



# Littbus System




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Malmö City Library, Sweden

# A Full Service Partner – Every Step Of The Way



**“Every library is unique – at Lustrum, we believe its furniture should reflect this.”**

**Versatility. A lot of businesses talk about it. Only a few deliver it. At Lustrum, we understand that every client and every library is unique and as such, has unique requirements. That’s why we created a way of working and a series of products that reflect this.**

A wise man once said that we were given two ears and only one mouth for a reason. We agree – and that’s why listening to our customers is at the heart of our success. Ideally, our involvement starts in the early stages of your project. No matter your role in the process, it is our responsibility to listen, evaluate your needs then offer you our expertise from day one.

We offer worldwide support services in terms of design, planning and installation. To further facilitate our work, we provide a layout service that is compatible with architects’ CAD systems. We can also arrange visits to previous installations, if appropriate, as well as showroom visits to local dealers.

Experience has shown us that close cooperation leads to optimal results. Why not contact Lustrum today and let us apply this experience to your next library project?



Halifax City Library, Nova Scotia, Canada

# Creating Beauty In Order

**“Innovative, flexible, economical and environmentally considerate – welcome to the world of Lustrum and our unique library furniture”.**

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**There is a certain art to fusing pragmatism and aesthetics. A skill born from a singular vision, dedication and painstaking attention to detail. We believe our acclaimed shelving systems for libraries exemplify this – and our unique, global profile suggests we are right.**

Our home country Sweden has a reputation for design innovation. From our base in the south of the country, surrounded by timeless, inspiring Scandinavian forests, we are committed to playing our part developing this.

Our vision is clear – we strive to be the market’s premium supplier of strong, functional and sustainable library shelving systems. To achieve this, we are committed to applying Swedish standards of quality and craftsmanship across our entire operation.

By remaining true to our entrepreneurial roots and focusing on our customer’s need for individuality, we have been able to create our outstanding Littbus system – a solution that delivers true product satisfaction today, tomorrow and beyond.

For over thirty years, this defining ideal has allowed us to gather unrivalled experience in developing and exporting library systems. At Lustrum, we understand that libraries are a place for stimulation, development and expression of knowledge – so for us, it makes perfect sense to create library furniture that allows this to flourish.



Svalbard University Research Centre, Longyearbyen, Spitsbergen

Photo: Nils Petter Dale

# We Are What We Do



**“At the heart of every successful library furniture installation you’ll find two core principles – versatility and cooperation.”**

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**We are proud to have designed and installed around 500 complete libraries. From prestigious national libraries to information centres, universities, schools, corporate libraries and museums our versatile, clean designs and robustly constructed shelving systems can be found literally across the world.**

From Svalbard Island, way above the Arctic Circle to Antarctic research stations to Saudi Arabia, Malaysia, Canada and many other places inbetween – Littbus is a truly global success story. That this is the case bears testimony to the product’s versatility, universal appeal and superior benefits.

For us, satisfied clients are the ultimate proof that we are doing things right. For those planning a new library or considering a refit or renovation, they are a reassurance. Proof that we can innovate, create, deliver and install - no matter where you are or how large, small or complicated your requirements might be.

To view more case studies, please visit our website at [www.lustrum.com](http://www.lustrum.com). Here, you’ll find details and photographs of many of our completed projects. These include the City Library of Malmö, National Library of Norway, and British Council libraries worldwide to name a few.



# Halifax City Library – Nova Scotia, Canada

**“The design quality of our Lustrum shelving is exceptional. While the aesthetic is streamlined and unobtrusive, the construction is sturdy enough to withstand the impact of millions of visitors per year. Lustrum clearly understands the requirements of a modern library.”**

ÅSA Kachan, CEO, Halifax City Library

## Case Study

### PROJECT:

Halifax Central Library, Nova Scotia, Canada

### ARCHITECTS:

Schmidt Hammer Lassen (SHL)  
Fowler Bauld & Mitchell (FBM)

### DURATION:

September 2010 – grand opening 13 December 2014

### SIZE OF AREA (M<sup>2</sup>):

15,000m<sup>2</sup>

### METERS OF SHELVING:

5,600m

**From initial consultation and planning to completed, delivered and installed library furniture, the Halifax Central Library project defines everything Lustrum strives to represent – quality service worldwide, an outstanding product and ultimately, a fulfilling experience for library visitors.**

### Project background

For over five years, we consulted with the architect's UK branch SHL and Canadian partners FMB Architects, ensuring the shelving solution we were planning matched their vision for the overall project. After this period, we continued to liaise with local suppliers in Canada in order to meet the tender requirements. At Lustrum, our experience of working globally allows us to quickly understand and comply with local building and safety requirements, no matter where the project is taking place.

