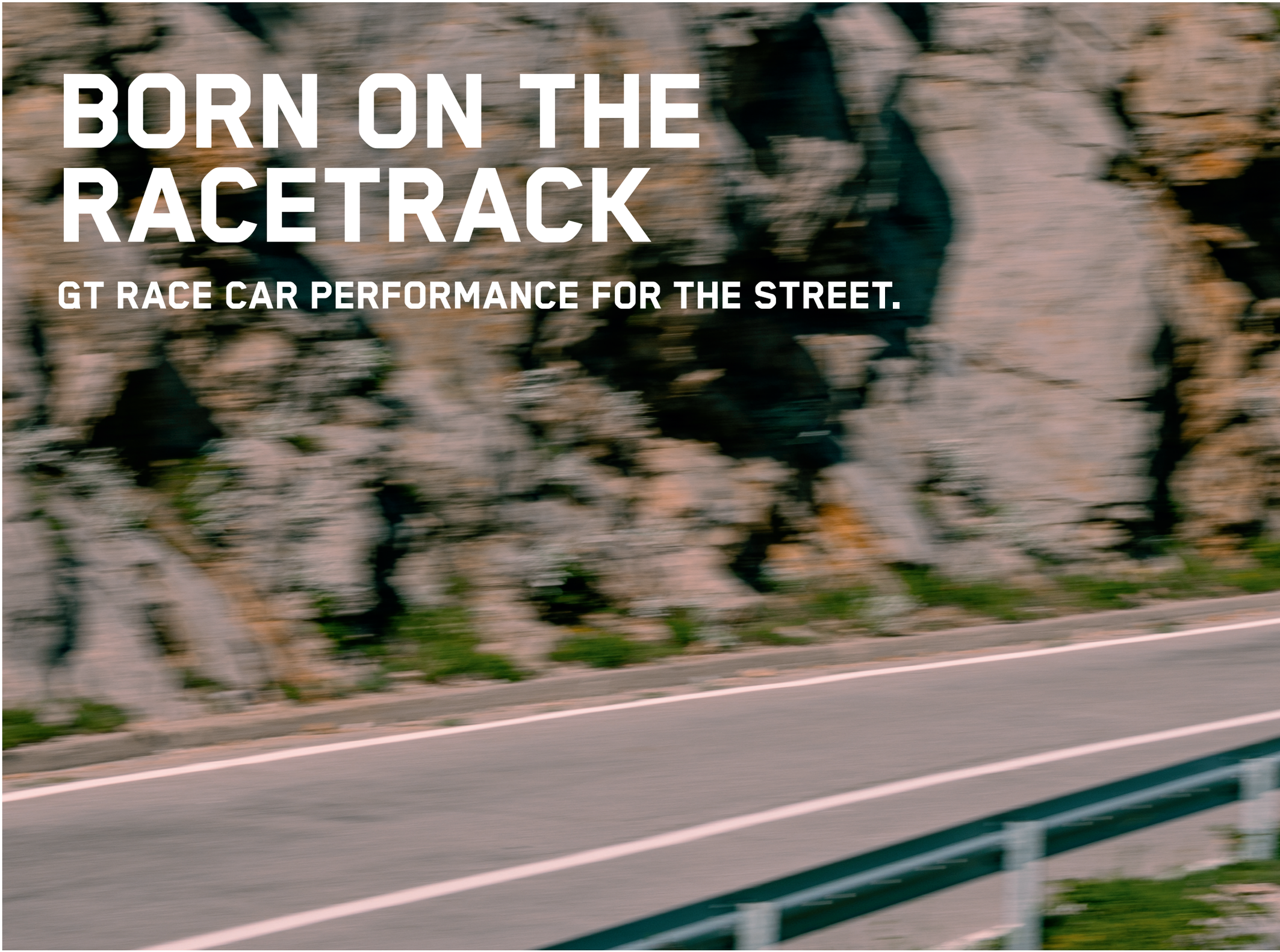
X-BOW GT XR

KTM

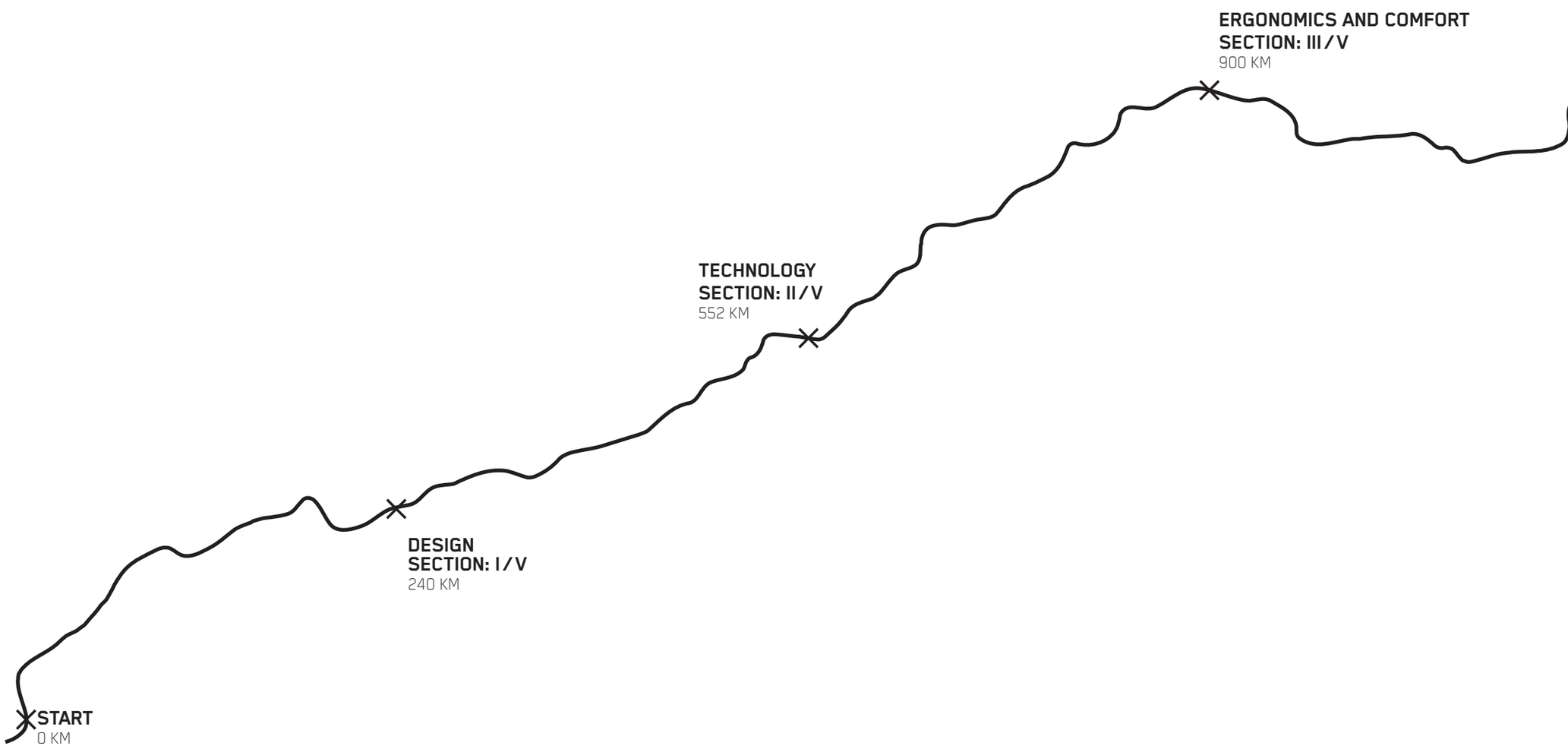


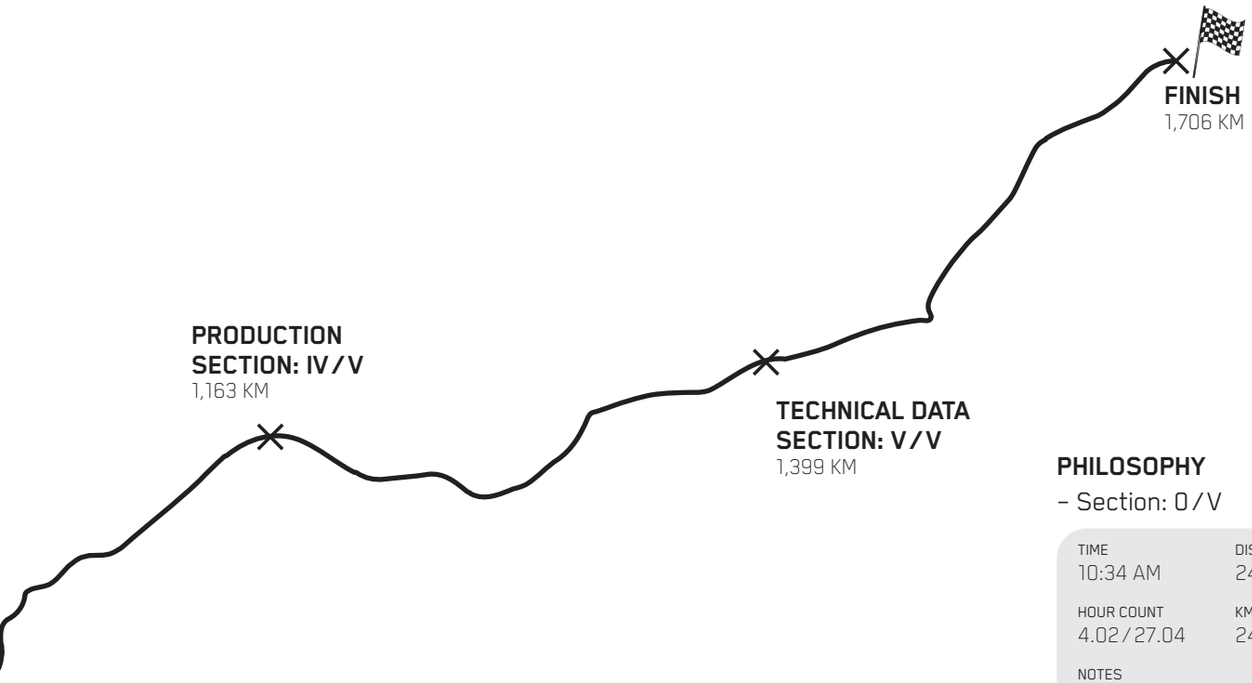
BORN ON THE RACETRACK

GT RACE CAR PERFORMANCE FOR THE STREET.

The KTM X-BOW GT-XR is the closest you can get to a purebred race car in a road-legal vehicle. The super sportscar is the ideal lightweight and high-performance car for true individualists who want to experience untamed dynamics, radical design and pure enthusiasm in everyday life as well. The basis for this is the KTM