

# MONOLITH



I Am Not David Lee.

**COVER**

MONOLITH  
I AM NOT DAVID LEE

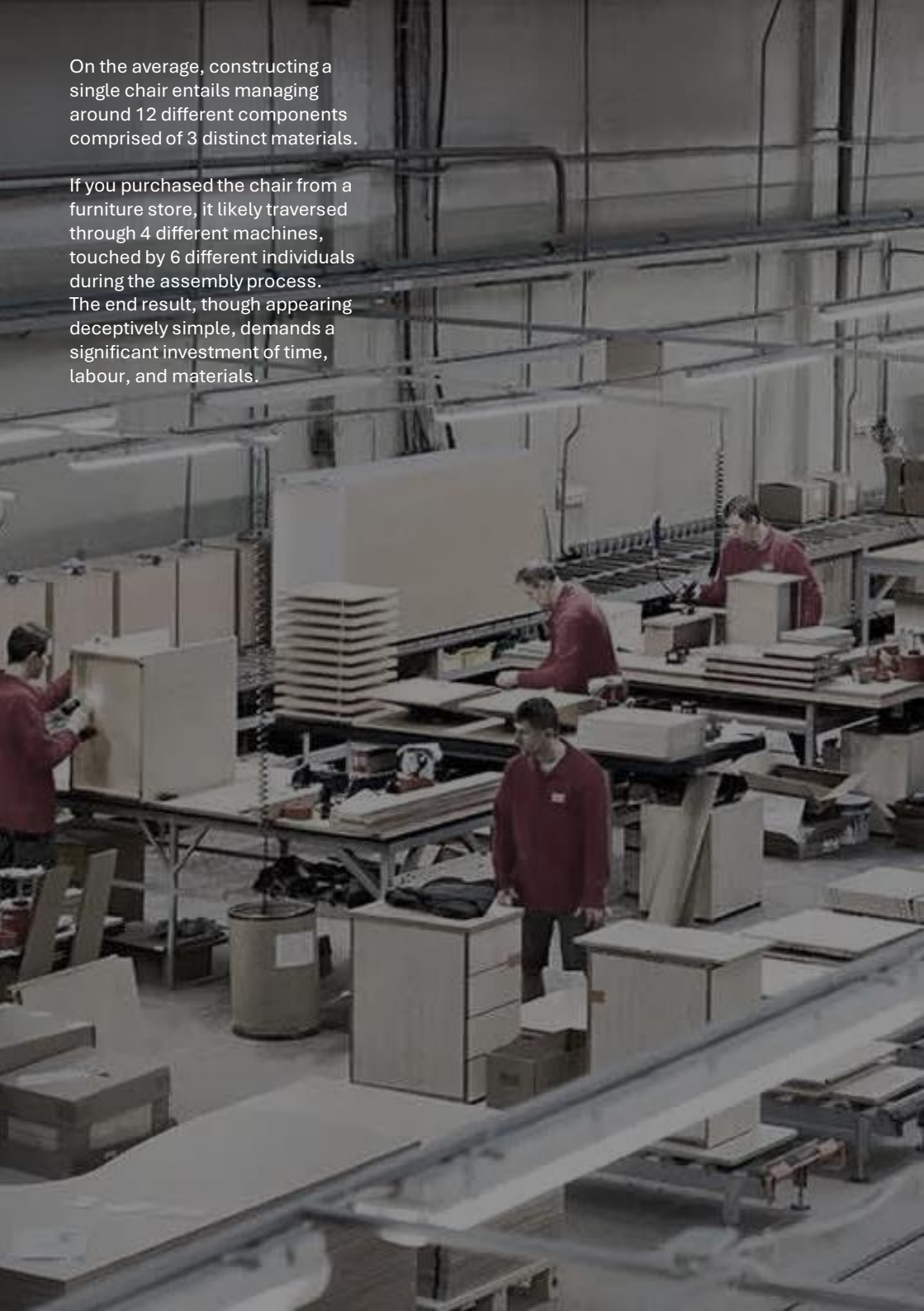
Photograph Credit:  
Londi Studio

**“In Simplicity,  
We Will Find The  
Sustenance For A  
Thriving Tomorrow.”**

MONOLITH 2024

On the average, constructing a single chair entails managing around 12 different distinct components comprised of 3 distinct materials.

