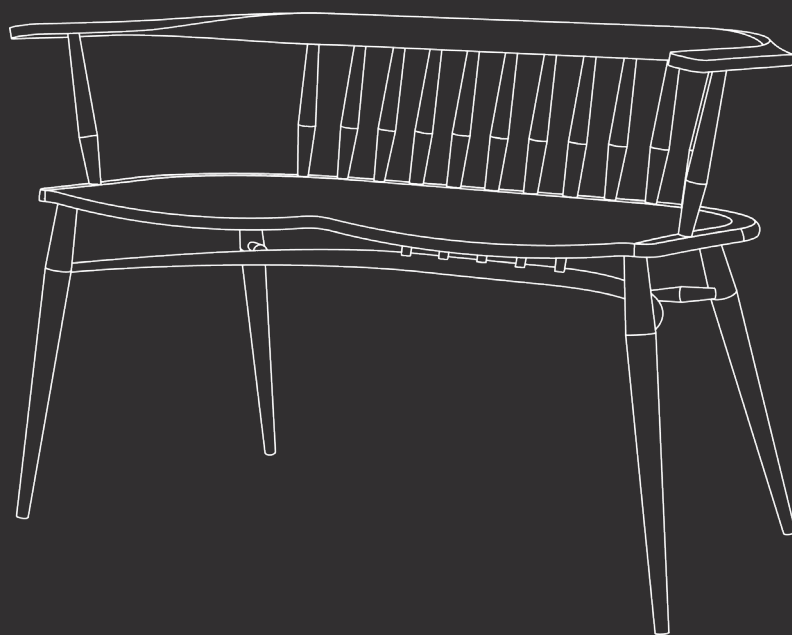


The Wave Collection

Designed by Alex Key





Alex Key in the Crest chair
Photography: Alex Key

The Wave collection:

With this project I wanted to explore and push my boundaries in digital and hand-crafted approaches to design and manufacture of seating furniture. My aim for this collection was to exemplify clean curves and a minimalist profile which displayed the natural beauty of the Ash by bringing together my skills across both approaches.

To realise these ambitions, I explored processes such as steam bending which enabled me to achieve twists and curves that would not have been possible otherwise. This is evident in the single integrated piece back and armrest element of these designs, which displays the dramatic twist of the material. This artfully crafted aspect is complimented by the chairs' seat, which used the computer controlled (CNC) 3-Axis milling machine to achieve the thin 'W' shaped profile. Bringing together these two approaches allowed me to push my designs and the material to execute a refined collection of furniture.

The Crest Chair



The Crest chair
Photography: Alex Key

The Crest chair was the first piece in the Wave series. Pictured here in white English ash, conveying purity and strength with its simple yet elegant structure. This piece boasts long curves and simple yet elegant turned features in the legs and support spindles. With dark oak detailing contrasting the natural wavy grain of the ash, this piece will stand the test of time stylistically as well as structurally.

This is a modern chair inspired by the stylings of the Windsor chair, using skills such as steam bending and computer-controlled milling to achieve delicate and grandeur.

Price: On request

Size: 590x505x645mm

Material: Ash

Finish: Clear coat lacquer



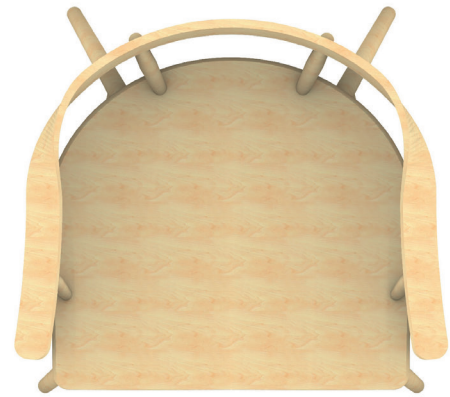
Detailed photo of the back of the Crest chair
Photography: Alex Key