X-BOW GT2, which clearly demonstrates its strengths with victories and title wins on the racetracks of the world. In the development of the KTM X-BOW GT-XR, the focus was on the essentials – without sacrificing unique features, such as the electric jet fighter canopy. Here, outstanding performance is combined with engineering mastery so that every fibre, every component, every detail of this super sportscar is "READY TO RACE".

YOUR ULTIMATE RACE





PHILOSOPHY
– Section: 0 / V

TIME	DISTANCE
10:34 AM	240 KM
HOUR COUNT	KM COUNT
4.02 / 27.04	240 / 1,706

NOTES
Power: 368 kw (500 hp) @ 6,350 1/min

DESIGN
– Section: I / V

TIME	DISTANCE
04:26 PM	312 KM
HOUR COUNT	KM COUNT
8.40 / 27.04	552 / 1,706

NOTES
Outer skin weight: 92 KG

TECHNOLOGY
– Section: II / V

TIME	DISTANCE
08:56 AM	348 KM
HOUR COUNT	KM COUNT
13.52 / 27.04	900 / 1,706

NOTES
Torsional stiffness of 25,000 Nm / rad

ERGONOMICS AND COMFORT
– Section: III / V

TIME	DISTANCE
01:48 PM	263 KM
HOUR COUNT	KM COUNT
18.10 / 27.04	1,163 / 1,706

NOTES
Average consumption :
9.1 L / 100 KM (WLTP)