If you purchased the chair from a furniture store, it likely traversed through 4 different machines, touched by 6 different individuals during the assembly process. The end result, though appearing deceptively simple, demands a significant investment of time, labour, and materials.







What if

a design could be crafted using only one type of material, devoid of additional joints or the need for extra machinery and manpower?



What if

simplicity in design and construction could reign supreme, harking back to the most basic and conventional approaches - just bending the material to shape?





## Sustainability

is to minimize waste, conserve human resources, and reduce environmental impact. This approach enhances material efficiency, as the streamlined manufacturing optimize resource utilization.



## Simplicity

is to create design that bucks the trend of complexity and to embrace straightforward, simple, conventional production methods that seem to have faded into obscurity amidst the modern making landscape.

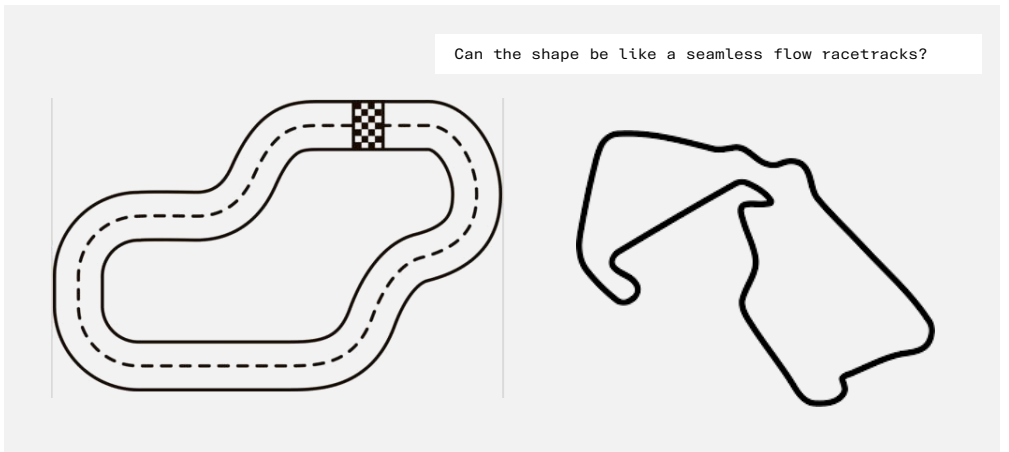
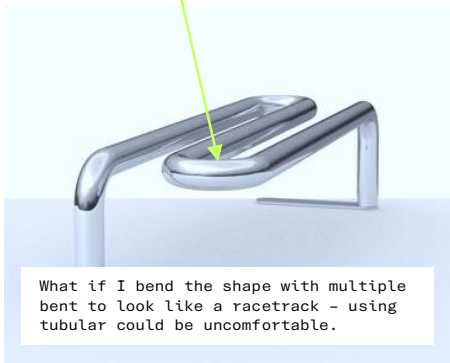
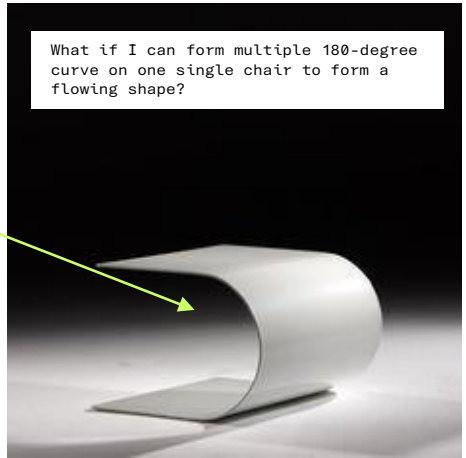
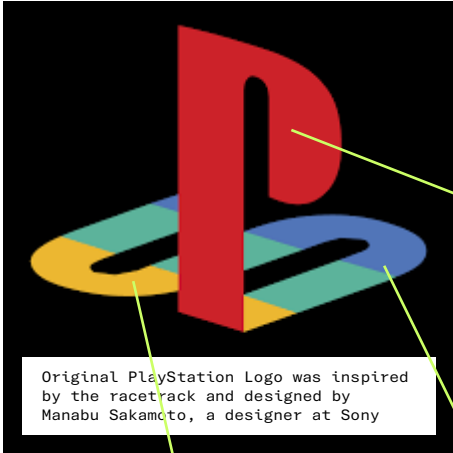




