



Three One Four



INTRODUCTION

Three One Four was born from the symbiotic relationship between Furniture and Product Designer, Alexander Webb, and manufacturing specialist, Neil Walker of Penta Pattern & Model. This collaboration grew from their mutual passion for pushing the boundaries of design, traditional craft and state-of-the-art production.

Entitled Holocene, this collection of functional artwork is named for the period of time that we currently live. From rudimentary stonework (first found in 4000BC) through bronze casting, inspiration from Grecian design and English cabinetry, the collection is brought into the 21st Century by utilising 3D scanning, 5 axis machining and contemporary mediums.

Each piece is unique and handmade, and while the items in the collection are signed Artist's Editions, each design can be fully customised and commissioned to suit the needs of the client.

Facing page:
Alexander stood with
the Changing Seasons
sideboard, and mini and
medium Busts in amber
resin





Above:
Holocene pedestal hung
from a lift while applying
the bronze in the workshop

Facing page:
Holocene pedestal detail
reflecting into the cast
resin top



“6000 YEARS OF
MANUFACTURING
TECHNIQUES IN
ONE PIECE”

HOLOCENE



Developed by hand-forming a maquette from a piece of flint found behind the Suffolk family home of Alexander, the Holocene shape represents where manufacturing has come from to where it is headed during the Holocene era. 6000 years of manufacturing techniques

in one piece.

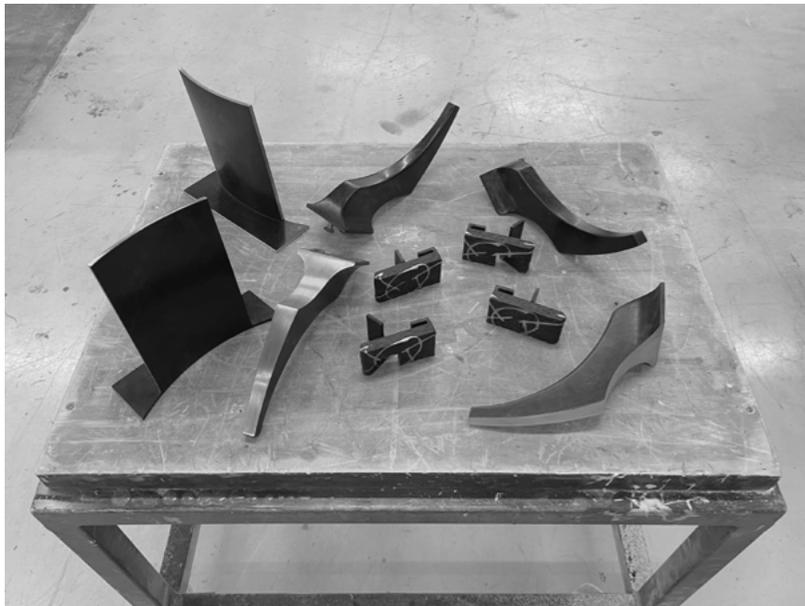
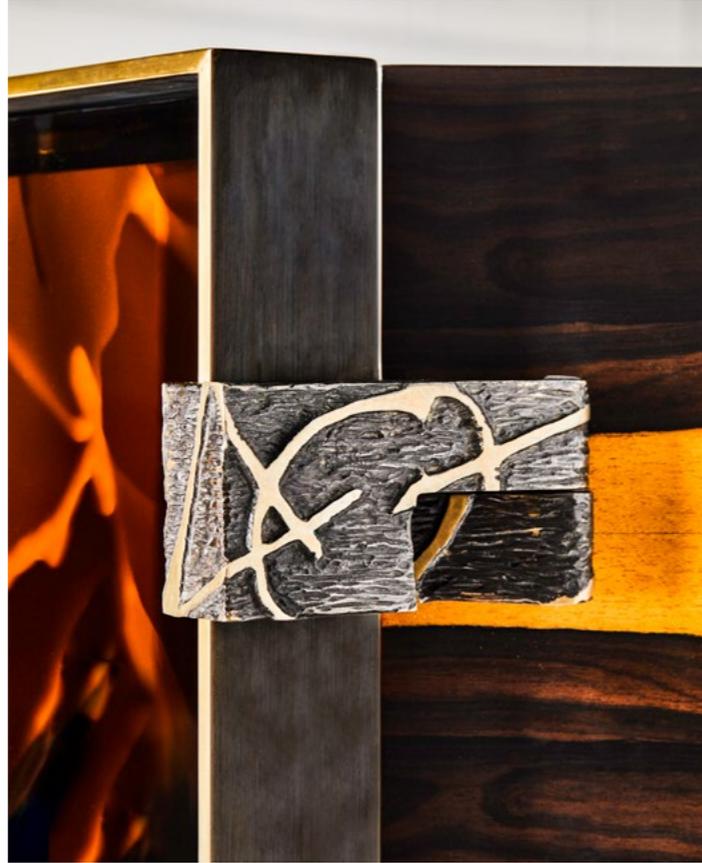
Hand-painted by Alexander and then lacquered, the pedestal fades from mottled black to verdigris teal to evoke the thought of patination and the ageing process onto the cast bronze caps. Forever capturing our moment in time. The cast resin top sits sunken

into the pedestal with a water-like surface texture, offering a flowing refracted view of the base.