PRODUCTION
– Section: IV / V

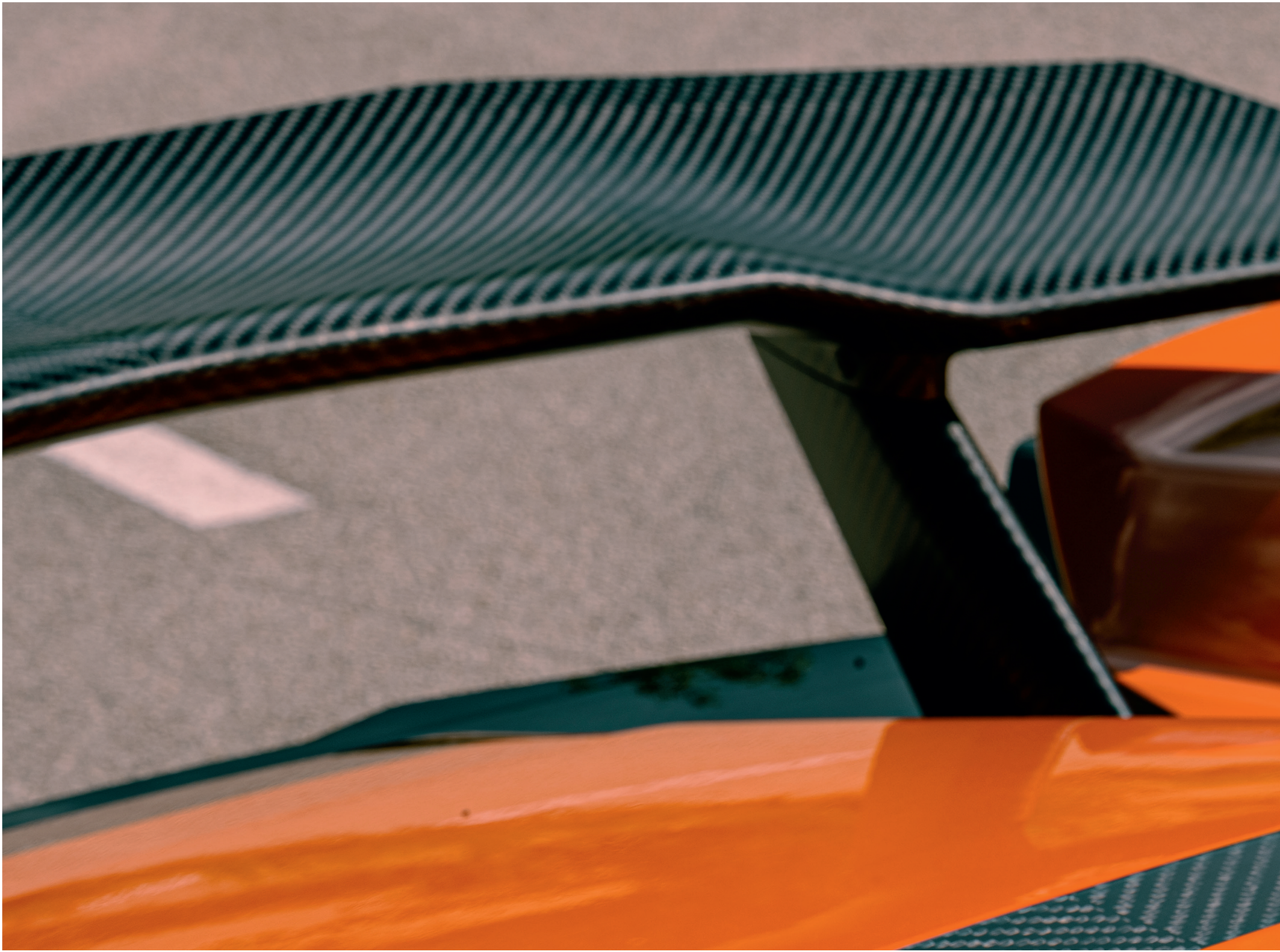
TIME	DISTANCE
03:12 PM	236 KM
HOUR COUNT	KM COUNT
21.52 / 27.04	1,399 / 1,706