Overview of the Crest chair
Photography: Alex Key

The Crest Chair: Orthographic

The Crest Chair: Technical Drawing



Top View



Perspective View

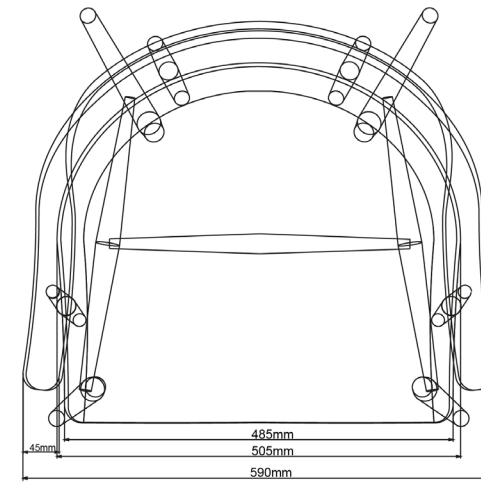


Front View



Right View

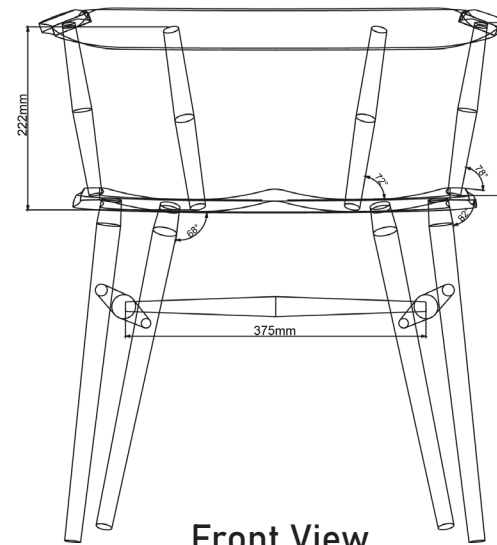
Crest chair - Orthographic Render
Source: Alex Key



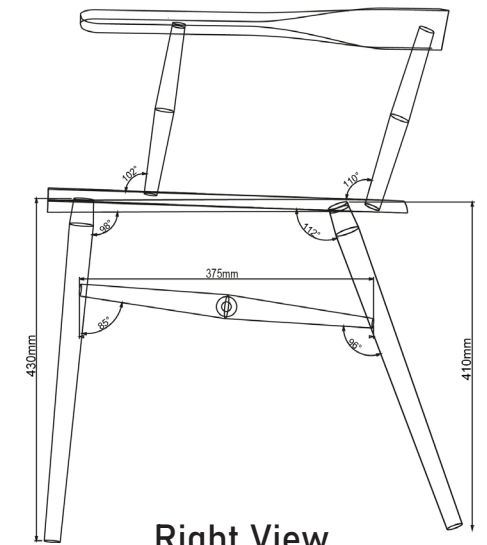
Top View



Perspective View



Front View



Right View

Crest Chair - Technical Drawing
Source: Alex Key

The Crescent Chair



The Crescent chair is the second piece in the Wave series. This piece differs from the Crest in multiple ways, such as having an inverted back to armrest design for more comfort. This welcomes you into a comfy embrace which is complimented by the 'W' shaped seat component.

This design also has a lovely three-legged structure which is visually daring and striking. This back leg is two lovely pieces of steam bent ash, which join to form a wishbone held together by a Walnut button for detailing. This made from solid ash is a piece which echoes back to the stylings of classical Danish and Scandinavian design, taking direct inspiration from pieces such as Hans Wegners 'Y chair'.