CHANGING SEASONS



Above left:
Corner detail showcasing contrasting bronze legs and fascia

Above right:
Hinge detail showing the "Triangle, Circle, Square" Three One Four logo in bronze

Left:
Castings for Changing Seasons and Hope after being patinated and polished



Opulence and refined detail are at the very soul of this exquisite piece. Picked specifically by Alexander, the Ziricote veneer is bold and unique. Hand-carved pivot hinges are cast in bronze with a subtle nod to the Three One Four branding; they frame a door made of resin

inspired by the falling leaves outside Alexander's Hackney home.

When opened, these doors reveal their translucency and the bright interior within. The piece then stands proudly on its four beautiful cast bronze legs, cantilevered to give a staunch standing position.



CUSTOMISATION

All pieces from the collection are sold as Artist's Editions and Limited Editions, but there is also the option to fully customise each piece, as well as creating one-off bespoke commissions.

Three One Four Studio are specialists in custom-designed functional art. The highly skilled and experienced team utilise in-house state-of-the-art machinery and tooling to seamlessly interchange materials and adjust scale and size. Offering the most prestigious service for commissioned works of art.

The intricate manufacturing techniques used throughout the Holocene collection also mean that features, whether cast or machined, can be interchanged. Resin elements can alternatively be cast in bronze or Jesmonite, or machined from the trunk of an incredible tree. Veneer can instead be wrapped in luxurious vellum or leather, and lacquered elements can be gilded or wrapped in fabric. These options are just a few of the variations that can be achieved with Three One Four Studio.

SCALE
MATERIAL
TECHNOLOGY
COLOUR
TEXTURE
INTEGRATION
LIGHTING



Above:
Mini Busts in various cast resin finishes stand on top of the Neolithic Holocene console table with two Magallana mirrors behind

HOPE



“CONTEMPORISED & REDEFINED”



The Hope chair is inspired by the original Klismos chair first produced in ancient Greece. Popularised in Regency Britain by Thomas Hope, the design has been contemporised and redefined using carbon fibre for delicate structure and a cast bronze back. The seat is upholstered in a textured Angora wool, whilst the back legs and bronze support are reminiscent of Paul Dupré-Lafon's Art Deco style dining chair.



Inset:
Hope chair in midnight blue lacquer stands in the workshop



FOSSILISED RESIN



Above:
Detail of the blue vellum writing slope



Right:
Close up view of the front of the Fossilised Resin desk

A modern and unique take on a Louis XV writing desk that Jacques-Emile Ruhlmann reworked in 1920's Paris. Fossilised is an homage to work of both periods and ormolu in particular. Here, the brass is cast in resin like a piece of amber, forever

encapsulated. Fossilised is completed in satin Santos Rosewood and machined brass, cast into a diamond like resin leg. The handles feature the same tapering hexagon, whilst the writing slope is wrapped in hand-dyed vellum.





“FOR THERE
IS NOTHING
LOST, THAT
MAY BE
FOUND, IF
SOUGHT”

Edmund Spenser, The Faerie Queene



IMBALANCED HOLOCENE



Asymmetry is the basis of this striking room divide / shelving that can be mirrored as a pair to compliment the smooth flowing curves, or as a stand alone piece. Each bevelled shelf is in Santos Rosewood and stacked using lacquered curves that follow the shape. The elegant cast resin Holocene elements create whimsy with refracted light.

Facing page:
Imbalanced Holocene
shelving





“JAGGED VACANCE,
THICK WITH ICE”

Justin Vernon, Holocene



Facing page:
Mini Bust reflecting the
colours and curves of the
Imbalanced Holocene



SUSTAINABILITY

While luxury products aren't often found to be at the forefront of sustainability, Three One Four Studio is taking steps to ensure minimum environmental impact, and giving back to preserve the future. Key areas where these can be found are:

- Use of sustainable resins
- Recycled / recyclable materials
- Renewable energy (including solar power & biomass boiler heating)
- Ethically sourced materials with traceable provenance
- Utilisation of by-product in future works

Three One Four Studio works closely with clients to minimise the impact and carbon footprint of their new piece of artwork, and will reuse and recycle wherever possible.



