



Puig

presents..

THE PROJECT



EVERFLOWING DESIGN

is a project sparked by the curiosity of the Puig R+D team to see what their limits are, their desires, their goals in creating motorcycle accessories.

Our professional practice is linked to the market, to the motorcycles that are the market, to which as engineers and designers in the sector we try to improve, both in performance and aesthetically, to get the most out of their potential, so that each person feels his or hers motorcycle as their own, as their greatest desire, like only riders know how special their bike is for motorbike lover...

It is, by definition, a limited exercise of creativity, which starts from the motorcycle as its base, with its features, its characteristics and its character...

But, what could we do if we had the freedom of imagining the motorcycle of the future? How do we imagine it? How would it look like? What features and accessories would it have?

*We let our imagination fly in a free exercise of creativity, that exercise is **EVERFLOWING DESIGN**, the will that design, creation, innovation, should never stop flowing.*

We must be in constant movement, in constant change, only then will we be advancing towards the future, being pioneers and providing our clients with what they deserve, which is the best version of ourselves.

This exercise has put us to a test, it has been a challenging and learning process, from it other products will be born, new ideas, to always continue evolving, to never stopping...

This is EVERFLOWING DESIGN

THE PROJECT

EVERFLOWING DESIGN

Our designing principles are what define us, what marks each of our products and to them we owe ourselves. For almost 60 years these principles have been transformed along the way but they are always faithful to our essence and our origins, and in them we base our design project