### Solution and results

At the project's outset, we were presented with a clear series of requirements. These cover both product and provision of services and can be defined as follows -

- Superior functionality
- Flexibility and technical value
- Versatile, attractive design, appropriate, adaptable and in accordance with the architects' intentions
- Cost within the budget framework
- Able to be delivered within timeframe
- Minimal, effective use of available space

It is our pleasure to report that the solution – 5,600m of superb Littbus shelving over 15,000m<sup>2</sup> – was delivered on budget and in time for a grand opening on 13 December 2014.



Case Study

# KAAU Central Library – Jeddah KSA (Kingdom of Saudi Arabia)



## Case Study

### PROJECT:

KAU King Abdulaziz University  
Central Library, Jeddah, Saudi Arabia

### ARCHITECTS:

HDR Architects  
Ramzi Elzine - Interior Architect

### DURATION:

September 2007 –  
Grand Opening April 2015

### SIZE OF AREA (M²):

17,500m²

### METERS OF SHELVING:

25,000m

The world's best libraries are the result of careful, innovative planning. In the case of KAAU's central library, we liaised and coordinated with architect Ramzi El Zein who designed the complete interior of this 17,500m², five floor, purpose built building. The architect's design intention was to create a unique, bespoke and flexible shelving system which would spread out throughout the library reflecting the functional demands of students.

### Project background

Littbus represents the best of Scandinavian design, functionality and quality. It was by offering these defining benefits that we were able to proudly participate in this fantastic project in Saudi Arabia.

Working closely with the architect and other partners over several years, we were able to create a solution that reflected the library's requirements for colour-coded areas. More importantly, the flexibility of our Littbus system allowed it to seamlessly integrate with and enhance the architect's vision for the entire space.

### Solution and results

In total, we designed and built 25,000lm of colour-coded Littbus Steel Framed shelving for this project. Over the buildings seven floors and 17,500m², our library furniture was chosen as it fulfilled the following key requirements:

- Superior functionality
- Flexibility and technical value
- Versatile, attractive design, appropriate, adaptable and in accordance with the architects' intentions
- Cost within the budget framework
- Able to be delivered within timeframe
- Minimal, effective use of available space

On time and on budget – it was with great pride that we were able to make a positive, defining contribution to the KAU King Abdulaziz University Central Library.

Clones Library, Monaghan, Ireland

# Innovation In Action



Björnholt, Norway



**We believe that our Littbus shelving system is everything a modern furniture design product should be. Versatile, sustainable, aesthetically pleasing, functional and built to last.**

Littbus is an innovative, complete shelving system developed and supplied exclusively by Lustrum, Sweden. Designed by Börge Lindau, it has been and continues to be produced in consultation with architects and librarians from many countries. In addition, it is also the most recently developed complete system on the market. Available in four design series or customised to your specific requirements, Littbus represents an opportunity to equip your library, office or other space with a flexible, economical and environmentally considerate product – but more than that, Littbus lets you meet the demands of your library visitors or colleagues in the most effective manner possible.

Jönköping, Sweden



Borås, Sweden





# Whatever The Environment, It Works



Birr Library, Offaly, Ireland



**The pursuit of knowledge never stands still. This is very much reflected in how libraries develop. Our experience tells us that to truly meet the demands of our clients, we must offer a shelving system that not only meets today's functional and aesthetic requirements. It must also be designed to take the future into account too.**

There are many convincing reasons to consider installing a Littbus shelving system. For your convenience, we've summarised these as follows –

### **Flexible**

- Designed to reflect the unique nature of every library, Littbus is the most recently developed complete system on the market.
- Choose shelving in materials and sizes that exactly suit your needs.
- Select from 84 standard combinations.
- This includes 10 standard unit sizes (four heights, three depths and three widths).
- These units can be connected however best fits your space - for example, you can connect single to double-sided units and shallow to deep shelves.
- If needs change, units can be easily and quickly reconfigured.
- Add new units quickly and easily to reflect the organic nature of a library space.

