

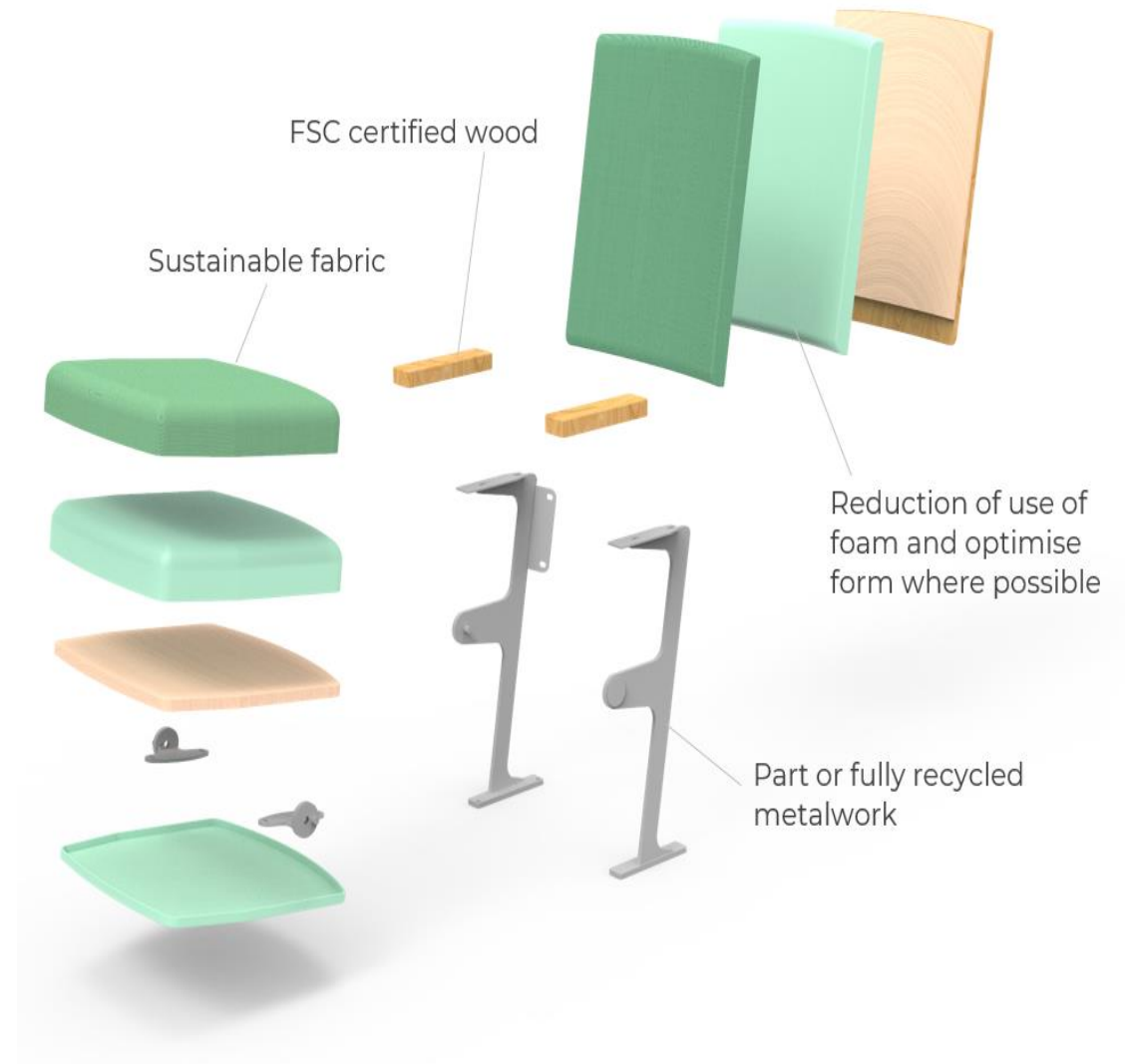
race
FURNITURE



PRODUCT & SERVICE SUSTAINABILITY MANUAL

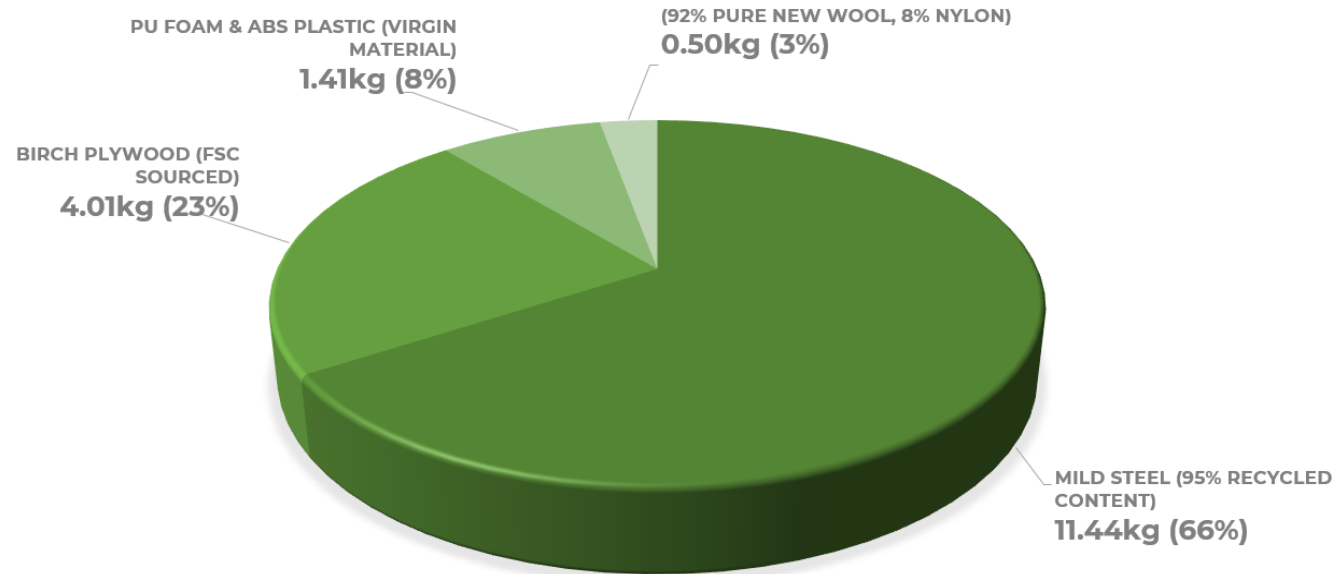
Chair design

We are constantly looking at ways we can increase the sustainability of our products. Built with solid materials, the quality of our products ensures the longevity and durability. We have always designed with disassembly in mind to aid refurbishment when fabric begins to show signs of wearing. As shown in the diagram, we can separate materials to replace sections that have reached their end-of-life, ensuring the harder components are not disposed of earlier than expected.



Chair design

TYPICAL STALLS LEVEL CHAIR MATERIAL EXPRESSED BY WEIGHT TOTAL WEIGHT: 17KG



We use software early on, to enable comparison of design and material options in order to create a design with less environmental impact. We can then use the data to calculate the percentage of the entire product (e.g., by mass or volume) which is recycled or recyclable.



FSC certified wood

Not all wood types can come as FSC certified. For example, finding a certified show wood or veneer can be challenging. To ensure the maximum sustainability of your chair, choosing alternatives that are FSC certified is the more sustainable option.

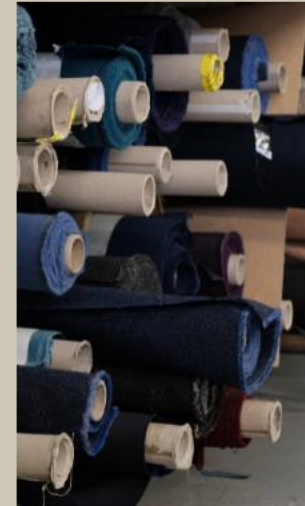


The mark of
responsible forestry



Recycled metals

We offer recycled steel as a standard. The average recycled content for UK steel ranges from 15-85%. Research has shown that for every 1 kg of steel scrap that is recycled at the end of the products life, a saving of 1.5 kg CO₂-e emissions can be achieved.