FUNCTIONAL

without purpose there's no design

ADAPTABLE

to different uses/needs

FUTURISTIC

always looking forward

AERODYNAMIC

as the base of everything

ERGONOMIC

for every type of rider

MINIMALISTIC

no extra ornaments

SMART - ELECTRONIC

Technologic and useful

INTERACTIVE

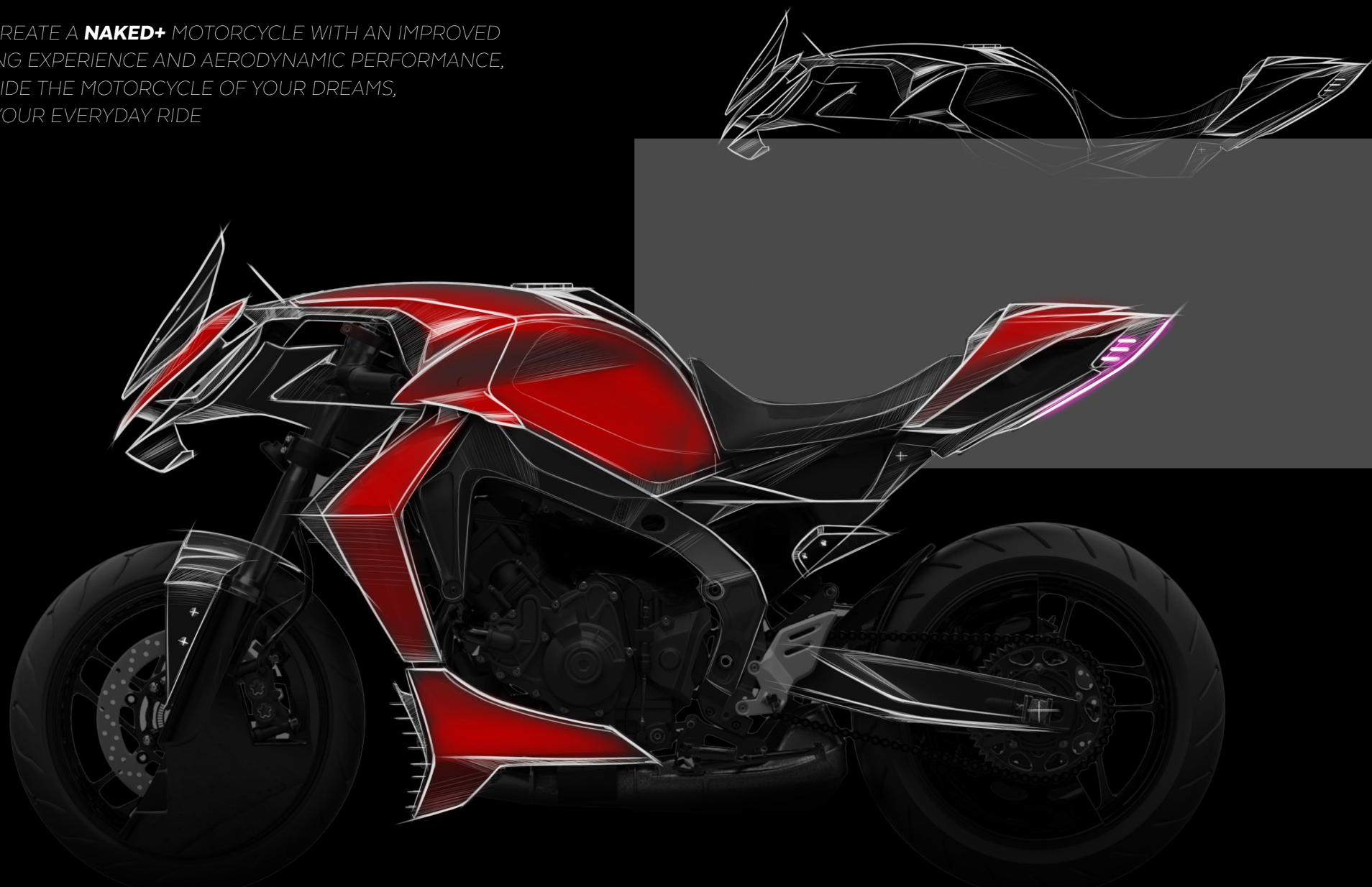
a bike that responds

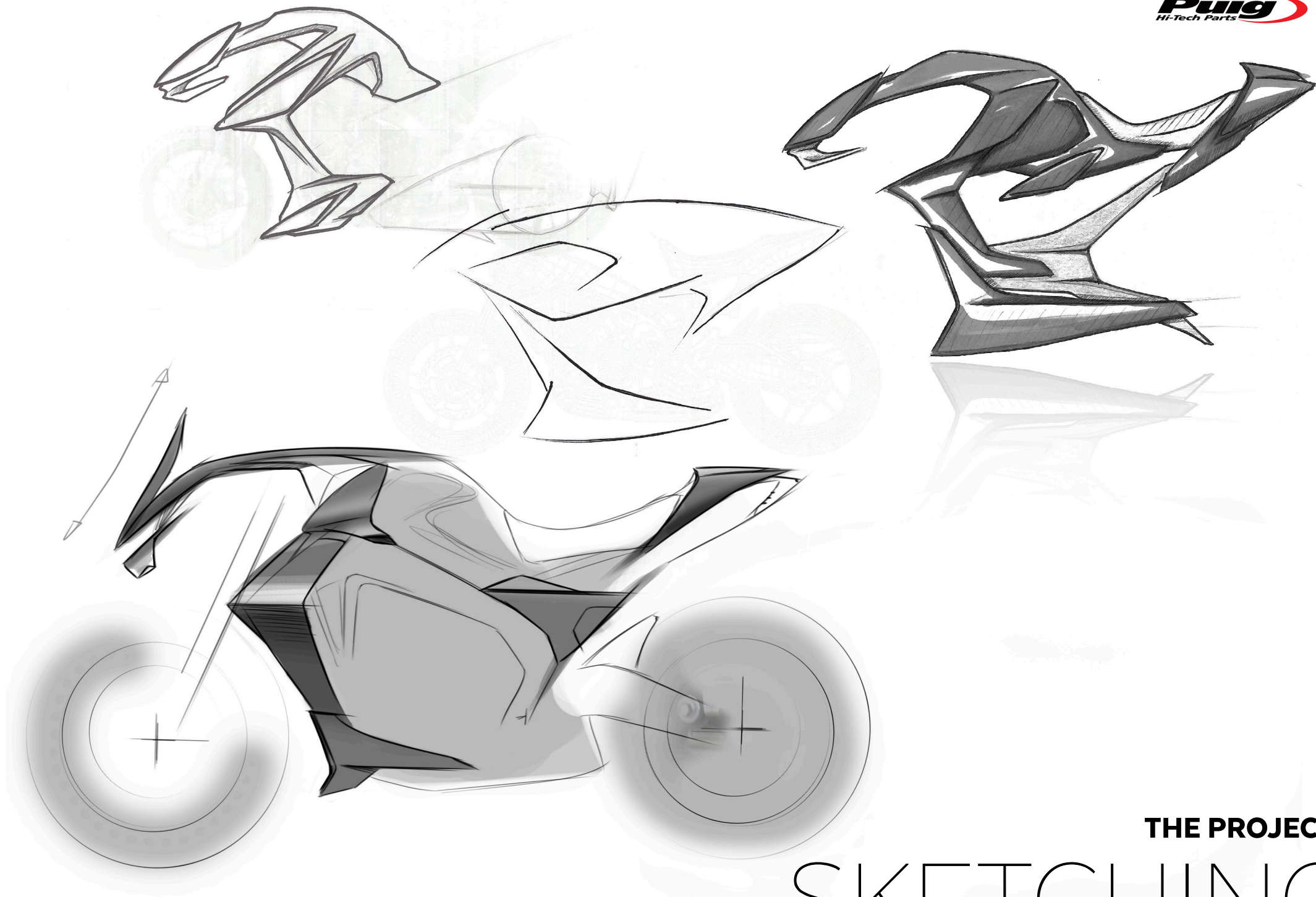
CONCEPTS

THE PROJECT

TO CREATE A **NAKED+** MOTORCYCLE WITH AN IMPROVED RIDING EXPERIENCE AND AERODYNAMIC PERFORMANCE, TO RIDE THE MOTORCYCLE OF YOUR DREAMS, ON YOUR EVERYDAY RIDE