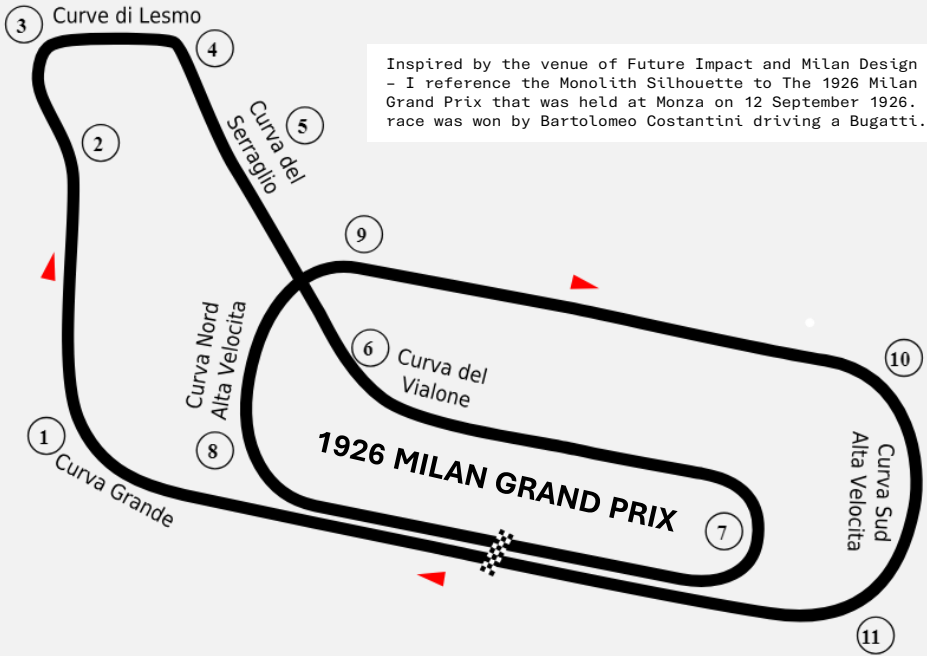
# The Shape

draws inspiration from the iconic PlayStation logo that was inspired by racing track.

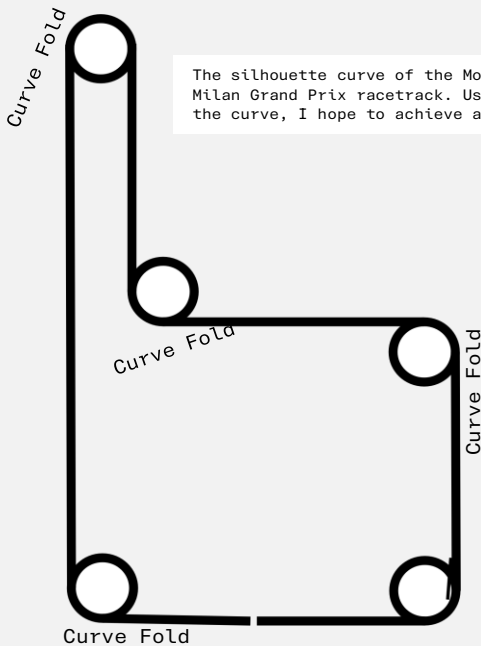
# MOOD BOARD



# MONOLITH SILHOUETTE



Inspired by the venue of Future Impact and Milan Design Week - I reference the Monolith Silhouette to The 1926 Milan Grand Prix that was held at Monza on 12 September 1926. The race was won by Bartolomeo Costantini driving a Bugatti.



