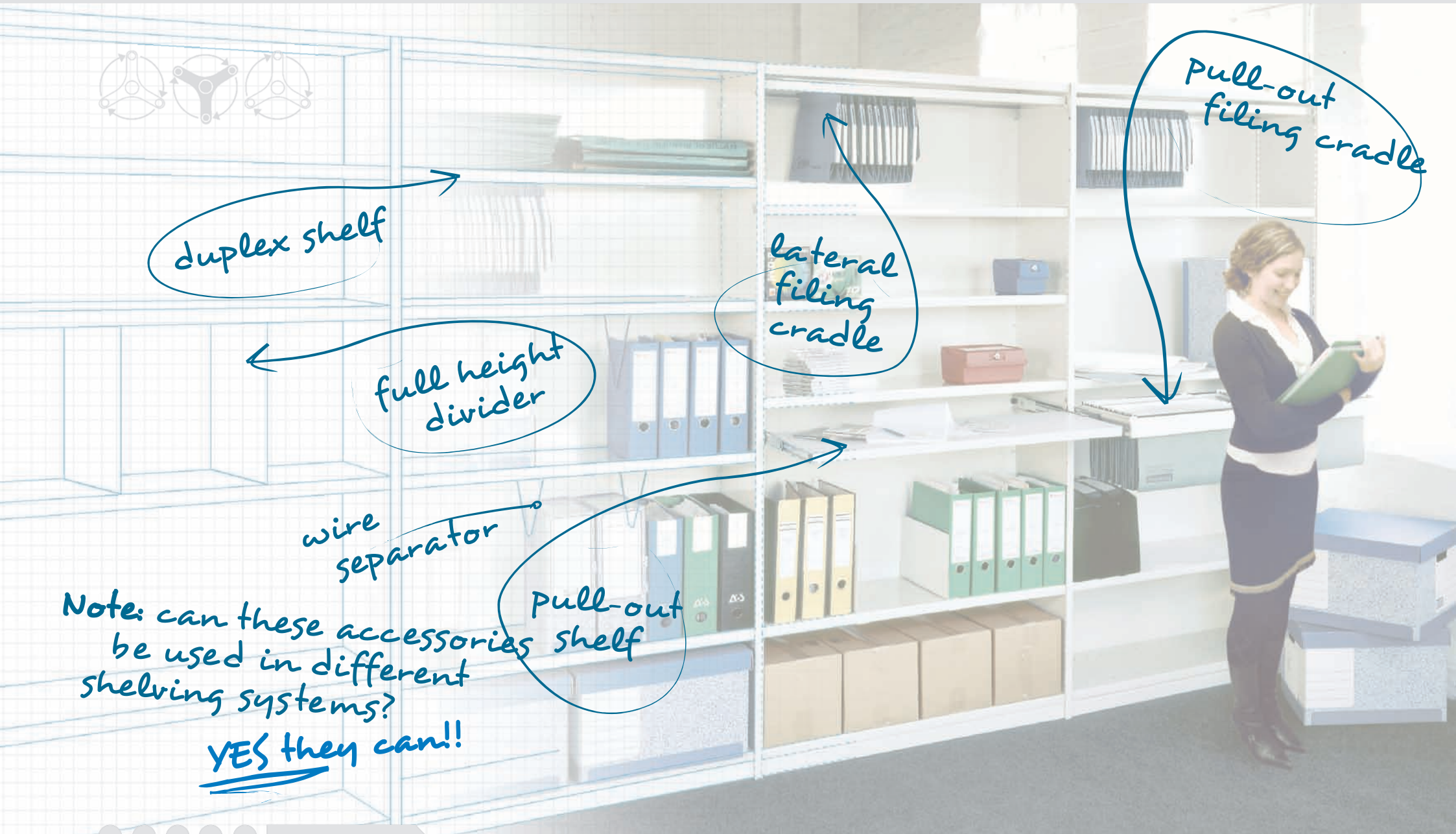
**Mobile shelving is not limited** to 'short-span' shelving systems such as Metaclick, Capital, QBL, QB2, Metabolt or Speedrax; Widespan wide access shelving would be

**recommended** to store large museum artefacts or bulky items. Bespoke solutions can be produced to meet specific requirements.

