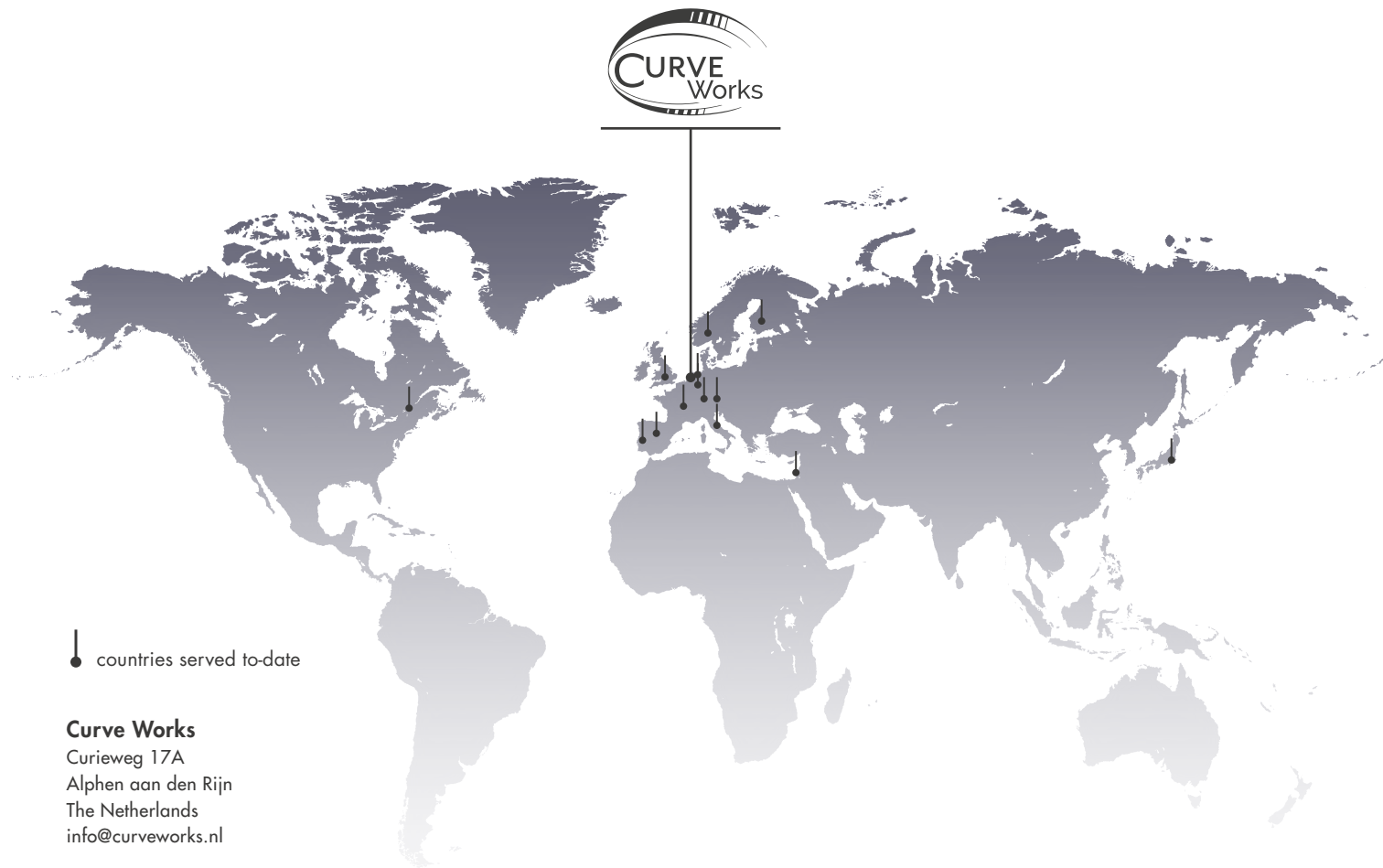


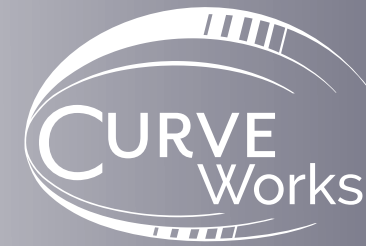
Curved laminated wood panels

For ultimate design freedom



Curve Works
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Curve Works BV is a privately held company founded in 2015. Located in Alphen aan den Rijn, The Netherlands, we supply products for architecture and high-end performance marine applications to an international customer base.