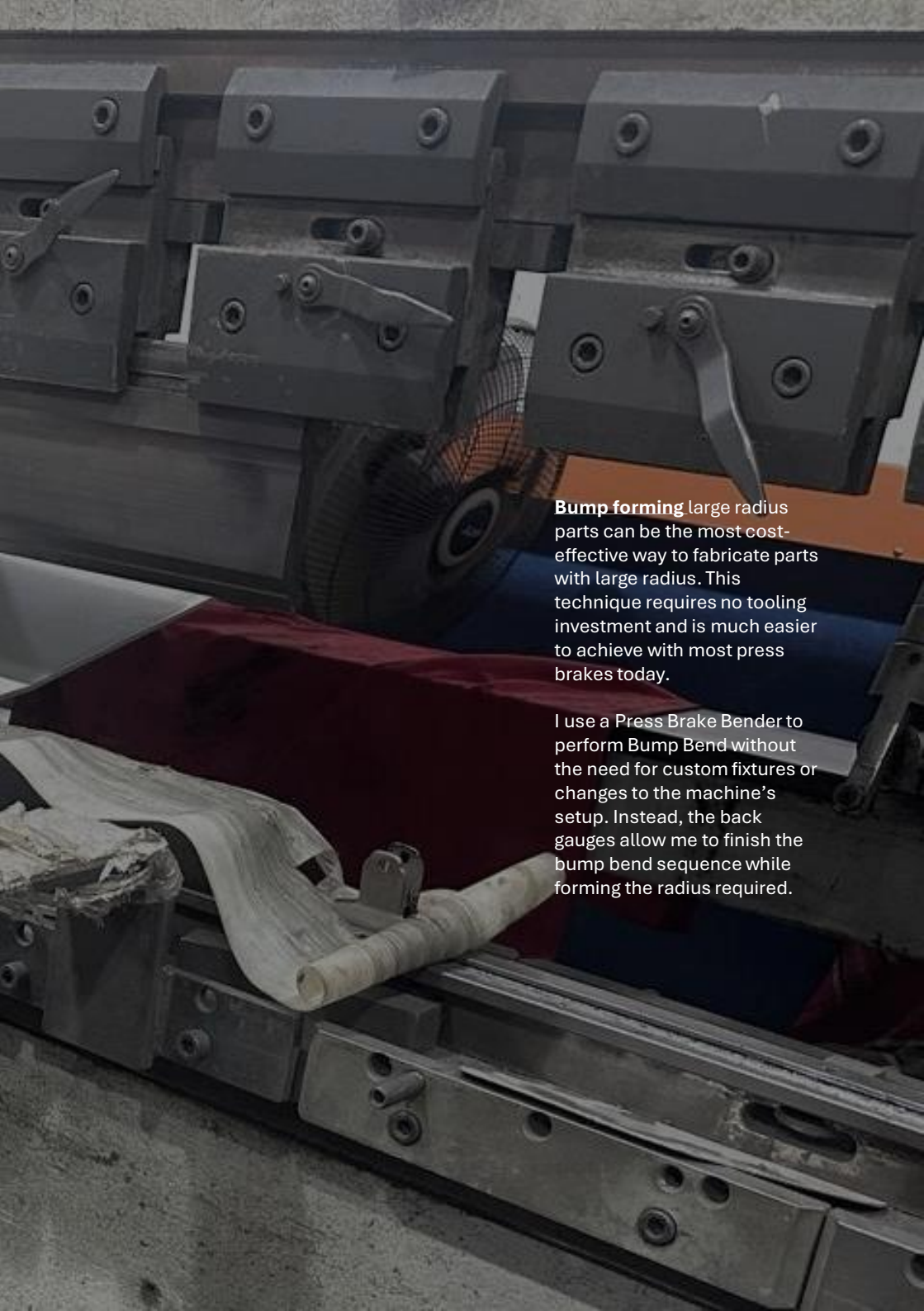
The silhouette curve of the Monolith takes inspiration from the 1926 Milan Grand Prix racetrack. Using 10cm diameter round circle to form the curve, I hope to achieve a seamless flow like the racetrack