Price: On request

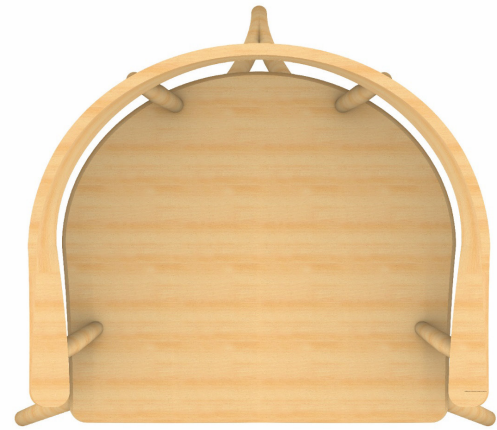
Size: 590x545x664mm

Proposed Material: Ash

Proposed Finish: Clear coat lacquer

The Crescent Chair: Orthographic

The Crescent Chair: Technical Drawing



Top View



Perspective View

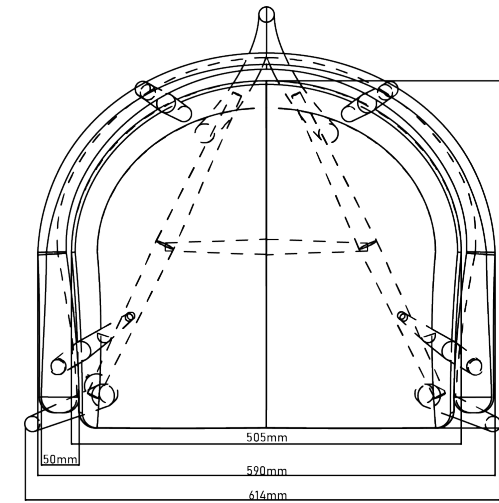


Front View

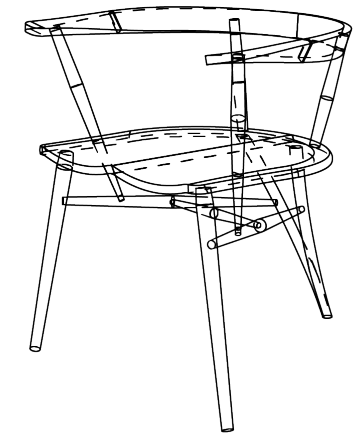


Right View

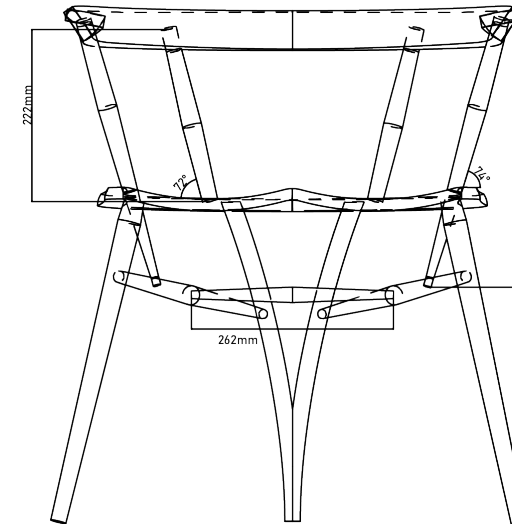
Crescent chair - Orthographic render
Source: Alex Key



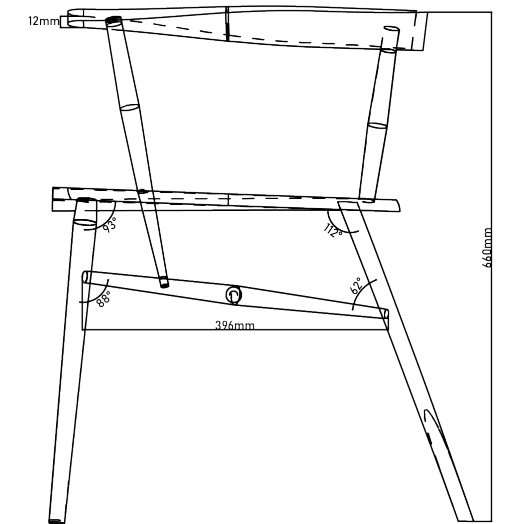
Top View



Perspective View



Front View



Right View

Crescent chair - Technical Drawing
Source: Alex Key

The Crescendo Bench



The third piece in the Wave collection is the Crescendo bench. This bench boasts a long continuous back in ash which curls around you when you're sitting in the piece. These curves are echoed in the underframe of the design which ties the piece together visually.

This design takes inspiration from classical pieces of English furniture from the likes of Ercol and blends it with a hint of Danish flare. This creates a visually eye-catching piece which is perfect for two.

