



# AUTOMOBILES AND OTHER FANTASTIC MECHANISMS

**VOLUME 1**  
MARCO DEMARTIN 2023



This book contains a collection of rendered 3D models I created in the past few years.

I learned 3D modeling in 2007 while working as a mechanical designer for Electrolux where we designed machine parts to be printed as prototypes. Designing technical models grew from a job into a hobby of recreating real-life objects in digital media. I get inspired by the challenge of reproducing objects, sketches, or art in a 3D form knowing that there is no limitation on the transformations that can happen in a 3D environment. Each of these images is a result of hours of 3D modeling in Autodesk Maya, rendering with Arnold, and Photoshop editing. But in the process, I often felt embarrassed about spending hours playing around with these useless models, a waste of time with no real purpose in life. However, when you stop developing a hobby, you realize that spending time doing something you enjoy is an essential part of one's well-being. When our minds are fully engaged in an activity we enjoy, life's worries and stresses fade for a while. Hobbies rest our brains and allow us to recover and rejuvenate. If we give ourselves mental space, our creativity will expand.

This book offers inspiration, motivation, and an invitation to develop and enjoy your hobbies; run, bike, play, draw, paint, crochet, cook, write, sculpt, sew, design... do what makes you happy and let others see your accomplishments.

**"...you can do anything here, the only prerequisite is that it makes you happy."**

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BOB ROSS

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*To Darly, my beautiful wife and best friend. Ti Amo.*





RECARO  
GOODYEAR













Red Bull  
RACING



brembo  
ALPINE  
momo  
BLITZ









**HRC**  
HONDA RACING

**brembo**  
ALPINE  
**momo**  
Greddy

**Marlboro**



**HRC**  
HONDA RACING

**Marlboro**

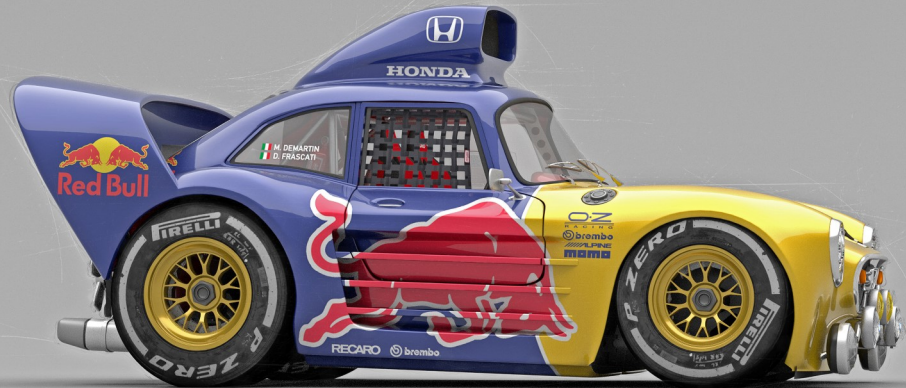
**O.Z.**  
RACING

**brembo**  
ALPINE  
**momo**

Greddy

**BLITZ**  
RECARO















1973 41<sup>e</sup> 1973  
RALLYE MONTE-CARLO









**FIAT500** **ABARTH** **ABARTH** **DAKAR RALLY** **FIAT** **PIRELLI** **MAGNET MARELLI** **Agip**  
INSPIRED BY DAMON MORAN