# The Build

Machine Use:  
Bending Method:

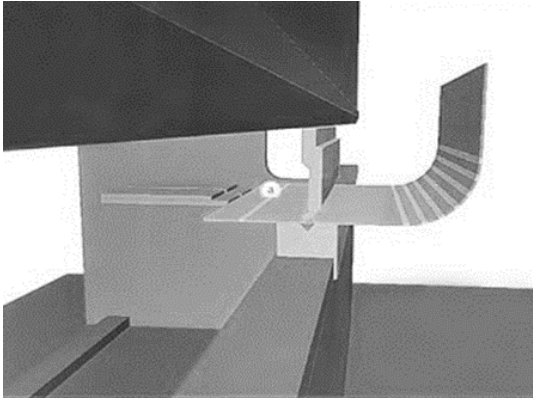
Press Brake Bending Machine  
Bump Bending or Multi-Step Bending



**Bump forming** large radius parts can be the most cost-effective way to fabricate parts with large radius. This technique requires no tooling investment and is much easier to achieve with most press brakes today.

I use a Press Brake Bender to perform Bump Bend without the need for custom fixtures or changes to the machine's setup. Instead, the back gauges allow me to finish the bump bend sequence while forming the radius required.





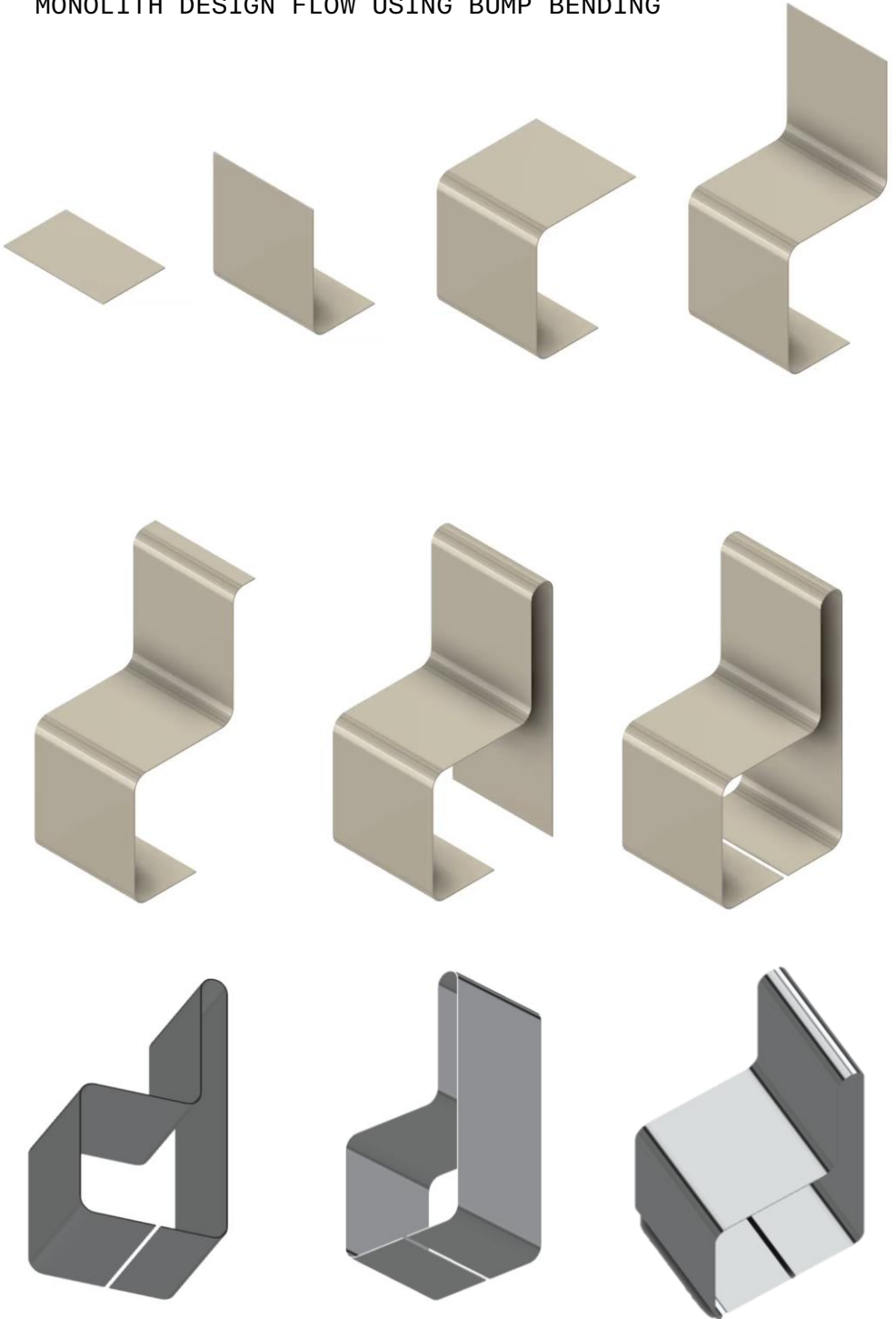
A bump bend is really dozens of bends, bumped by the brake punch a few degrees at a time.