Jönköping City Library



Saltsjöbaden Public Library, Sweden

# Designed To Take The Future Into Account





## Practical

- We offer comprehensive worldwide support with design, planning and installation.
- Littbus' longevity, versatility and ability to be reconfigured make it an attractive choice from an economic perspective.
- Assembly requires only a minimum of tools.
- Individual shelf height can be adjusted in 64mm steps (with 32mm as an option).
- Shelves can be laid flat or sloping, allowing material to be displayed in different, more creative ways.
- If a mobile unit is required, castors can be easily attached to a frame.
- Littbus meets the European Union and British standards for libraries SS-EN 14073-3:2004, SS-EN 14073-2:2004, SS-EN 14074:2004, ISO 7170:2006, ISO 7171:1988, SS 839117 and BS 4875-7:2006 Level 4, which include tests for strength, durability and stability.

## Aesthetic

- Littbus is available in four design series – Steel Framed, Glass, Wood and Perforated Steel.
- Select your finish, as well as any decorative panels and colour, from a range of options that includes powder-coated steel, wood (solid strip bonded birch) and glass.

## Robust

- The average lifespan of library shelving is 20-30 years – our products are designed to exceed these standards.
- Littbus is one of few library shelving systems approved for the Japanese market due to its stability and strength if subjected to an earthquake.
- All our units are supplied with a five-year warranty on non-moveable parts.
- The structure – single or double-sided end panels in steel or solid wood connected by a unique steel shelf – is self-supporting.
- Because it does not require frames or cross-brace supports, you save around 6 percent of valuable floor space.
- Shelf planes are made from 1.5mm thick, 16 gauge steel, which is then powder coated for durability.
- Steel adjustable feet protect and stabilise the shelves.
- All shelf planes have a book stopper at the back.

## Sustainable

- All materials used are strong, solid and environmentally sustainable.
- Our Littbus Wood series uses only timber sourced from sustainably managed forests.

# Product Series





### **Littbus Steel Framed – Colour The Experience**

With the Littbus Steel Framed system, the top and end panels appear as a continuous frame around the main shelving system. Furthermore, the sheet steel can be powder coated in a wide range of RAL colours. This flexibility gives you the option to introduce colour zoning, making it easier to differentiate between areas of the library and offering an easier, more harmonious visitor or user experience. The steel framed system can also be provided in a curved shape.



### **Littbus Glass – Letting Light Flow Freely**

With the Littbus Glass system, end panels with frosted tempered glass as standard are supplied. The glass allows light to flow through the shelving system, providing a light and airy feel to a library. When placed in a building that already has many different textures and colours, this can help the shelving to remain neutral. The glass is 6mm thick and fixed to the frame with a specially designed bracket, which protects the glass and optimises visitor safety. Different coloured glass can also be supplied, offering outstanding design potential.



### **Littbus Wood – Sustainable, Living Design**

All the wood we use comes from sustainable forests – without exception. Using solid wood rather than laminate provides longevity - essential for libraries with an average lifespan of 20–30 years. We supply solid strip bonded birch, 25mm thick. End panels in birch are lacquered as standard. We can provide other woods on request.



### **Littbus Perforated Steel – Light Effects And Texture**

We can provide end panels for the Littbus system in perforated sheet steel. This solution lets light and texture flow through the shelves and the library, creating a dynamic, contemporary feeling. The perforations are 30×30mm square and both the perforated panels and the frames are powder coated in zinc grey, dark grey (RAL 9007) or white (RAL 9010) as standard. The system is also able to function without end panels, an option which is both economical and stylish.