**FIAT**



**GOODYEAR**

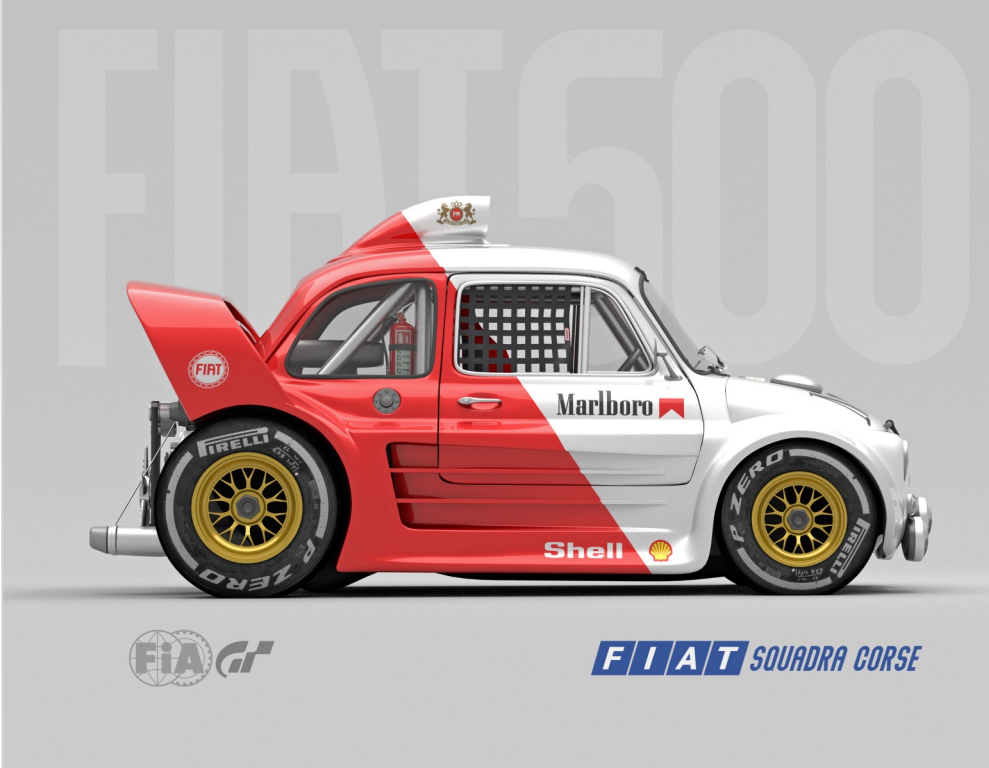
**OLIO**  
**FIAT**





FIAT  
GOODYEAR  
OLIO  
FIAT

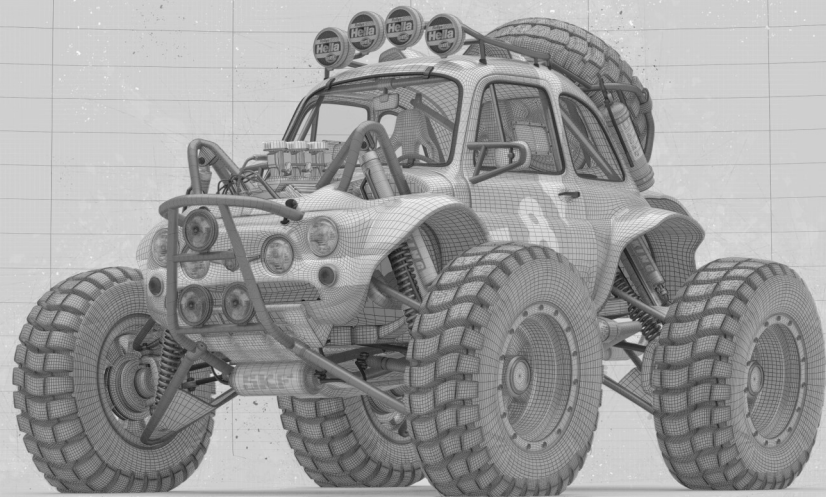




**FIAT** SQUADRA CORSE



FIAT 500 ABARTH MAYA 2020 VERTS: 2.618.595 FACES: 3.406.611  
EDGES: 6.024.029 UV: 5.142.271

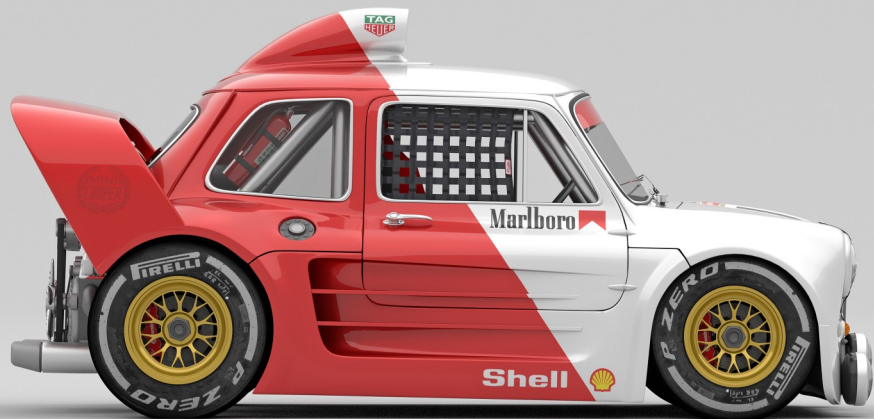


FIAT



GOODYEAR

OLIO  
FIAT



MORRIS MINI COOPER S

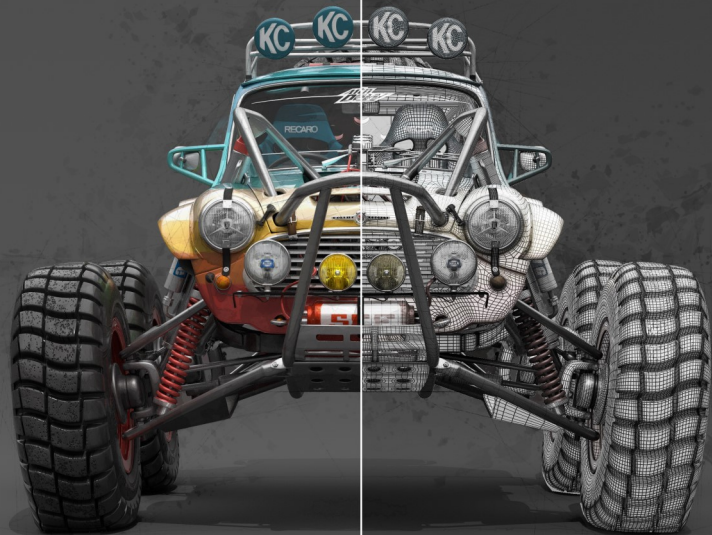


MORRIS MINI  
COOPER S









AUTODESK<sup>®</sup>  
ARNOLD  
MAYA<sup>®</sup>

VERTS: 2,870,050  
EDGES: 5,681,773  
FACES: 2,821,207  
TRIS: 5,638,266  
UVs: 3,054,878





Guyana

International boundary

Region boundary

National capital



ONE LIFE.  
LIVE IT.