NOTES
100 vehicles / year

TECHNICAL DATA
– Section: V / V

TIME	DISTANCE
09:14 AM	307 KM
HOUR COUNT	KM COUNT
27.04 / 27.04	1,706 / 1,706

NOTES
Max. torque: 581 NM @ 5,550 1/min

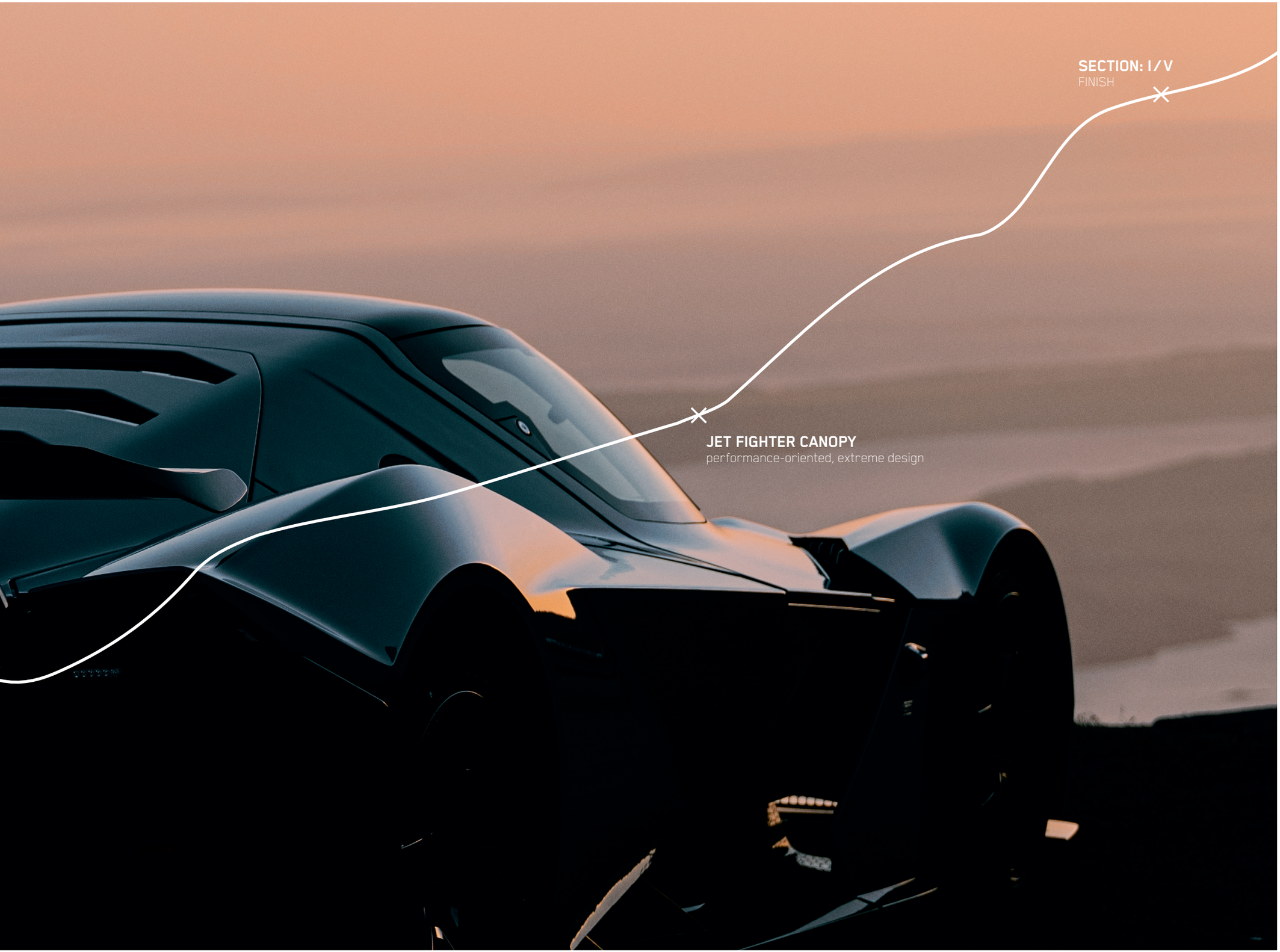


DESIGN

– Section: I / V

TIME	DISTANCE
04:26 PM	312 KM
HOUR COUNT	**KM COUNT**
8.40 / 27.04	552 / 1,706

NOTES
Outer skin weight: 92 KG


SECTION: I / V
FINISH
JET FIGHTER CANOPY
performance-oriented, extreme design

BR 902 JG

DESIGNED TO SURPASS YOUR EXPECTATIONS

STRIKINGLY UNIQUE RACING-DERIVED DESIGN, UNITING PERFORMANCE AND PURISM.

Even at first glance there is no doubt: the KTM X-BOW GT-XR is the most uncompromising super sportscar for the street. A declaration of war poured into form. Its exciting design from KISKA combines outstanding performance with provocative aesthetics. According to the motto "less is more", every unnecessary element has been avoided. Instead, the focus is on an unmistakable design language that relies on clear lines, sharp edges and smooth surfaces – wrapped in a silky-looking carbon outer skin. From the cutting vehicle front to the low-slung, wide chassis with its unique jet fighter canopy to the open rear, every component on the KTM X-BOW GT-XR radiates pure dynamism and follows only one purpose: "READY TO RACE".

TECHNOLOGY

– Section: II / V

TIME	DISTANCE
08:56 AM	348 KM
HOUR COUNT	**KM COUNT**
13.52 / 27.04	900 / 1,706

NOTES
Torsional stiffness of 25,000 Nm / rad

SECTION: II / V
FINISH
DIRECT SHIFT GEARBOX (DSG)
with mechanical limited slip differential
and rear wheel drive
BR 540 IV

ENGINEERED TO PUSH THE LIMITS

DEVELOPED ON THE TOUGHEST RACETRACKS IN THE WORLD.

Developing a super sportscar is like climbing a mountain of speed. You need to have a plan if you want to reach the summit, but you also need to train hard to push your own boundaries. All of the underlying ideas, concepts and innovations for the KTM X-BOW GT-XR must first be proven on the racetrack. Our journey began in 2008 with the first KTM X-BOW. Inspired by LMP and GT racing cars, every technical detail of the KTM X-BOW GT-XR has been developed to deliver absolute performance. What we have created is an uncompromising driving machine designed for lightweight and aerodynamic efficiency. Components tried and tested on the racetrack, such as the jet fighter canopy, the ultra-light carbon monocoque, the powerful five-cylinder engine and the removable steering wheel with integrated LED display are not available in this combination in any other road-legal super sportscar.