DEFINITION





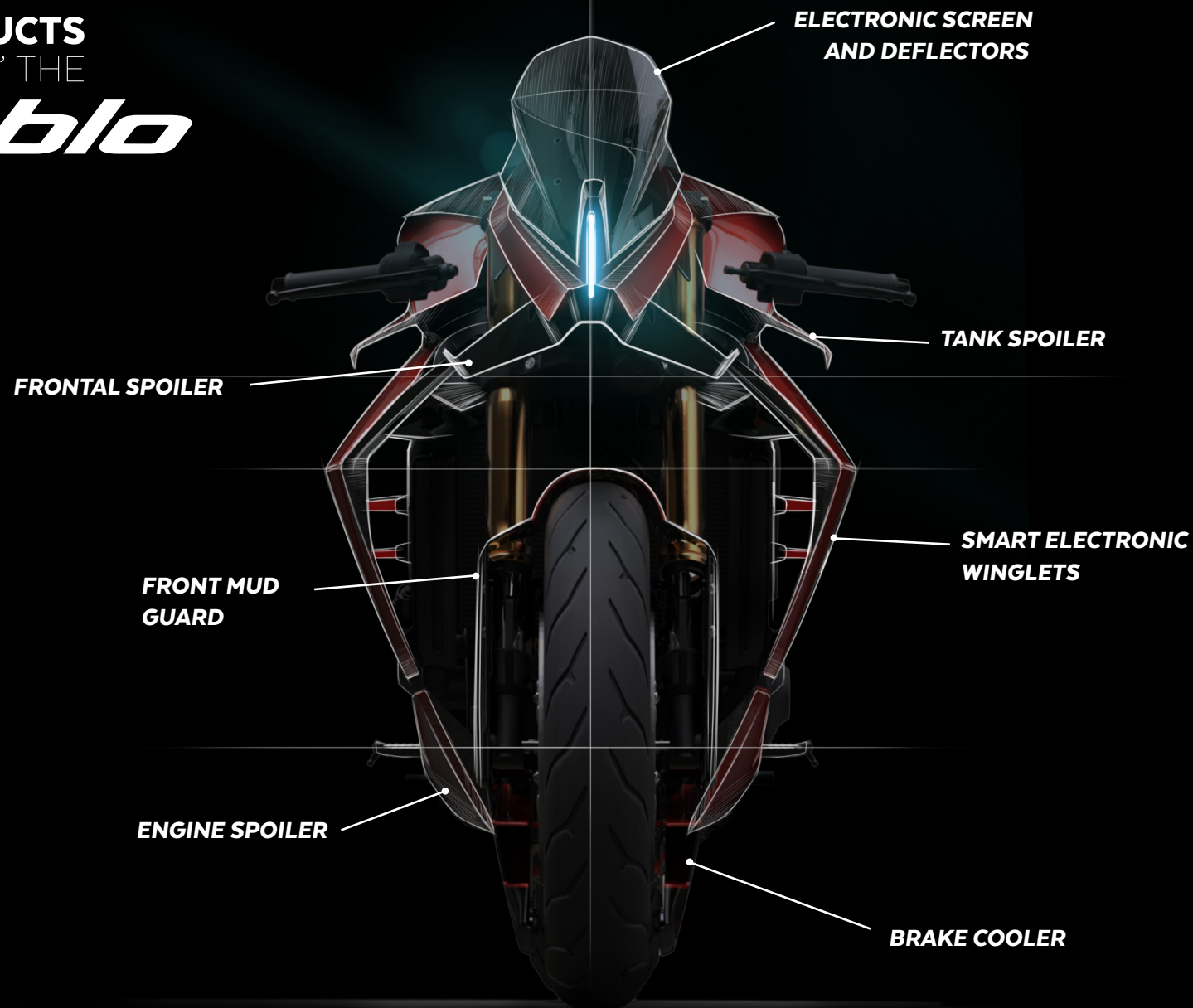
THE PROJECT
SKETCHING

AFTER CONDUCTING ERGONOMIC AND AERODYNAMIC STUDIES, **THE RIDING POSITION HAS BEEN MODIFIED** IN ORDER TO GET A MORE SPORTIVE POSITION THAT ALLOWS US TO **IMPROVE THE AERODYNAMICS OF THE BIKE + RIDER** AND A **BETTER CX**. WE CAN ALSO PROTECT AERODYNAMICALLY BETTER THE RIDER.

