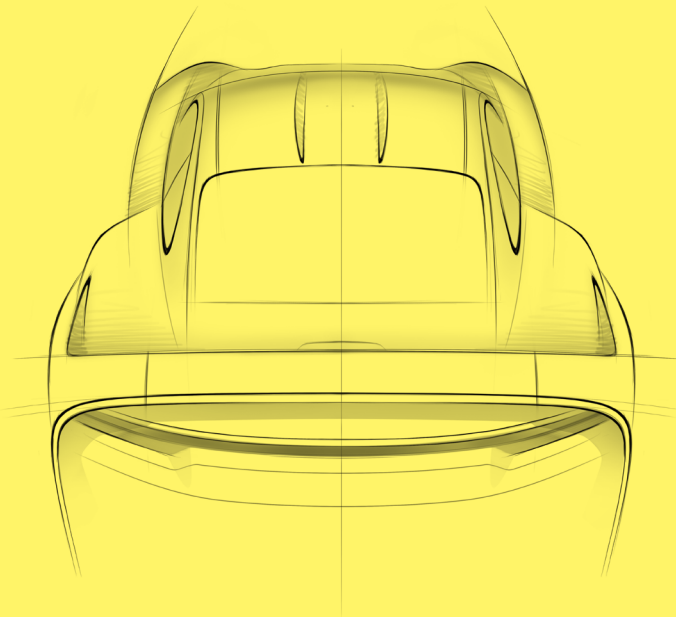




MARC PHILIPP GEMBALLA



*marsien*  
THE STORY

## **MARSIEN** MARC PHILIPP GEMBALLA

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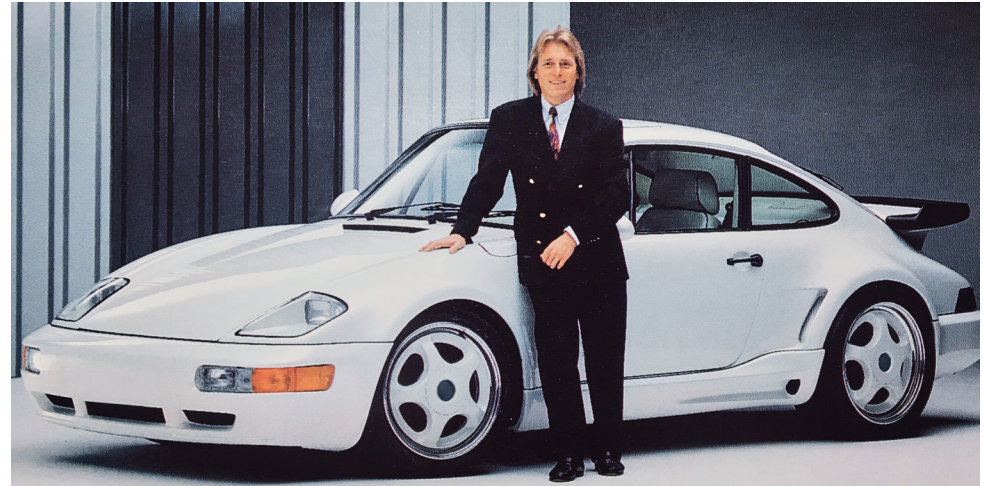
Marc Philipp Gemballa at the age of four in front of a Porsche 911 in 1997

## BORN AND RAISED IN A 911

With the newly founded company MARC PHILIPP GEMBALLA GmbH (not associated in any form with Gemballa GmbH), the 27-year-old son of Uwe Gemballa has launched his very first project. Born and raised in a sports car enthusiastic family, Marc Philipp developed his passion for automobiles from a very early stage.

## A NEW ERA BEGINS

Growing up in an environment where building the fastest and most powerful production car on the planet and setting the next world record on the Nürburgring was key, now over a decade down the road, the market has changed radically. The horsepower game is over, tuning is done by the OEMs themselves, and the market is constantly being flooded with an influx of new supercars with brandishing hyped horsepower figures. Marc Philipp realized when aiming to build a successful company for the next decades – and not just toss the next imitator product onto the market, he needed to come up with something very special for his clients.



Uwe Gemballa with a Porsche 911 the 1980's

## THE VISION

MARC PHILIPP GEMBALLA GmbH sees a new market opportunity in the creation of special design lead vehicles in a small production series – with a vision of creating holistic masterpieces – combined with a new fresh design and technology-focused approach, leaving the era of tuning behind, and ultimately achieving a USP position in the market.