**PEEL P50 MONSTER** | **Marlboro**  **RACING TEAM**




**PEEL P50** DRIFTER MONSTER | **Marlboro**  **RACING TEAM**





PEEL P50 **MARTINI** RACING



PEEL P50 MONSTER



PEEL P50 MONSTER







PEEL P50



Coca-Cola





2037 AIRSPEEDER  
CHALLENGE

PEEL  
ENGINEERING

PEEL P50

MARTINI RACING

HEINKEL

2037 HOVERING RACER

72  
vodafone



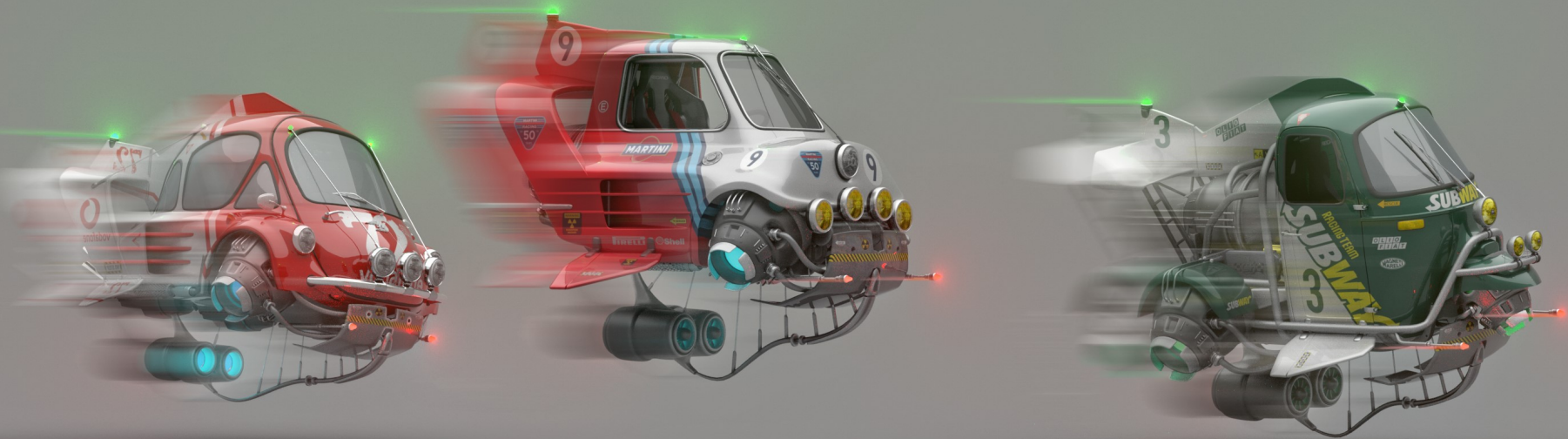




2037 AIRSPEEDER  
CHALLENGE  
**SUBWAY**  
RACING TEAM  
PIAGGIO  
*Ape*

CITROËN  
2037 AIRSPEEDER  
CHALLENGE  
**17**  
Starbucks





*2037 AIRSPEEDER CHALLENGE*





CITROËN 2CV 007



CITROËN K NGS KEEL MAGNETI MARELLI NGK



CITROËN  
2CV



CITROËN K&N NOS HELIX MAGNETI MARELLI NGK



Hookin'  
and  
Bookin'