# Customised – An Expression Of Individuality



The Norwegian Academy of Music, Norway



**Our commitment, to meet client needs and deliver versatility expresses itself in many ways. One of these is through our customised shelving solutions. In some cases, these are created to compliment the architect's design, fulfil a specific purpose such as creating curves or meet practical restrictions like ceiling height or alcove areas.**

While many design companies see these as limitations, our shelving system is smart and flexible enough to accept them as exciting challenges – challenges that inspire us to continue innovating. For our clients, this means that they receive a shelving system that harmonises beautifully with their space and meets every practical and functional requirement.

Åkersberga Public Library, Sweden



Halifax City Library, Canada



# Accessories







Text Strip Front Edge



Pull Out Shelves



Expo Magazines



Display Shelves



Book Ends



End Signs With Glass



Book Trolleys



Periodical Displays



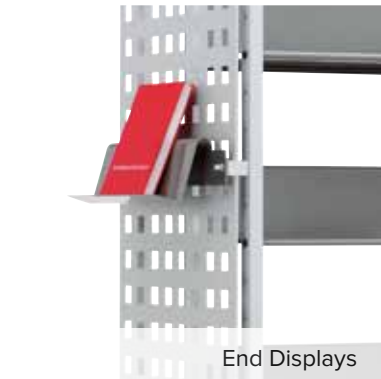
Counters



Media Displays



Book Ends and Dividers



End Displays



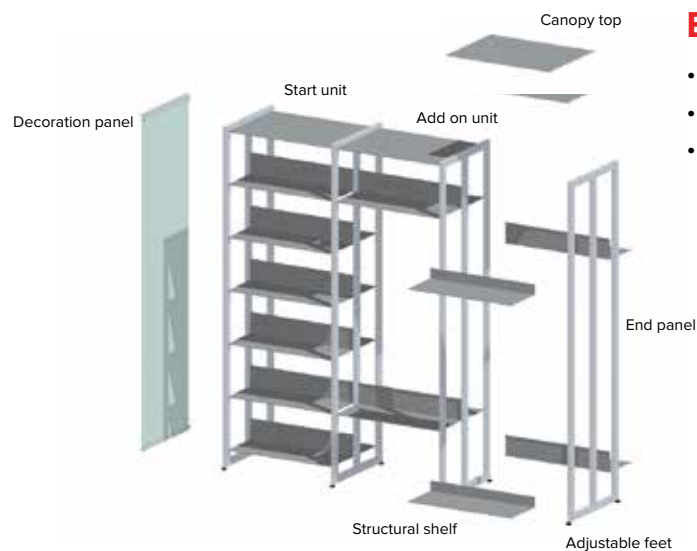
Book Boxes



Text Strip Sections

# Technical Data





## End panels in wood

- End panels of birch are lacquered as standard
- Depth of end panels 290, 374 and 542mm
- Height of end panels 1084, 1404, 1724 and 2044mm

## End panels in steel

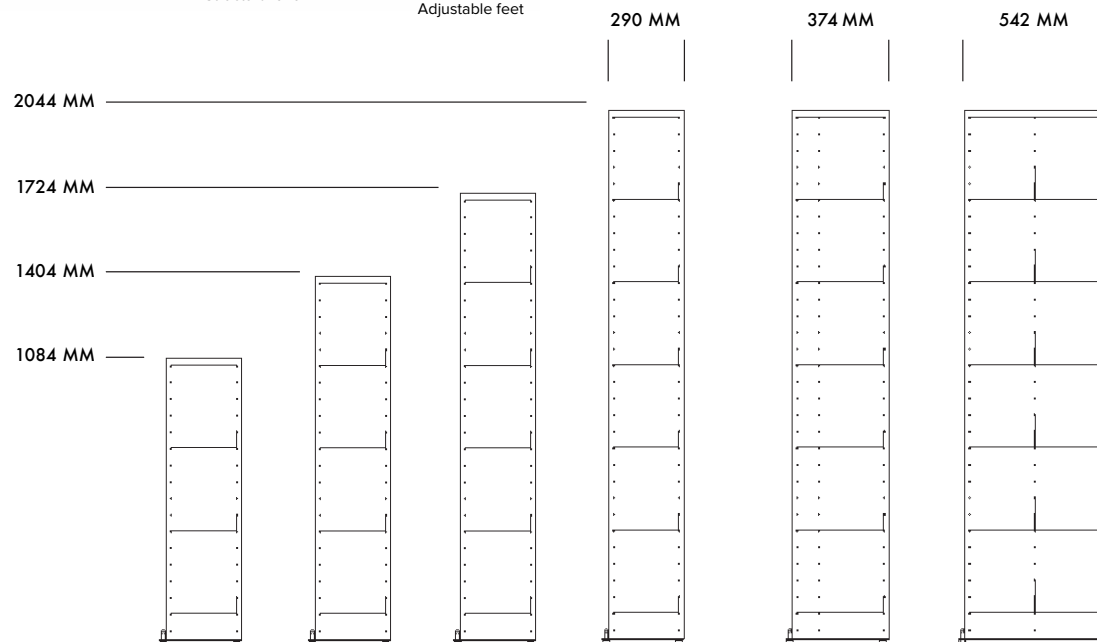
- Powder coated zinc grey, dark grey (RAL 9007) or white (RAL 9010).
- Decorative cover of frosted tempered glass or perforated sheet steel
- Depth of end panels are 290, 374 and 542mm
- Height of end panels 1084, 1404, 1724 and 2044mm