## A NEW CONCEPT

Inspired by the legendary Paris Dakar rally era and more than two years of intense design and engineering development has resulted in the young entrepreneur's first project: an ultra-modern yet timeless looking supercar forming a hybrid between a modern-day super sports car with all its comfort and day-to-day practicality, combined with off-road capabilities enabling the ultimate on and off-road driving experience.







## THE NAME – MARSIIEN

With its outstanding design, cutting-edge technology and strong performance, the name of the vehicle needed the right moniker to capture its unique qualities and reflect the characteristics and DNA of the vehicle.

During the intense test phase in the beautiful Al Faya desert, the development team was amazed by the stunning red desert sand in combination with the sharp fossil rocks and mountain backdrops shaping the landscape of the desert, making it very special and unlike any other.

The Al Faya desert located in the emirate of Sharjah in the United Arab Emirates has been famous ever since for its unique and extremely red desert sand and Mars-like environment visually. The name 'MARSIIEN' was born - derived from the French word 'Martian' or 'from Mars'.

## BASED ON THE LATEST TECHNOLOGY

Looking for the latest cutting-edge platform featuring state-of-the-art technology for their first project and with the need of the base vehicle to be equipped with a modern and sophisticated all-wheel drive system to master the intense challenges in the off-road terrain, the all-new Porsche 992 Turbo S provided the perfect base to realise the young entrepreneur's vision.

Manufactured in Germany, tested in the sand dunes of the Arabian desert and available to clients worldwide, production is limited to just 40 units.



## THE EXTERIOR

The MARSIIEN features a full carbon fiber body. All exterior components are produced in pure carbon fiber, exclusively designed for performance, light weight and cooling. Each body panel is manufactured by a leading German carbon fiber specialist who also supplies leading OEM supercar manufacturers and several leading Formula One teams.

For the design, Marc Philipp Gemballa left nothing to chance and brought on board designer and Porsche aficionado Alan Derosier, known for his stunning Porsche 908 design study, who has been responsible for the ultra-modern yet timeless looking design of the MARSIIEN. His artistry can be found in every smooth curve and sophisticated lines of the MARSIIEN's spectacular and timeless design.

Besides the full carbon fiber body, the exterior features functional design upgrades such as a completely bespoke taillight. Featuring the latest LED technology, the rear light has been developed together with light specialist GERG Lighthouse, enabling a completely holistic design appearance of the MARSIIEN.

The shape of the MARSIIEN had to prove its aerodynamic efficiency and undergo intensive CFD (Computational Fluid Dynamics) analysis. A development effort that is crucial for optimum driving dynamics at all speeds, efficiency, and maximum safety. A task which has been accomplished by engineering partner KLK, who has gained expertise in developing aerodynamics for LMP1, Formula E, and Formula One racing teams for over 20 years.



The MARSIIEN features a completely new and bespoke taillight

The MARSIIEN is currently undergoing full road homologation process by renown and certified German technical service provider FAKT, who has been integrally involved in the development of the body. Marc Philipp Gemballa's technical team are working hand in hand with FAKT to ensure the vehicle successfully passes the relevant crash tests required for approval and road homologation in Europe, including Switzerland, Middle East, the USA, as well as other major global markets in the future.

The exterior paint is applied by a state-of-the-art and certified paint shop via a team that is able to fulfil the most daring customer colour requests. The launch vehicle has been painted in an elaborate tripe layer pearl white with special metallic flakes and received additional protection through a ceramic coating.

Combined with the exposed carbon fiber components featured on the launch vehicle such as the front splitter with side flaps, side sills, wing mirrors, the air intakes and outtakes, decklid as well as the exhaust frame and rear diffuser with rear flaps; the optional carbon fiber package has been created to make a sophisticated and overall dynamic appearance. For the ones this is not enough, there is also the option to have a fully exposed carbon fiber body.

## ENGINE - POWERED BY RUF

A truly bespoke vehicle requires a unique powertrain of the highest quality. Consequently, Marc Philipp Gemballa teamed up with legendary Porsche engine specialist RUF Automobile for the engine development of the MARSIIEN. Founded in 1981, RUF Automobile is known for its Porsche engine expertise, having already worked with Marc's father Uwe Gemballa to produce powertrains for various vehicles in the 1980s.