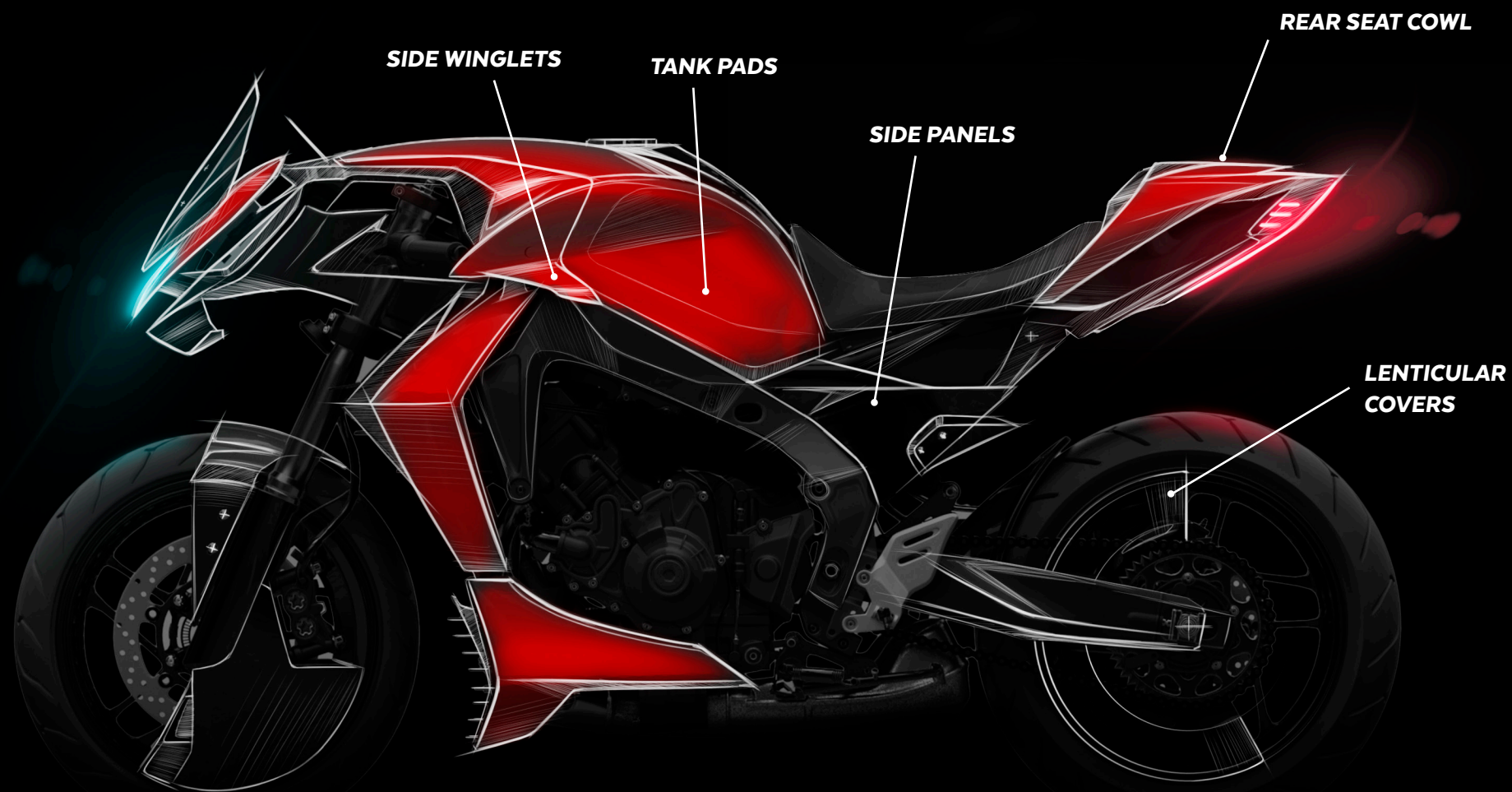


THE PROJECT
ERGONOMICS

THE PRODUCTS
THAT "MADE" THE
Diablo



THE PRODUCTS
THAT "MADE" THE
Diablo





Diablo



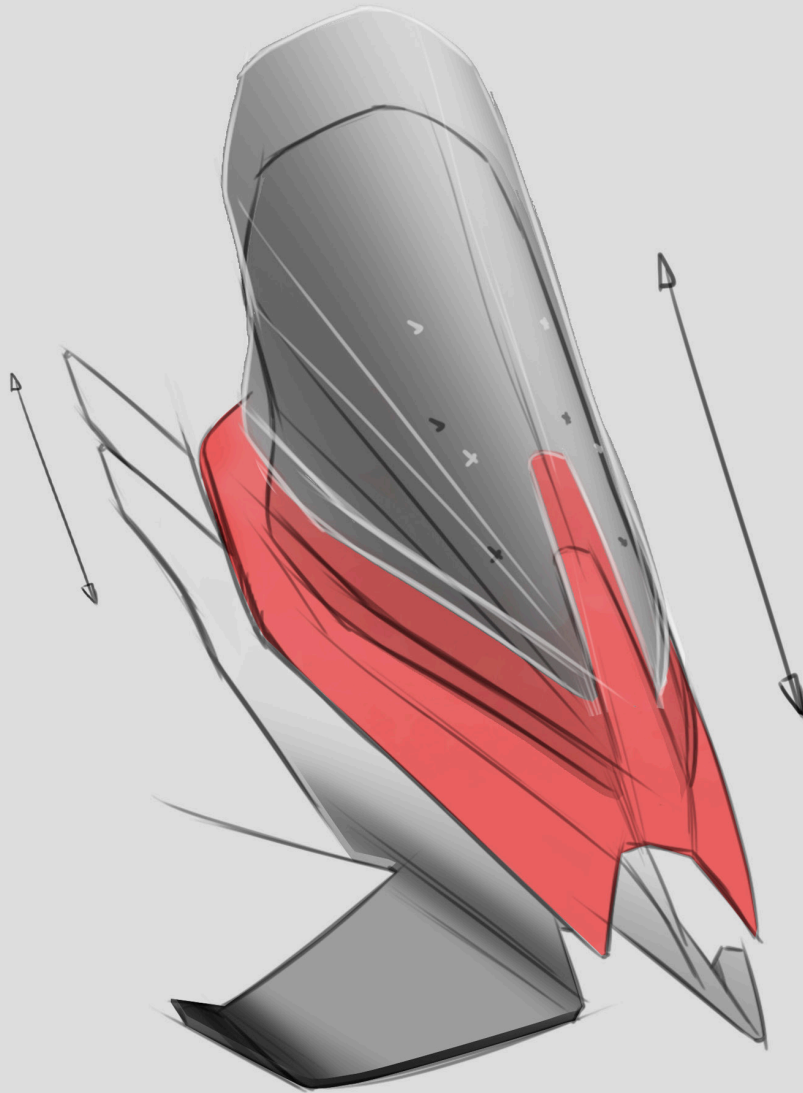
Puig

Diablo

Diablo

THE PROJECT

ELECTRONIC SCREEN AND DEFLECTORS



The screen moves up electronically along with the deflectors to give an **adjustable aerodynamic protection of 100mm** depending on the needs of each moment and rider.