Each bend line has all the variables that go into a conventional bend.





# MONOLITH DESIGN FLOW USING BUMP BENDING



**180 DEGREE  
BUMP BENDING**

**90 DEGREE  
BUMP BENDING**

**90 DEGREE  
BUMP BENDING**

**90 DEGREE  
BUMP BENDING**

**90 DEGREE  
BUMP BENDING**

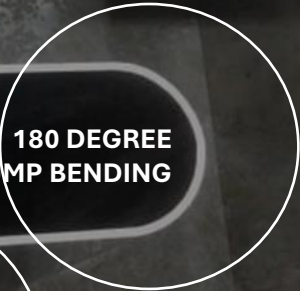




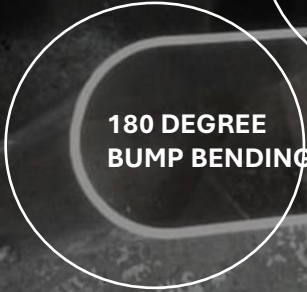
**90 DEGREE  
BUMP BENDING**



**90 DEGREE  
BUMP BENDING**



**180 DEGREE  
BUMP BENDING**



**180 DEGREE  
BUMP BENDING**



**90 DEGREE  
BUMP BENDING**





# The Colour

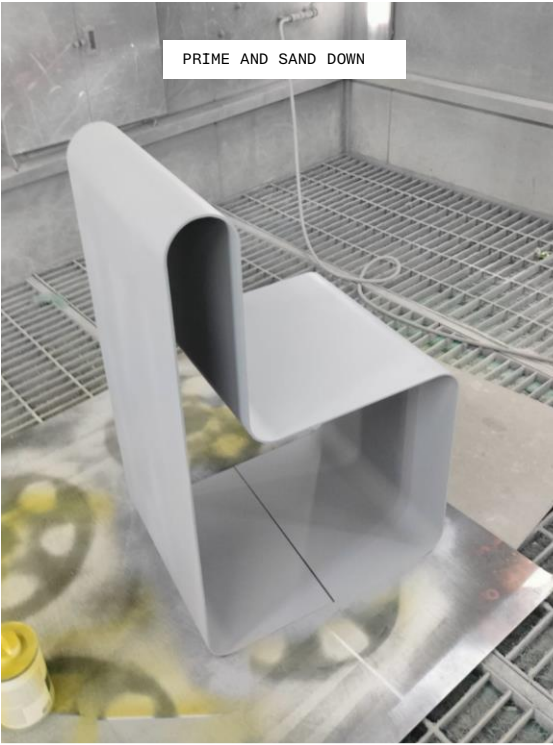
draws inspiration  
from the iconic  
Porsche Spyder 918