We are composite materials specialists changing the approach to design and manufacture with an eye on clean technologies and materials. With our team of highly motivated engineers we are able to create innovative solutions for your demands.

We are specialised in large curved panels and organic constructions, realising them without expensive and wasteful moulds.

We create
Curved laminated wood panels for free-form architectural applications

Our products

- | | |
|------------------------|---|
| are RESPONSIBLE | Materials are carefully selected to have the smallest impact on the environment and are safe for people who work with them. |
| are LIGHT | Lightness is an important factor in eco-design. Less material means less carbon-footprint. |
| are TAILORABLE | Our products are tailored to create the desired look and engineered to cope with environmental & structural loading |

Product range





CURVED CROSS LAMINATED TIMBER PANELS

Built up of thin planks of wood, our COPPICE panels are laminated together using bio-based adhesive. They are shaped in a cold-forming process directly on our adaptive mould. The thickness of the panels are tailored for their end-use.

COPPICE panels are perfect for luxurious free-form creations. The surface layers can have special patterns for a truly unique look.

Use



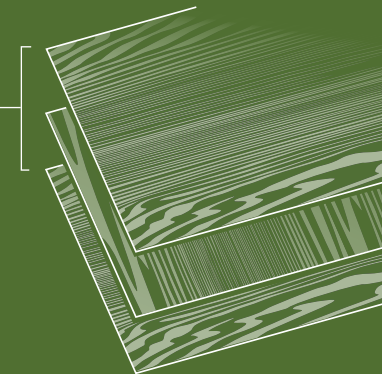
Decorative



Structural

Composition

Cross laminated timber & bio-based adhesive



Properties



Mass
8 – 15 kg/m²



Strength
Identical to cross laminated timber

COPPICE

Free-form
laminated wood

COPPICE

Doubly curved cross laminated timber with different surface textures. Coppice is incredibly strong, durable and offers endless design possibilities.





veneer lightweight panels

CARAPACE are ultralight decorative panels for premium interiors. Especially suited to mobile interiors, where lightweighting is a must, including boats and aircraft. These panels come in a choice of veneer skins.