The mechanism is a continuous path and it can be moved with a button and stopped wherever we desire for an adaptable protection.

FUNCTIONAL

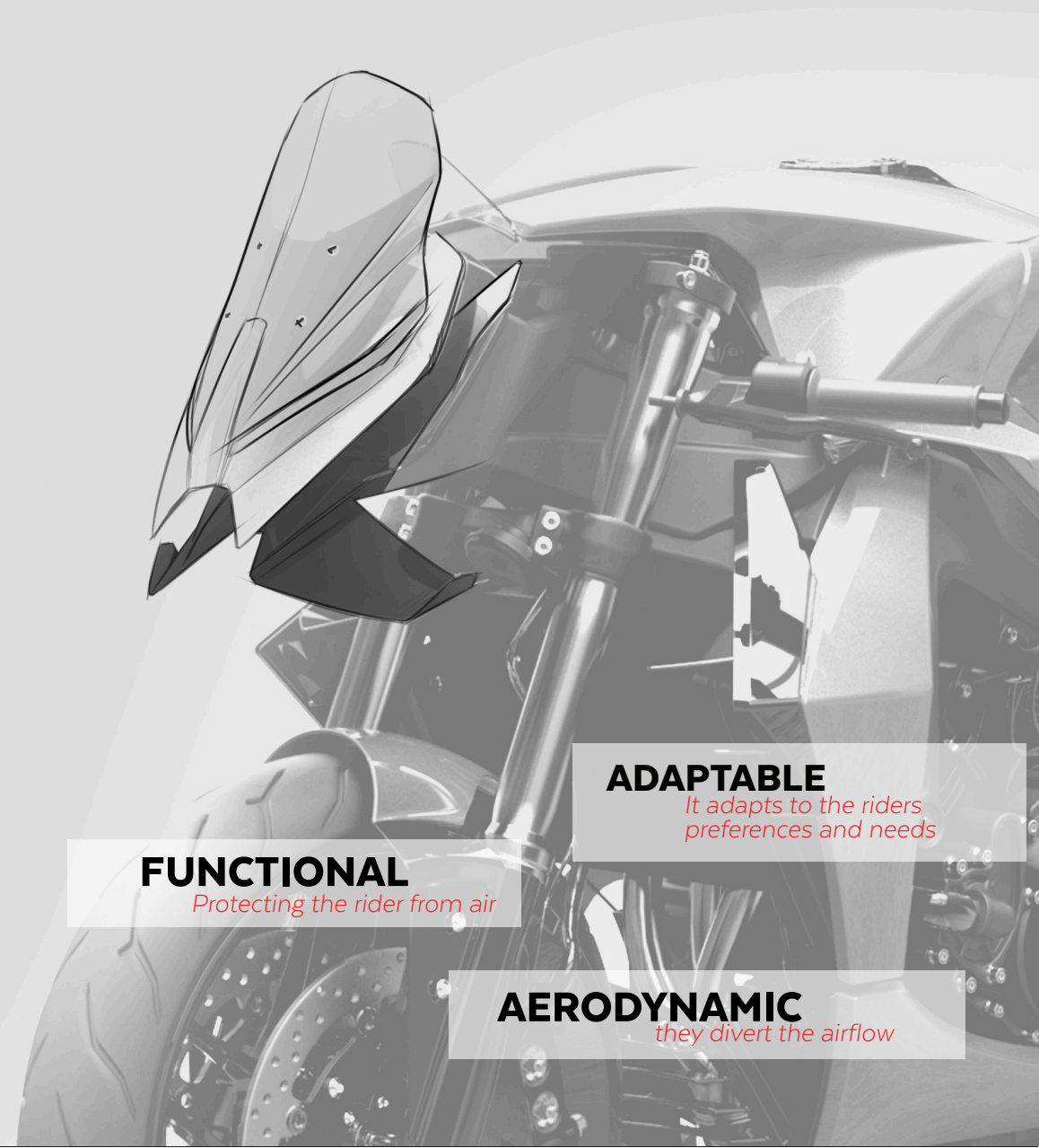
Protecting the rider from air

ADAPTABLE

It adapts to the riders preferences and needs

AERODYNAMIC

they divert the airflow



THE PROJECT

FRONTAL NAKED WINGLETS

Placed on the frontal inferior part of the fairing, their function is to increase the downforce of the front axle of the motorbike and the coefficient of aerodynamic penetration, being the first part of the motorcycle to impact with the air.

This downforce will provide the following effects: anti-wheelie, more stability when braking, anti-shimmie, more stability at high speeds...

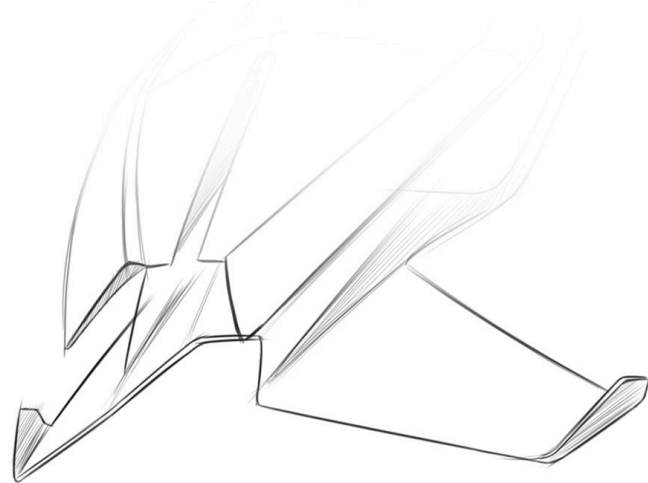
Its simple and light shape, completes without overdoing the front part of the bike, giving it personality, style and optimizing it aerodynamically.