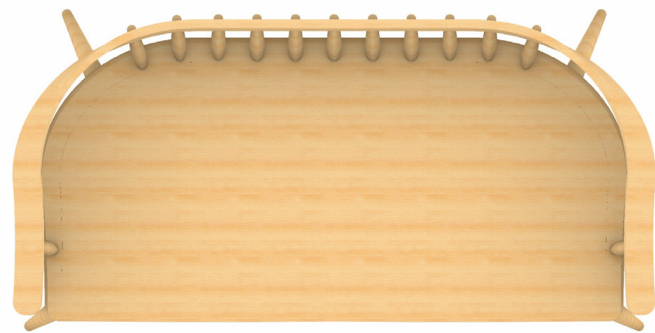
Price: On request

Size: 500x1025x670mm

Proposed Material: Ash

Proposed Finish: Clear coat lacquer

The Crescendo Bench: Orthographic



Top



Perspective



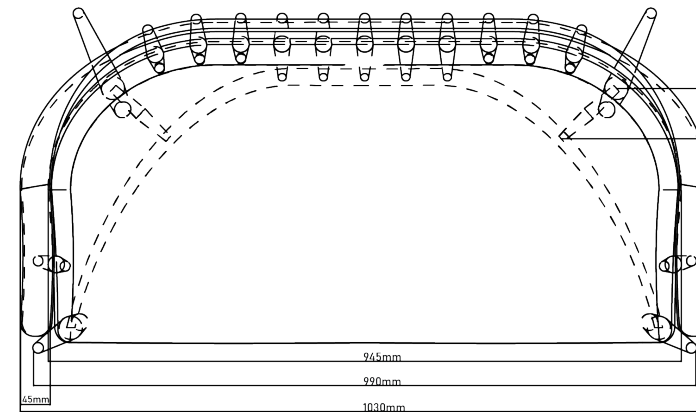
Front



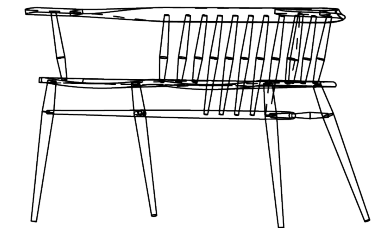
Right

Crescendo bench - Orthographic render
Source: Alex Key

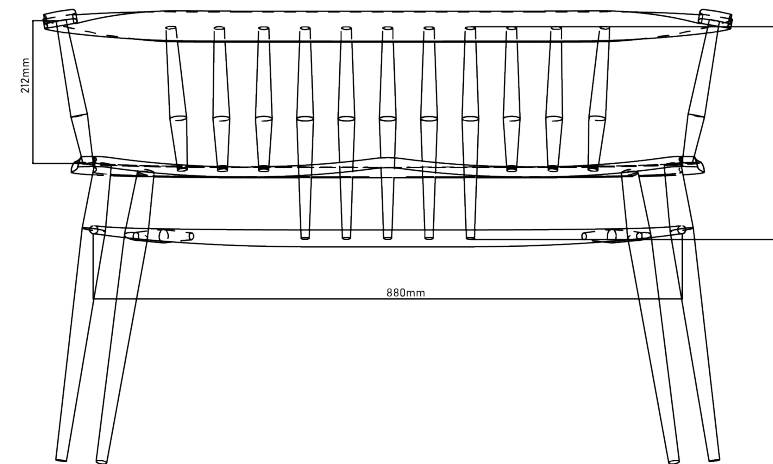
The Crescendo Bench: Technical Drawing



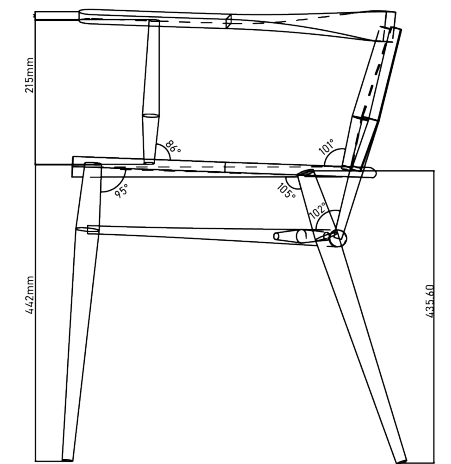
Top



Perspective



Front



Right

Crescendo bench - Technical Drawing
Source: Alex Key

The Wave Crest Collection: Alternate Finishes



Crest Chair - Blue Edition
Source: Alex Key



Crest Chair - Maple & Cherry Edition
Source: Alex Key



Crescent Chair - Red Edition
Source: Alex Key



Crescent Chair - Walnut & Oak Edition
Source: Alex Key



Crescendo bench - Sea Blue Edition
Source: Alex Key



Crescendo bench - Walnut Edition
Source: Alex Key

The Wave Crest Collection: Proposed Contexts

These examples of the Wave collection situated in various settings. Such as the dining room and living room. These pieces can fit in a variety of contexts and stand the test of time. They are not only durable but also fashionable, suiting any styled room. The entire collection also comes in a variety of finishes which would suit anywhere.



Crest chairs in Walnut set in the kitchen
Source: SketchUp model library



Crest chairs in a modern living room
Source: SketchUp model library

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