Existing static installations can be adapted to enable the shelving to be fitted on to mobile bases, thereby **avoiding the expense** of relocation. So if you have outgrown your present storage facility or you are planning a new one, consider **Metalrax Mobile Shelving**.









tracks set into floor  
or surface mounted

static runs to  
each end

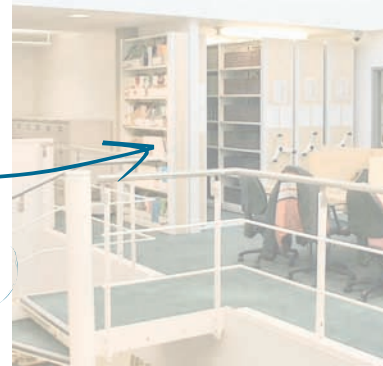
reference

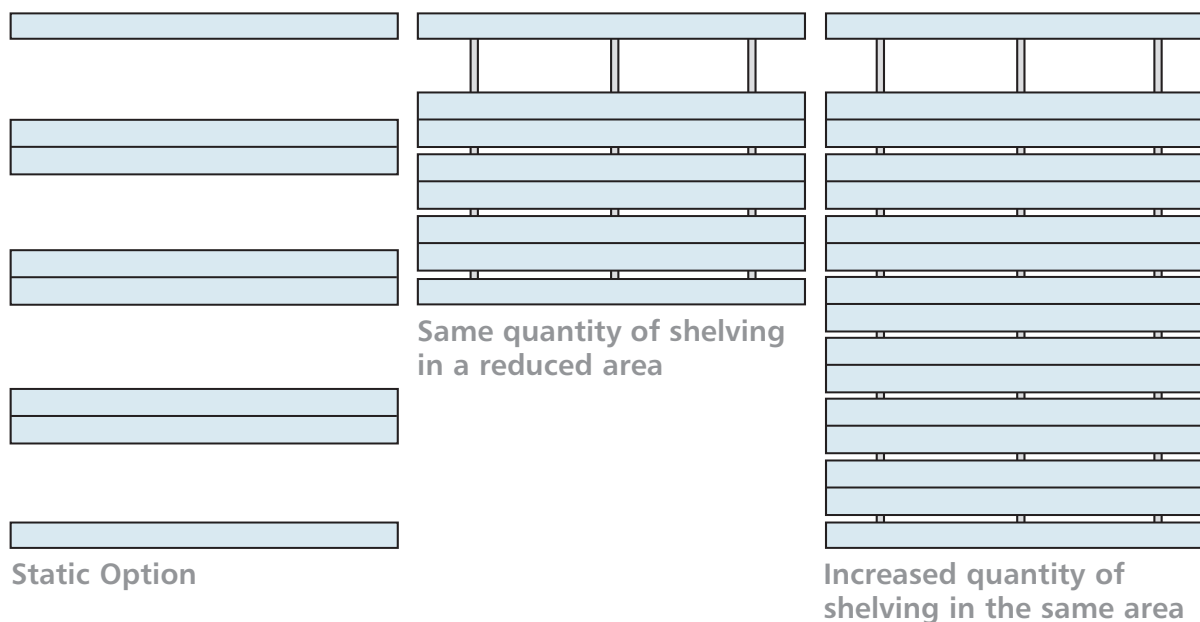
storage in reception

decorative end panels  
to match office  
furniture

lockable  
handwheel

modular system  
laid on existing





*save space or increase capacity*

- 1 Base assembly** - Sectional bases are constructed in the factory. Where site access is restricted, bases can be assembled on site. Welded bases may be used in heavy duty applications.
- 2 Drive mechanism** - We design each system to operate with minimum effort. The drive shaft is connected to the hand wheel through a set of chains and geared sprockets to achieve the optimum effort to weight ratio.
- 3 Track arrangement** - Combined track and guide rails can be set within a sub-floor assembly and sited directly onto the existing floor. Alternatively tracks can be fitted onto the floor slab before the screed is laid.
- 4 Completed assembly** - Shelving is secured to the base and mounted onto the tracks. Bases can be either friction driven or through a sprocket into a chain which is part of the track.