The engine upgrade 'POWERED BY RUF' enables the six-cylinder boxer engine to deliver over 750 horsepower and 930 Newton meters of torque.

For clients that are looking for even more power, there is second stage power upgrade by RUF Automobile taking the engine up to 830 hp with enhanced VTG turbochargers and a revised ECU mapping and transmission setting.

The engine is protected from overheating even under extreme conditions. The airflow of the central radiator has been completely redesigned, now directing the hot air from the radiator through a NACA duct over the carbon fiber bonnet and around the A-pillars, to the rear of MARSIIEN.



Alois Ruf (right) together with Marc Philipp Gemballa (left)

BMC, the air filter specialist based in Italy has developed an air filter insert that is uniquely fitted for the dusty conditions in the desert. While protecting the engine from dust and foreign particles, it maintains a sufficient flow of fresh air to allow the engine to work optimally. With innovative technology and first-class design, the drivetrain is singularly equipped for the MARSIIEN.

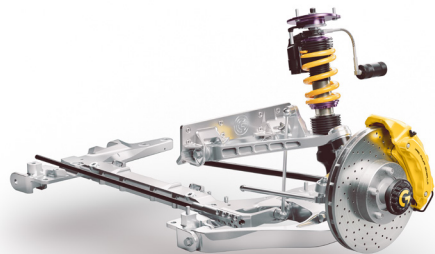
The Porsche PDK transmission has also been revised and adapted to the new conditions so that the enormous power reserves arrive at all four wheels without loss consistently. Extended driveshafts have been developed with reinforced Porsche Cayenne joints to reliably enable the enormous spring deflection and the engine's high torque.

For the sound of the vehicle, the leading performance exhaust manufacturer Akrapovič has developed an entirely new titanium exhaust system exclusively for the project, focusing on a bespoke sound experience, light in weight and further increasing the power output of the RUF Automobile-upgraded boxer engine.





# CUTTING EDGE SUSPENSION AND CHASSIS TECHNOLOGY



For the suspension the young entrepreneur teamed up for a technological partnership with the leading suspension and chassis technology pioneer KW Automotive. Together the two companies have developed a bespoke suspension system, which has been exclusively created for the MARSIIEN. The off-road capable supercar has had extensive changes to the chassis of its base vehicle including a completely new developed double wishbone front suspension setup equipped with KW Automotive's solid piston damper technology, featuring an intelligent active damper control as well as an adjustable ride height system for on road and off-road use.

At the touch of a button, the adjustable ride height system enables an electronically controlled hydraulic lift increasing the ride height from Turbo S on road level, up to an overall ground clearance of 250 mm, enabling the ultimate on and off-road driving experience.

Due to the Dynamic Damping Control (DDC) system, the compression and rebound forces of the dampers are optimally adjusted in real-time, ensuring immediate response behaviour. Each damper contains two electromagnetic proportional valves that regulate the forces separately and adjust the damper forces within just 20 milliseconds perfectly to any driving situation, no matter which terrain – be it on snow, sand, or the worst dirt road imaginable.

Furthermore, the driver can choose between several driving modes via the drive mode knob on the steering wheel, which automatically adjusts damper, transmission setting, engine mapping, as well as the ride height accordingly for the selected drive mode. Besides the standard Porsche modes, the new off-road modes include gravel, mud, sand, and snow – always protected by solid aluminium skid plate, covering the entire underbody of the vehicle.

For perfect driving conditions in both on and off-road mode, the MARSIIEN comes with two specially designed forged aluminium wheel sets with centre locking system, running on Michelin Ultra High Performance (UHP) tyres for on road and All Terrain tyres for off-road use.



And for the drivers looking for the ultimate off-road experience and don't mind limited road usability, there will be an optional off-road package equipped with Reiger Suspension rally specification off-road dampers further enhancing the suspension travel and increasing the ground clearance to a fixed off-road ride height.



## GRANTING BESPOKE INTERIOR DREAMS

The MARSIEEN's interior design echoes the elegance of the exterior. The conversion comes with a full leather or Alcantara interior handcrafted with the highest quality of materials, equipped with a bespoke Carrera GT-inspired lifted middle console, as well as GT style door lashes and further details throughout the interior with the option to full customization.