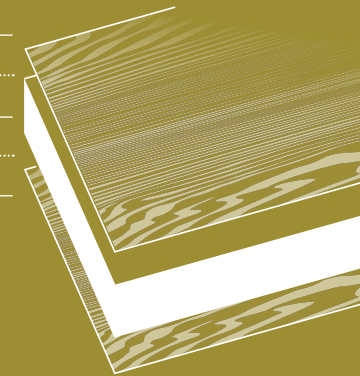
Use



Decorative

Composition

Veneer skin —
Bio-based resin
Balsa core —
Bio-based resin
Veneer skin —



Properties



Mass
<5 kg/m²



Strength
Identical to cross
laminated timber

CARAPACE

The lightest strongest
curved wood solution



Spruce



Beech



Bamboo



Radiata Pine



Mahogany



COPPICE and CARAPACE

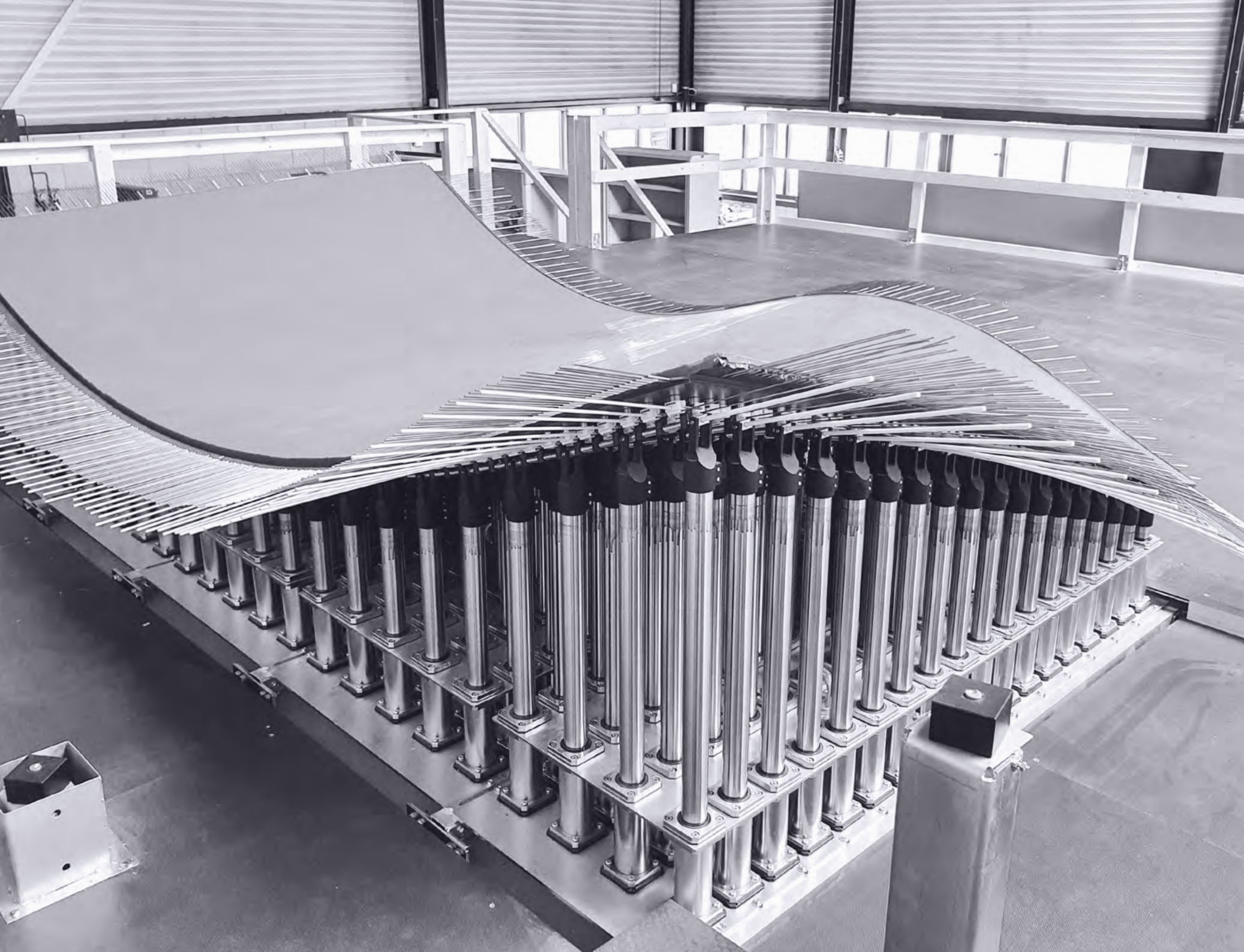
Both our products are available in a variety of wood.



INCREDIBLE DESIGN
FREEDOM WITH
LAMINATED WOOD

Responsible manufacturing





ADAPTIVE MOULD TECHNOLOGY

We take pride not only in our respectful choice of materials but also in our approach to responsible manufacturing.

Our solution is a CAD/CAM based system of adaptive mould technology coupled to state-of-the-art software. The software operated through Rhino3D lets the user create, check and select the shapes of the panels for manufacture. The panel information is sent to the adaptive mould which shapes itself in minutes to the desired shape. Production can begin.

This is its essential function, to be able to be reshaped and reused over and over again.

One mould, unlimited possibilities,
no waste from tooling.

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