- The existing surface / slab onto which the mobile system is to be sited must be able to support the structure and its contents.
- If you are in any doubt we advise you to obtain independent confirmation that the building is capable of supporting the imposed loads.
- We will be pleased to provide load data to your agent.



E & O E In the interest of product development, we reserve the right to alter specifications without notice.





## case studies

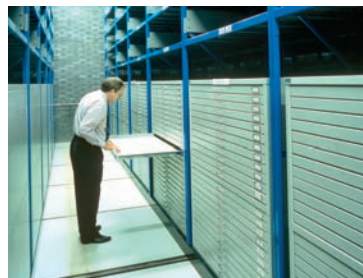
*“maximising the space available was a major consideration when choosing a mobile solution in favour of a static alternative”*



### The Essex Record Office Colchester

“When Essex County Council decided to build a new Record Office to replace their existing facilities, one of their first ports of call was Metalrax who had already designed and installed a number of County Record projects, including Powys Record Office, Lincolnshire Archives and the Office of Population, Census and Surveys...”

The first stage was to carry out a survey of existing facilities. Metalrax personnel spent several days compiling an accurate picture of the Record Office's current holdings. This involved recording details of over 6000 locations! The new Record Office provides over 6 linear miles of shelving.”



### The Surrey History Centre Woking

“During the consultation period, the Metalrax Technical Department in conjunction with the client, established that some items would need specially designed units. As a result Metalrax incorporated 3 different types of map storage units, special pull out reference shelves within the mobile shelving bays and a unique box/book support bracket to comply with BS5454...”

This resulted in a layout which comprised 20 different bay elevations mounted on to mobile bases, in some cases over 11.5 metres long. Providing over 1300 cubic metres of usable capacity.”



### The Alexandra Hospital Redditch

“Due to the size of the installation, each bank of mobile runs was designed to have a double width aisle. Although the capacity was reduced the accessibility was improved with two or more operatives picking from the same aisle at the same time. Medical Records and X-ray managers must balance maximum capacity with the need to retrieve and replace files quickly, the double width aisle was the perfect solution.”

### The Warner Archives Braintree

“The Warner Archive is the only comprehensive record of British high quality Jacquard hand weaving from c1821-1971, with a companion collection of printed textiles, designs, documents and power woven cloths. The collection is a unique record of the history of textile manufacture since the 18th century and includes every example of woven and printed fabric produced by Warner's as well as other companies. After making an inventory of all the items contained within the Milton Keynes location a storage solution was proposed that would incorporate the collection and allow an amount of accruals within the new archive area.

This included plan chests, picture frame hanging racks and cantilever shelves for long rolls together with a bolt free shelving system to provide in excess of 1000 storage locations to accommodate the total collection including 1500 books, 1400 boxes, 720 bound volumes and 500 rolled items.”



### The Royal Society London

“A major part of the programme was to provide improved storage facilities for their unique and irreplaceable information library, comprising some 70,000 books and journals dating back to the 17th Century.

Following consultations, presentations and a visit to the prestigious Surrey History Centre, The Royal Society decided that the QB2 range from Metalrax, with its general compliance to standards demanded by BS 5454:2000 ideally met their needs.”

*“the saving in floor space alone justified the expenditure.  
The alternative was additional offices or moving to new premises”*



 **Metalrax**  
A place for everything  
Everything in place