Volume Suggestion		Manufacturer		PORSCHÉ International / Passenger Car	
Info		Form-No		Formula date	
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F3 Custom data		Green		Colour group	
F4 Tools		293 - PERMACRON BASISLAC		Prod.code	
				Prod.name	
		1 MB528		BRILLANTGELB	
		2 MB501		WEISS	
		3 MB522		LASURSMARAGD	





PRIME AND SAND DOWN



BASE COAT APPLICATION



TWO COAT PAINT PROCESS



2K LAQUER FINISHING





# MONOLITH







Monolith Chair  
in 4mm thick Aluminum





Monolith Chair  
in 5mm thick Aluminum

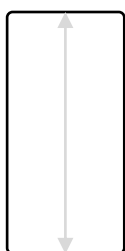
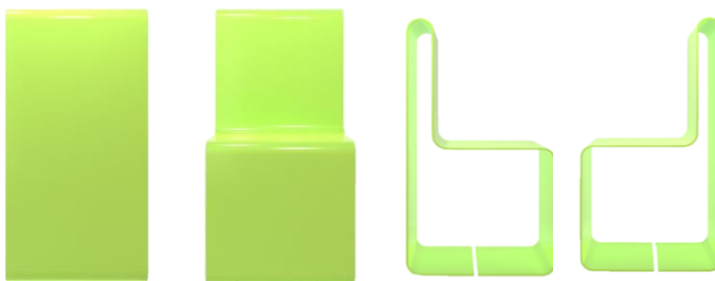






Monolith End Table Stool  
in 4mm thick Aluminum

# MONOLITH Chair



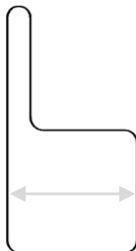
**Height**

90cm



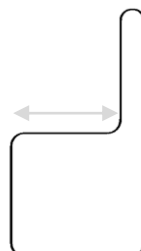
**Length**

40cm



**Width**

58cm



**Seat Width**

48cm

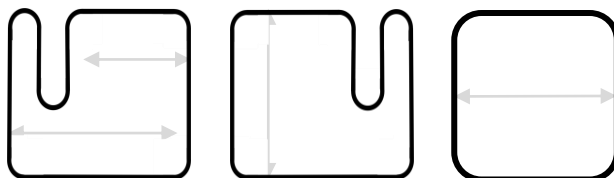
Material  
Finishing

Aluminum 5056 4mm  
Acrylic Enamel, Lacquer Clear Coat  
With option for Powder Coat

Weight

13kg

MONOLITH  
End Table / Stool



Height	Length	Width	Table Width
45cm	50cm	40cm	30cm

Material Aluminum 5056 4mm  
Finishing Acrylic Enamel, Lacquer Clear Coat  
With option for Powder Coat  
Weight 9.5kg

## **I AM NOT DAVID LEE**

Drawing on his interest in both art and design, I Am Not David Lee's practice regularly delves into the grey areas between the two disciplines. Much of the work he produces seeks to explore the untapped potential of familiar materials, encouraging them to behave in unfamiliar ways.

This often requires disregarding conventional practice in art & design and introducing a dose of chaos into what are typically, very structured processes.

To the artist, experiment is an essential element in his creative process and one that he relies on to transcend the limits of imagination.

I Am Not David Lee has established a career as an artist. He has also completed his solo exhibition, exhibited in global design shows and won international awards for his work.

[www.iamnotdavidlee.com](http://www.iamnotdavidlee.com)

## **MILAN DESIGN WEEK 2024 – FUTURE IMPACT 2**

I am immensely grateful to my friends whose unwavering support and boundless generosity have made the presentation of **Monolith** at the Milan Design Week possible. Without your support, this would simply not have been within reach. Your belief in me and your willingness to lend a helping hand have been instrumental in bringing this project to fruition. From the depths of my heart, thank you for standing by me and for being the pillars upon which Monolith stands tall.

Special Thanks

**COEN DESIGN**

**JEHAN GALLERY**

**THE BEURO**

**XTRA DESIGN**

**XTRA FURNITURE**

**Be Water, My Friend.**



MONOLITH

I Am Not David Lee.