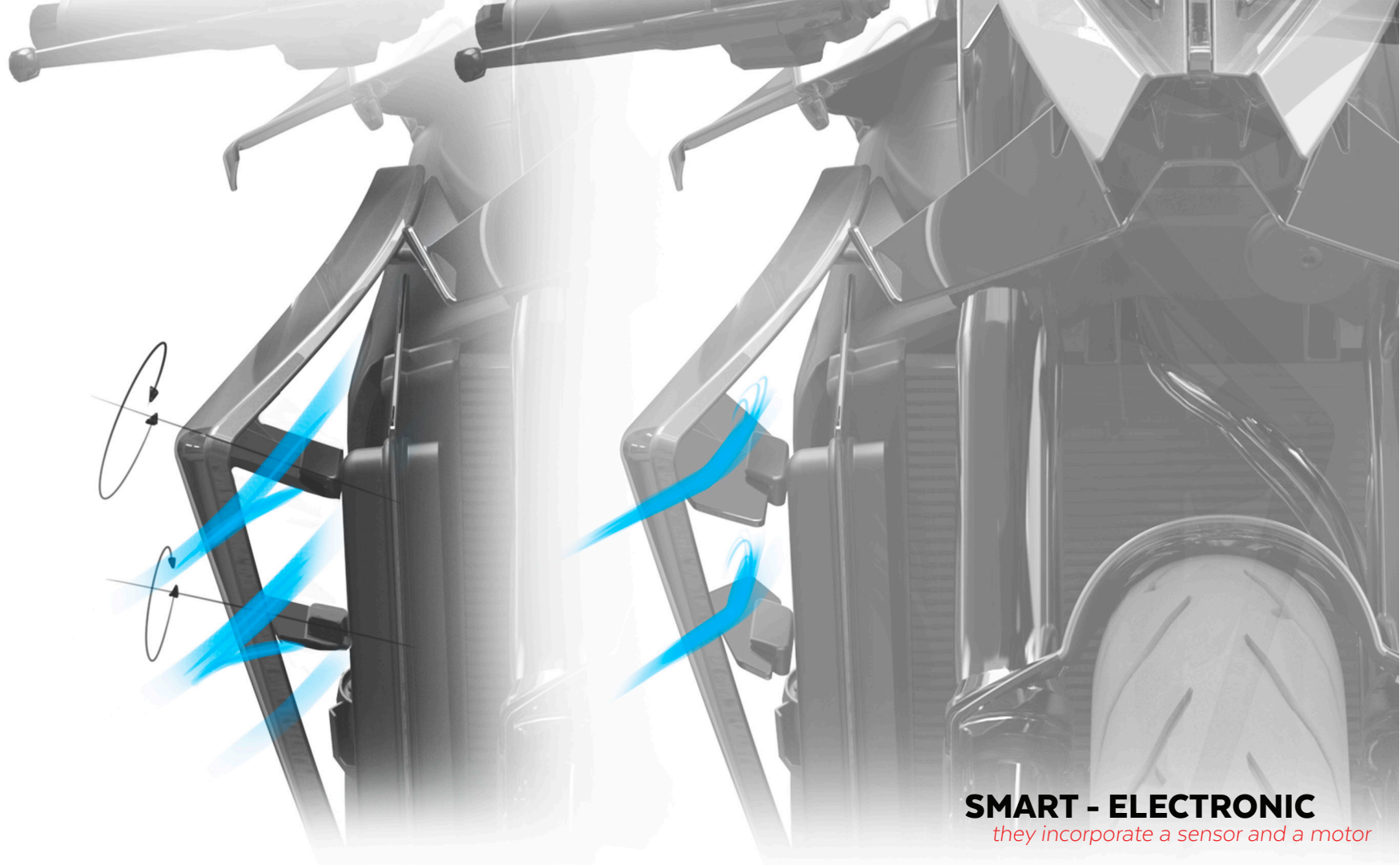
AERODYNAMIC

They generate downforce

FUNCTIONAL

They improve CX





SMART - ELECTRONIC
they incorporate a sensor and a motor

FUNCTIONAL
aerodynamic benefits

AERODYNAMIC
They generate downforce

ADAPTABLE
to each riding situation

THE PROJECT

MOBILE ELECTRONIC WINGLETS

This spoiler **incorporate 4 servo motors and a sensor** that tilts the inner spoiler to the angle that is necessary when it detects strong accelerations or when the rider activates it, being able **to be placed in infinite positions to generate the necessary downforce and thus be able to take advantage of its aerodynamic benefits.**

(The more tilt, the more downforce, but also more drag)

These spoilers together with the cover that surrounds them form an air channel that accelerates and compacts the air in addition to protecting them from impacts, creating a closed volume.



THE PROJECT

ENGINE SPOILER

The Diablo deserved an engine spoiler that completed and gave **an optimal aerodynamic volume** to the motor area, while still allowing the air to flow and cool its components and giving it style and personality.

FUNCTIONAL
Aerodynamic benefits

AERODYNAMIC
reduce turbulences

THE PROJECT

BRAKE COOLER

With the objective of **cooling the brakes in case of overheating** because of hard and continued braking, we designed these pieces on each side of the front wheel with a cover shape that **minimize the turbulences that the rim may cause when spinning.**

The inside of the cover has **two air ducts that concentrate the air directly to the brake disks and pads.** This covers are supported by aluminum brackets to give the correct rigidity





THE PROJECT

REAR SEAT COWL

The rear seat cowl cover consists of two pieces: the base that holds the innovative and minimalist lighting group, and the top piece that creates two channels for air to pass through, eliminating turbulence generated upon impact of the air at high speeds with the rider.

It also provide a sensation of lightness to the rear part of the motorcycle and racing style with the mono-seat look.



RENDERING

EXPLODING ALL PARTS



Puig
Hi-Tech Parts



Diablo



PIG

KROFtools

GEFORCE RTX
NORITEC

500KG

Diablo

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Industrial Engineer

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Technical Manager

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Designer & Project Coordinator

PARTNERS:



UNIRACING



And thanks to:



Photography



Music



3D Printing



Paint

MARC PRAT

TALLERS VILLAGRASSA

BITRON AUTOMATICS

Paint

Electronics