UNATI SPEEDHUNTERS AEM MANLEY MSD  
IGNITION

Hookin'  
and  
Bookin'



UNATI SPEEDHUNTERS AEM MANLEY MSD  
IGNITION



CARABINIERI



16232



benetton



Scuderia del portello





OLIO  
FIAT

Alitalia



MAGNETI  
MARELLI

PIRELLI



Olio  
FIAT

Alitalia



MAGNETI  
MARELLI

PIRELLI



SUBWAY  
RACING TEAM



PIAGGIO

Ape





PIAGGIO *Ape* **SUBWAY** RACING TEAM 2037 AIRSPEEDER CHALLENGE



2037 AIRSPEEDER CHALLENGE  
**SUBWAY** RACING TEAM  
PIAGGIO *Ape*



**BMW 323** | VERTS: 3770501 | FACES: 4548325 | AUTODESK MAYA  
**E21GROUP B** | EDGES: 8317275 | TRIS: 7138268 | ARNOLD RENDERER











Warsteiner



**BMW 323E21 GROUP B**  
INSPIRED BY DAMON MORAN



**BMW 323  
E21**  
軍隊  
PROTOTYPE  
MACHINEPAXE  
QNR112

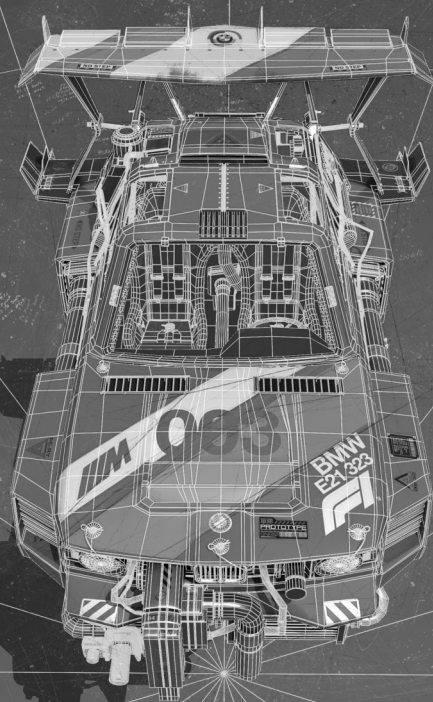


**ME21  
BMW 323**  
軍隊  