KTM
LIMITED EDITION
#38

BUILT TO DOMINATE THE STREETS

POWERFUL PERFORMANCE IN EVERY SITUATION.

AUDI 2.5 LITRE FIVE-CYLINDER TFSI

At the heart of the machine is the legendary 2.5 litre, five-cylinder engine manufactured by Audi AG. It is lighter, more compact, more powerful and more efficient than comparable engines. With enormous amounts of torque available at low revs and its characteristic tone, the engine is a perfect match with the KTM X-BOW GT-XR's radical philosophy. The engine, crowned "engine of the year" on nine separate occasions is not only the world's most powerful production five-cylinder, it is also the latest in a long line of successful Audi engines that have shone on racetracks.

DIRECT SHIFT GEARBOX (DSG) WITH MECHANICAL LIMITED SLIP DIFFERENTIAL AND REAR WHEEL DRIVE

The electronically controlled seven-speed direct-shift gearbox (DSG) guarantees ultra-rapid shifting without dropping torque. The transmission makes sure that the engine is always deploying its maximum power to the rear axle. A mechanical motorsport differential is responsible for transferring this limitless performance to the rear wheels equally.

96 LITRE TANK FOR LONG DISTANCES

Tank full and ready to go. The 96-litre tank combined with a highly efficient TFSI engine means a total mileage of up to 1,000 kilometres on one tank of fuel. The fuel cell is optimally positioned in the car – low down between the carbon monocoque and the engine – to ensure that the car's centre of gravity remains as low as possible and weight distribution is absolutely perfect.

FLAP EXHAUST SYSTEM WITH A THROATY SOUND

Who doesn't love the sound of a proper engine? Thanks to the flap exhaust system without a particle filter (OPF), the KTM X-BOW GT-XR produces a unique, throaty roar that will give you goosebumps! The laser-cut stainless steel system leads into a trapezoidal exhaust at the rear and visually and sonically leaves a lasting impression.

CARBON MONOCOQUE

The fully carbon fibre monocoque was already at the cutting edge of technology when it was first released in 2008. It has been continuously perfected ever since. It is one of the lightest and safest chassis, with the highest level of torsional stiffness, ever used in a road car. The safety cell, which weighs just 89 kilograms, has been tested on the racetrack countless times and is a guarantee excellent safety standards. Paired with the powerful drive train, the precision suspension and the carbon fibre monocoque is what gives the KTM X-BOW GT-XR its extreme agility and outstanding performance.

HIGH-STRENGTH TUBULAR STEEL REAR FRAME

The carbon monocoque is connected to a rigid steel frame, onto which the engine unit, direct-shift gearbox and rear suspension are mounted. The steel frame also houses all of the car's crash structures, which aim to provide passengers with the best possible protection against injury in the event of a rear impact.

OPTIONAL LIFTAXLE

Ultimate performance is only possible if the centre of gravity in a super sportscar is as low as possible. That's why, with just nine centimetres of ground clearance, the KTM X-BOW GT-XR is one of the lowest road cars in the world. However, something that gives you the edge on the racetrack may become a bit of a a challenge for the daily drive. Thanks to the zero-maintenance hydraulic lifting system, which can be fitted to the front axle of the KTM X-BOW GT-XR as an optional extra, the front of the vehicle can be raised, making speed bumps, ramps and potholes simple to negotiate.

AERO PROFILE SUSPENSIONS

Creating a super sportscar that breaks the mould is all about the finer details. For example, the highly robust, aerodynamically optimised steel wheel suspension has been developed with a low profile so as to optimise air flow to the engine cooling system. They have been combined with aluminium carriers cast from a single block of material and can also be changed with ease thanks to the smart quick-adjust system – without requiring any time-consuming set-up work to reset the camber.

SACHS SPORT DAMPERS

The high-performance Sachs suspension has been fine-tuned especially to the KTM X-BOW GT-XR in order to provide the best possible traction. Ride height can be adjusted at both the front and rear axles.

CENTRE LOCK RIMS WITH OPTIONAL CHANGE KIT

If you are looking to regularly test out and develop your driving skills on racetracks, you will know the value of quick tyre changes. With high-end, centrelocking motorsport rims and the appropriate upgrade kit, not a second will be lost on those pit stops. The racing genes of this set of wheels with their X-BOW GT2 design are also apparent immediately. Thanks to the impressive dimensions of 20" on the front axle and 21" on the rear axle, the X-BOW GT-XR appears even more savage.