The interior is an example of the fine balance between form and function, with tasteful handstitching of the logo and paddles for manual gear switching. Similar stitching can be found on the floor mats and headrest, while the logo is imprinted on the fire extinguisher and the armrest.

Finally, the metal plaque displaying the individual production number of the limited series of just 40 bespoke vehicles is embedded in the centre console – giving a special touch to the cabin. These small details give the interior its unmistakable character, while the MPG yellow sets the tone.



THE FASTEST WAY TO GET TO THE HEART OF A DRIVER IS BY THE SOUND OF THE ENGINE



# SPECIFICATIONS SUMMARY

Name	MARSIEN 4X4
Base vehicle	Porsche 911 Turbo / Turbo S (992 series)
Powertrain	RUF upgraded twin-turbocharged flat six engine (AWD)
Power	750 horsepower (PS)
Torque	930 Nm torque (series: 800 Nm torque)
0-100 km/h	2.7 seconds (with on road tyre set only)
Max speed	330 km/h (with on road tyre set only)
Exhaust	Bespoke Akrapovič titanium exhaust system
Suspension	Double wishbone front suspension / Multi-link rear suspension
Ground clearance	250 mm in off-road mode / 120 mm in on road mode
Exterior	Full carbon fiber body (painted)
Overall dimensions	L 4714 / W 2030 / H 1450 (in off-road mode)
Production run	A limited series of just 40
Start of production	2022

# MARSIEN 4X4 DESTINATIONS



## MANUFACTURED IN GERMANY, DRIVEN AROUND THE WORLD

- Abu Dhabi, UAE
- Buenos Aires, Argentina
- Denver, USA
- Doha, Qatar
- Dubai, UAE
- Heilbronn, Germany
- Jeddah, Saudi Arabia
- Krapkowice, Poland
- London, United Kingdom
- Los Angeles, USA
- Miami, USA
- Muscat, Oman
- New York, USA
- Portland, USA
- Riyadh, Saudi Arabia
- San Francisco, USA
- Sao Paulo, Brazil
- Sharjah, UAE
- Sofia, Bulgaria
- Stuttgart, Germany
- Taipei, Taiwan
- Tokyo, Japan
- Toronto, Canada
- Zurich, Switzerland