Above:
Cast resin Holocene
elements for the
Imbalanced Holocene
shelving



ERODED

“EVOKING
THOUGHTS OF
CHILDHOOD ON
THE BEACH”



Eroded was formed as a wax maquette, evoking thoughts of childhood on the beach searching for lucky “Witches” stones: broken stones worn by the sea until smooth and forming a hole through the entire mass. This coffee table / bench was cast in solid Jesmonite to give a

weight and coldness to the touch.

The Jesmonite has been finished by hand with stain applied to its porous surface to create a mottled texture. The detail and texture of the piece is enhanced by the cracks and fissures in the surface.

Facing page:
Detail of the finish with a
deep crack in the surface
texture



NEOLITHIC HOLOCENE

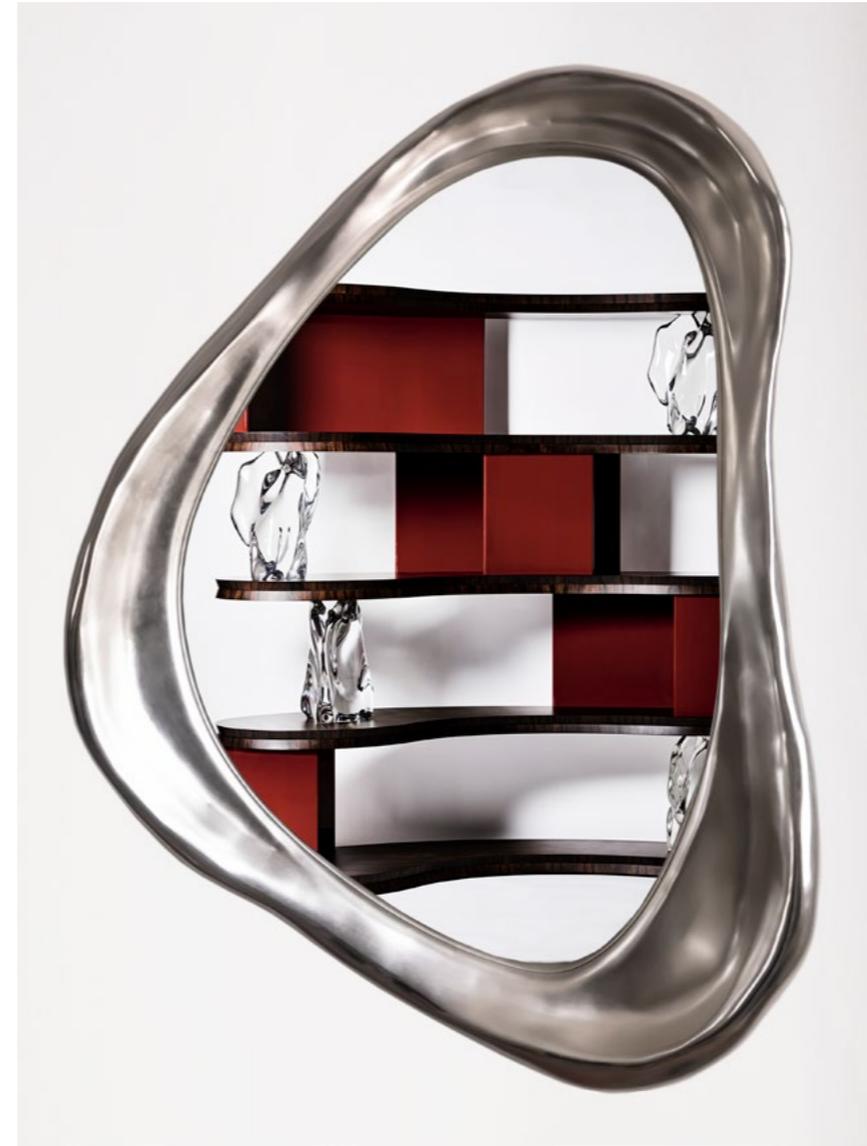
“SCULPTURAL STATEMENT”

The Neolithic console table stands confidently in high gloss cream lacquer.

Taken from the Holocene master but pulled, manipulated and sliced across parallel planes in CAD after being 3D scanned to give function to this bold sculptural statement piece.



MAGALLANA



Magallana oyster shells were collected and compared, and intrigue ensued when viewed in reflection. Reminiscent of the English coastline and its reflected waters these beautiful shells created their own landscape. The Magallana mirror plays on this theme. Imperfectly perfect as they are, the design of this mirror frame shows every detail from the original wax sculpting process and is wonderfully reflected in the mirror surface.



Above:
In the workshop, gilding and burnishing white gold using agate burnishers



HOLOCENE 2022



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