HIGH PERFORMANCE FORGED WHEELS BY OZ RACING

The forged aluminium wheels specially designed for the KTM X-BOW GT-XR by Italian manufacturer OZ Racing combine top-of-the-line performance with eye-catching design. The Y-5-spoke rim meets the highest standards of lightweight design while offering maximum mechanical resistance and strength. The 19" rims for the front axle and 20" rims for the rear axle are available in Black Gloss, Star Graphite, Bronze Matt, Grigio, Corsa Bright and Gold Gloss.

BLACK GLOSS

GRIGIO CORSA

GOLD GLOSS

BRONZE MATT

STAR GRAPHITE

BR 902 JG

SHAPED TO CUT THROUGH THE AIR

AERODYNAMIC EFFICIENCY DOWN TO THE SMALLEST DETAIL.

The aerodynamics of the KTM X-BOW GT-XR are clearly derived from the highly successful KTM X-BOW GT2, with the designers paying close attention to optimal aerodynamic efficiency. From the wedge-like body shape and the sleek and streamlined front surface of the car to the aerodynamically optimised wheel suspension, a floor section designed to maximise ground effect and the rear diffusor and large rear wing, every effort has gone into achieving the maximum amount of downforce at the lowest possible air resistance. The unique "AirCurtain" system in a road-legal car has been developed to create an aerodynamic ground effect that helps the car stick to the road. Vortices generated by the front spoiler and routed around the floor create a seal of air underneath the car and enhance the aerodynamic effect even further. The car's low centre of gravity, coupled with the kind of aerodynamics and agile handling usually only seen on the racetrack, make the KTM X-BOW GT-XR a super sportscar that genuinely is "READY TO RACE".

A BR 902 JG
www.ktm-x-bow.com

ELECTRIC CANOPY WITH SOFT-CLOSE FUNCTION

Given the level of performance delivered by the KTM X-BOW GT-XR, it feels like you are flying a jet fighter when you're behind the wheel, and the unique electric canopy only adds to the sensation. The lightweight and extremely robust canopy can be opened and closed electronically and consists of a carbon frame with a windscreen that can also be opened to the left- and right-hand side using separate glass doors. The canopy helps protect the driver and passengers while offering the best possible view of the road ahead. It can withstand roughly six times the weight of the vehicle. The canopy can be opened and closed with ease using the remote control on the car key.

CARBON REAR WING

The oversized carbon rear wing helps maximise rear downforce. The newly developed part delivers maximum grip and stability even at high speed, ensuring that you can utilise every last drop of power from the engine and hit the apex of every corner.

X-BOW GT-XR
MICHELIN
PILOT SPORT 4
KTM

ANY COLOR

HAND-PAINTED FULL CARBON BODYWORK

Aside from the carbon monocoque, another area in which KTM's lightweight engineering expertise is on full display is the carbon bodywork. The high-density carbon fibre elements are half the weight of standard chassis parts, and offer significantly more torsional stiffness and robustness to boot. The result is impressive to say the least: The radical carbon fibre design already provides a major hint at the motorsport DNA underpinning the KTM X-BOW GT-XR. Customers looking to add a splash of colour can still do so by ordering in Electronic Orange (EB), Smoke Grey (BS) or Pearl White Gloss (AC2). Optional carbon finishes are also available in Carbon Clear Matt (NA) and Carbon Clear Glossy (NB). Still not enough of a personal touch? We also offer custom paint jobs with a practically unlimited selection of tones and finishes.

NO COMPROMISES
HIGHEST SAFETY STANDARDS
FROM MOTORSPORT.

A BR 902 JG
www.ktm-x-bow.com

BRAKING SYSTEM

With power comes great responsibility – or a quality set of brakes, at least. That's no problem for the KTM KTM X-BOW GT-XR, with its lightweight, monoblock fixed calliper brake system made from aluminium with eight callipers per piston on the rear axle. Cool air is fed through to the brake discs to ensure that the brakes can function within an optimal temperature window. The brakes also feature interior ventilation, perforations and floating suspension. The system has been developed to deliver pure and unbridled braking power at a low weight, but also for a long life-span and service life. A ceramic brake system is also available as an option, which impresses with its even lower weight and maximum braking performance.

ABS & ESP

The KTM X-BOW GT-XR is equipped with an antilock braking system (ABS) and an electronic stability programme (ESP), which are perfectly in tune with the uncompromising character of the car. If you do push that little bit too far, the safety systems will intervene gently – leaving you to stay safe and enjoy the drive.

FULL CARBON BUCKET SEAT

The seat is the most important connection between driver and car and is an area where every detail counts. The KTM X-BOW GT-XR bucket seat is made entirely of carbon fibre composite material, and is therefore extremely lightweight, offers strong support and provides reliable feedback to the driver in any situation. Thanks to the highly resilient four-point safety harness driver and passenger remain rooted to their seats even in extreme situations. The bucket seats can be fully customised using easily interchangeable seat pads.