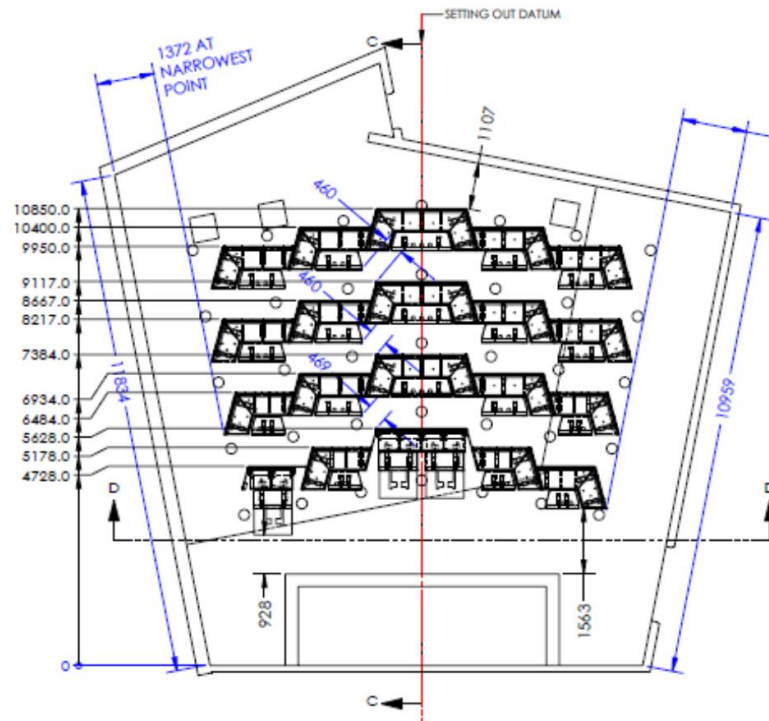
Upholstery

We think holistically about the design and the needs for the space considering the fabric material, the material of what the fabric is bound onto, the rub cycles, the use of the space, the use of chemicals, the carbon footprint, and the end-of-life routes.

Seating Layout

Design of the seating is directly related to the layout of the seating. Have a conversation with your seating manufacturer how your layout proposal affects the form and make up of the chair, which in turn could help you maximise the sustainability of the theatre.

- Consider a holistic view while designing the seating layout. A multifunctional space can increase the usability of the theatre and reduce the need for a complete renovation or alternations over the following years. Removable and reconfigurable seating is available and can be designed to work with the space available in the theatre. This would thereby reduce the amount of redundant furniture and space.
- When designing the space, work with your seating manufacturer to increase modularity and common parts throughout the theatre. The reduction in complexity and parts reduces the materials and manufacturing processes, resulting in lower energy demands.





Packaging & Delivery

Where possible we aim to screw our chairs onto wooden plinths to minimise packaging needed in delivery.

We always endeavour to take back and reuse packaging

Any plastic packaging used is recycled plastic and 100% recyclable

The wood we use is scrap cut-offs from our production. We use them a few times before they are recycled.

Refurbishment

A new fabric/finish can often have the same impact to the space as completely replacing the seating.

Often the framework of the seating is still fit for purpose. Whereas the upholstery and wood finishes are more susceptible to wear and tear and are usually the areas needing attention.

Race Furniture are experts in considerate refurbishment and seat design and have been trusted by prestigious venues around the globe to transform their seating.

If refurbishment is not an option, can the existing seating be reused or repurposed for other areas in the theatre? The repurposing of the furniture increases the product life span and redirects potential waste.



BEFORE



AFTER

Our Credentials & Certifications



The mark of
responsible forestry

race
FURNITURE



Find out more

Racefurniture.com/about/corporate-social-responsibility

Or email us at

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