The height of the panels does not include the feet which are 26mm

## Shelves

- Powder coated sheet steel dark grey (RAL 9007) and white (RAL 9010), 1,5mm thick
- The thickness of lacquer is 80my
- Reversible for flat or sloping display
- The shelves width are 491, 700 and 875mm
- The shelves depth are 252, 336 and 2 x 252mm
- The thickness of the shelves are 14mm

The width of bays are 516, 725 and 900mm c/c



All dimensions are in millimetres





# Materials



- Standard
- Optional
- Additional Framed Standard Colours

**Note:** Other materials and colours are available on request.

## Wood



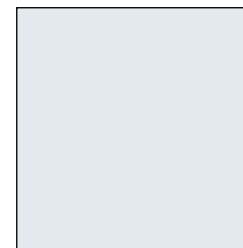
Birch ■



Oak □



Beech □



Laminate □



Coated or painted MDF □

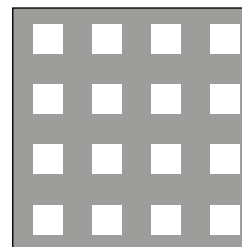
## Steel/Glass/Perforated/Framed



Steel ■



Glass ■



Perforated Steel ■

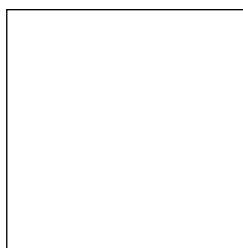


Steel Framed ■



Coloured Glass □

## Standard Colour Palette



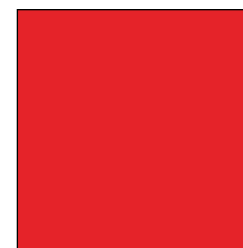
White ■  
RAL 9010



Grey ■  
RAL 9007



Blue ■  
RAL 5012



Red ■  
RAL 3020



Brown Grey ■  
RAL 7022



**Lustrum was founded in Sweden in 1988 by a group of entrepreneurs. The company's iconic Littbus design series was unveiled at the Orgatech fair in 1992 and was first installed in Hornstull Library in central Stockholm shortly afterwards.**

Other prestigious projects soon followed, including the Swedish Pavilion from the World Expo in Seville when it was moved to Grythyttan and converted to the country's first university dedicated to gastronomic studies in 1994. In 1997, we were also chosen to supply shelving for Malmö City Library.

Inspired by these successes, Lustrum continued to grow, gaining international recognition for our Littbus system, in particular its strength and stability. Projects followed across the world, from the North to South poles and in spaces as diverse as British Council Libraries, Swedish judiciary buildings, Norway's National Library and in universities in Sweden, Norway, Finland and Japan.

Large or small, in every installation, Lustrum is proud to supply products, experience and expertise that make libraries more functional, more stimulating and more pleasant places.



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Please note that our factory opening hours are 07.00-12.00 and 12.30-16.30  
Central European Time, Monday to Friday