PROTOTYPE  
MACHINEPAXE  
QNR112





**BMW 323  
E21**  
軍隊  
**PROTOTYPE**  
MACHINE  
QNRII2



**AUTODESK  
ARNOLD**  
**MAYA**

**BMW 323  
E21**  
軍隊  
**PROTOTYPE**  
QNRII2



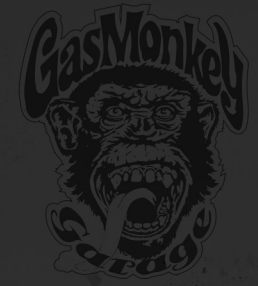
Willys  
KNIGHT

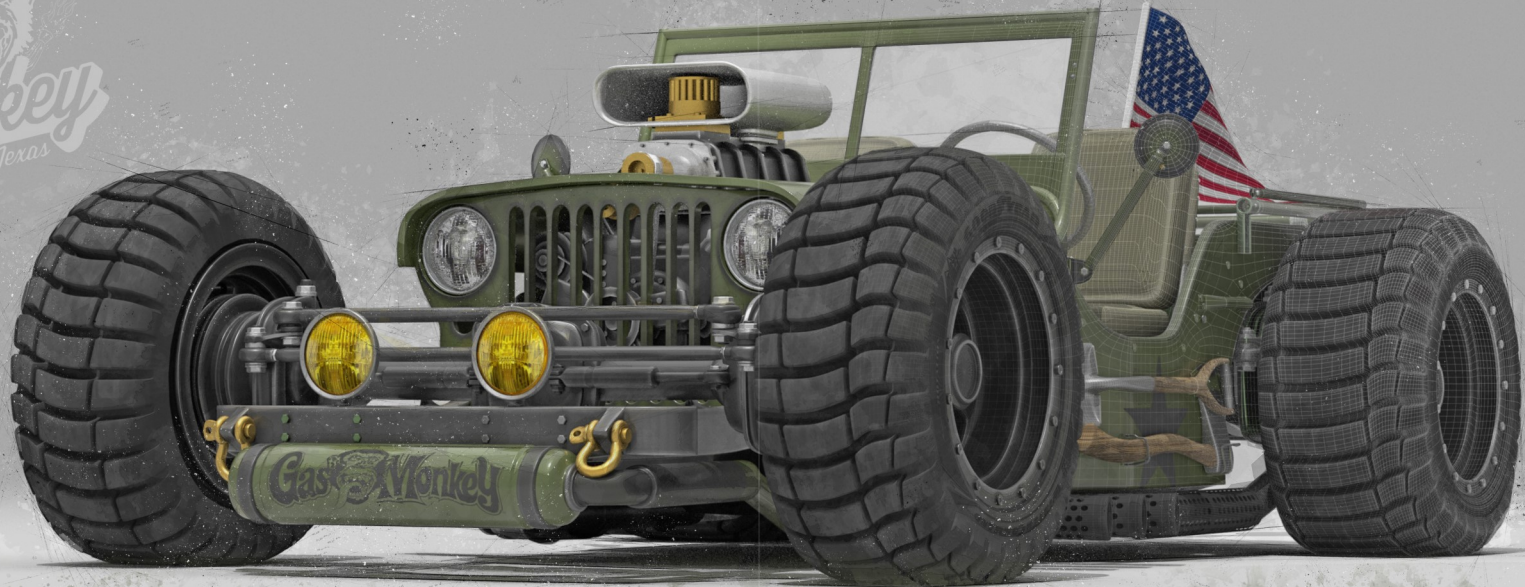






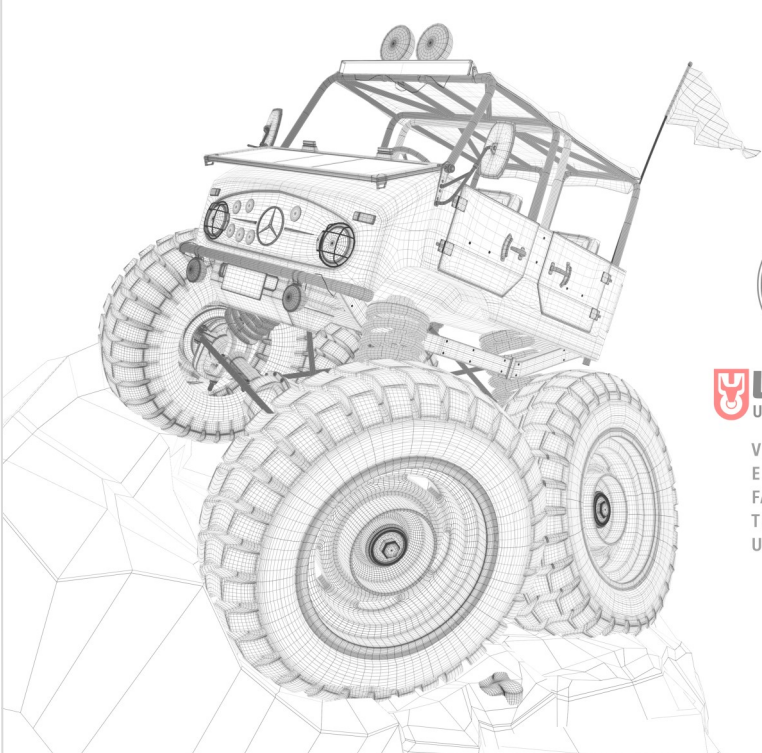
Willys  
KNIGHT











**UNIMOG**  
UNIVERSAL MOTORGERÄT

VERTS: 351.731  
EDGES: 701.429  
FAES: 350.779  
TRIS: 693.727  
UVS: 396.412





 UNIMOG



 UNIMOG







A73 RESCUE TEAM



UNIMOG



A73 RESCUE TEAM



UNIMOG



FIAT  
128



FORMULA DRIFT



FIAT  
128

EVIL  
EMPIRE  
DRIFT TEAM

FORMULA DRIFT







FIAT

PIRELLI

polini

MAGNETI  
MARELLI



FIAT  
126



FORMULA DRIFT





FIAT

PIRELLI

polini

MAGNETI  
MARELLI

Agip



2038 AIRSPEEDER  
CHALLENGE

FIAT DUNLOP