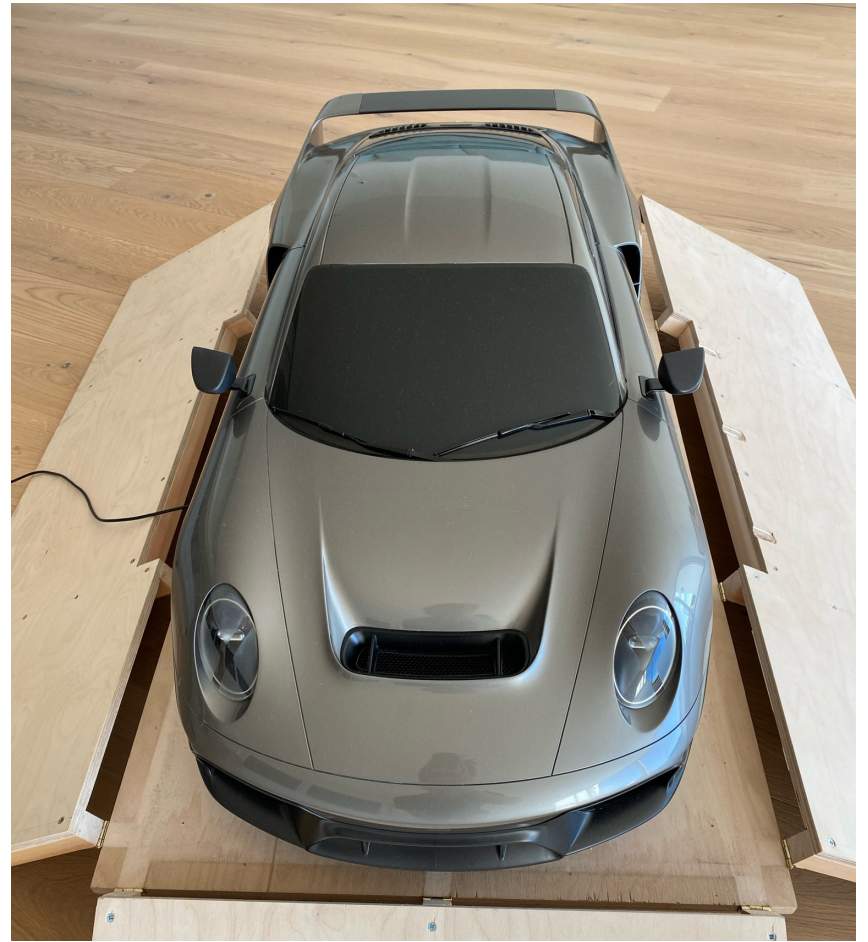
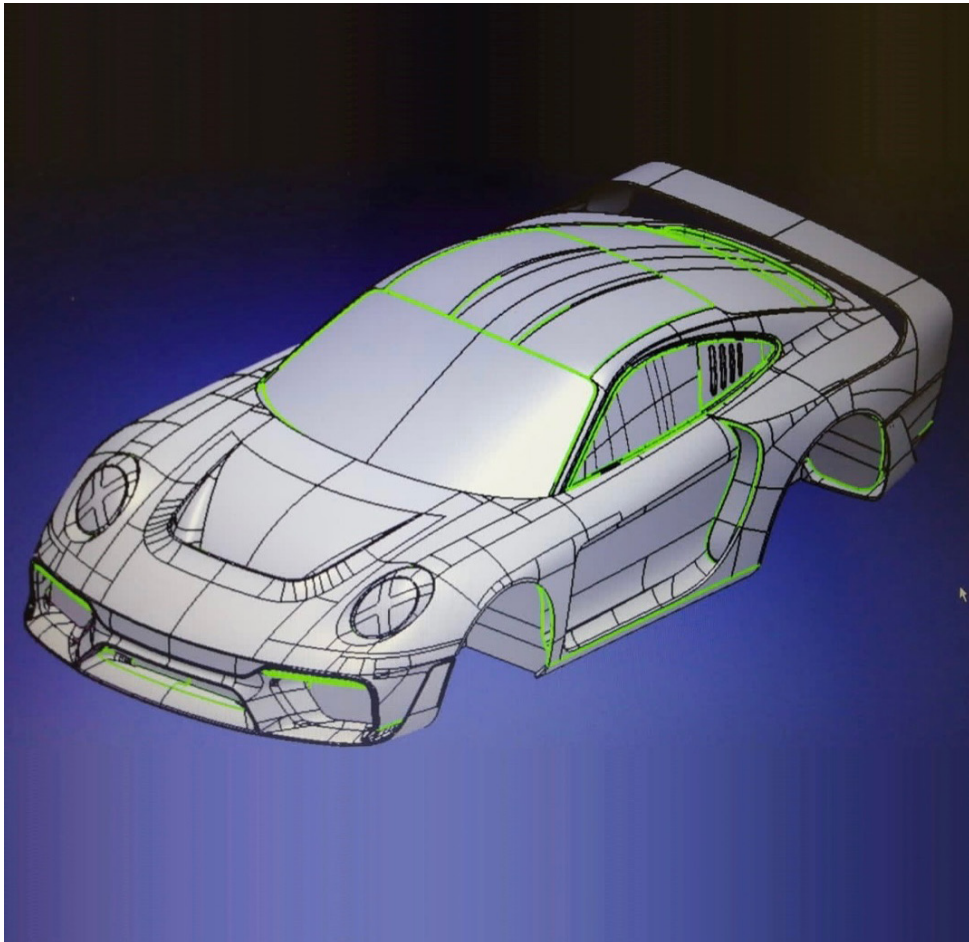
21 - 40

# MAKING OF MARSIEN













































41 – 70

# INTRODUCING **THE MARSIEN**





















































71 – 84

# FROM THE ARABIAN DESERT **TO NEW YORK CITY**























BROADWAY

1568 BROADWAY

TSX TSX

EDITION  
PARK HERE

PROJECT SPEEDBOX

THANK YOU TO ALL OUR FRIENDS, PARTNERS & CLIENTS  
FOR HELPING US MAKE THIS HAPPEN



POWERED BY  
LEADING PARTNERS IN THE INDUSTRY





**THANK YOU**  
FOR BEING PART OF THIS JOURNEY

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Marc Philipp Gemballa at the age of four in front of a Porsche 911 in 1997



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