LED RACING LIGHT

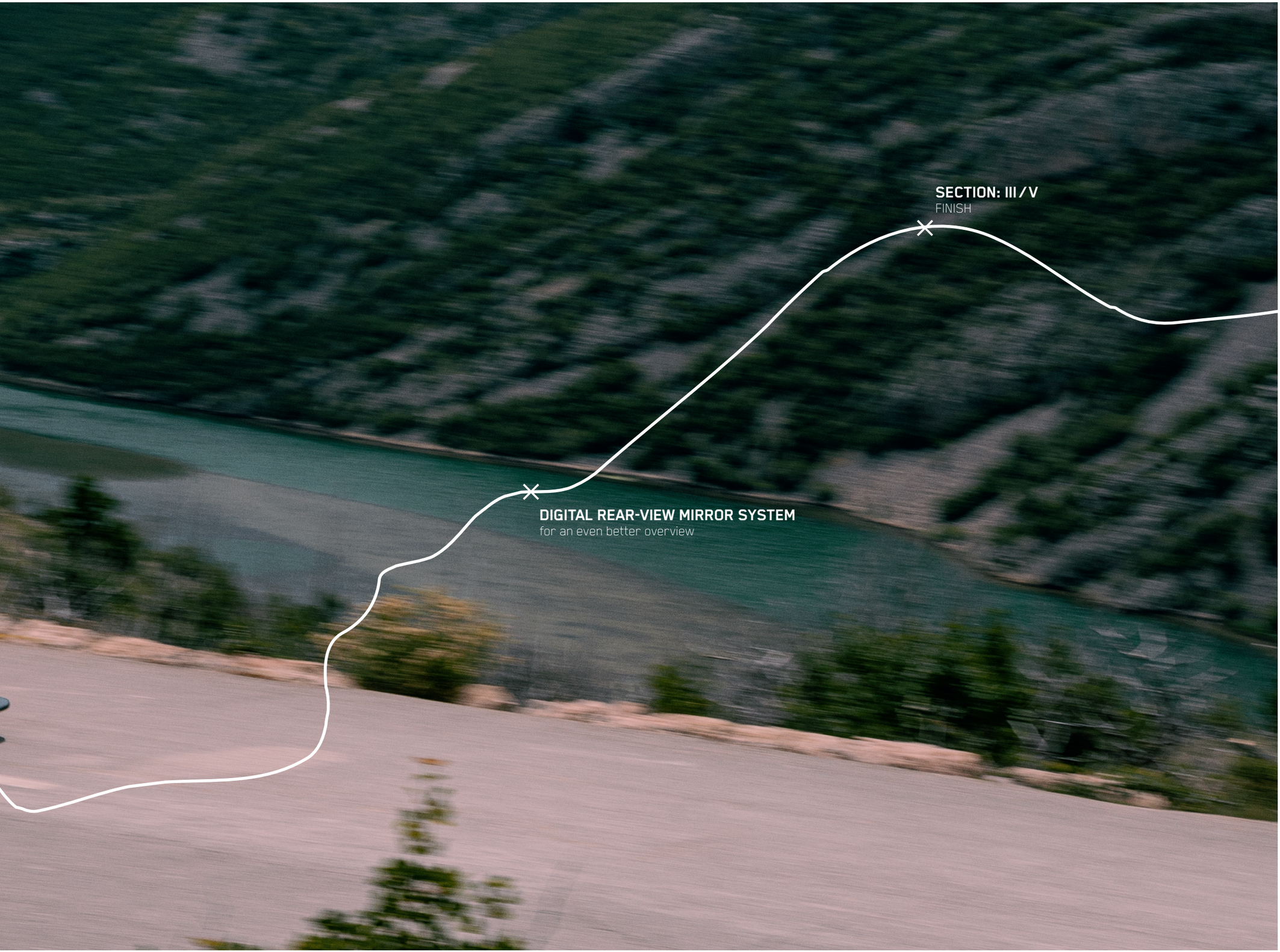
The aggressively designed LED headlights were exclusively designed for the KTM X-BOW GT-XR. They illuminate the road ahead as if it were daylight. Not only that, the headlights are also extremely long-lasting, use only a small amount of energy and weigh barely anything at all. The striking rear LED lights are another safety-enhancing feature, providing bright illumination. The LED Racing Light is an essential part of the unmistakeable, aggressive and futuristic design of the super sportscar and is a guaranteed eyecatcher.

ERGONOMICS AND COMFORT

– Section: III / V

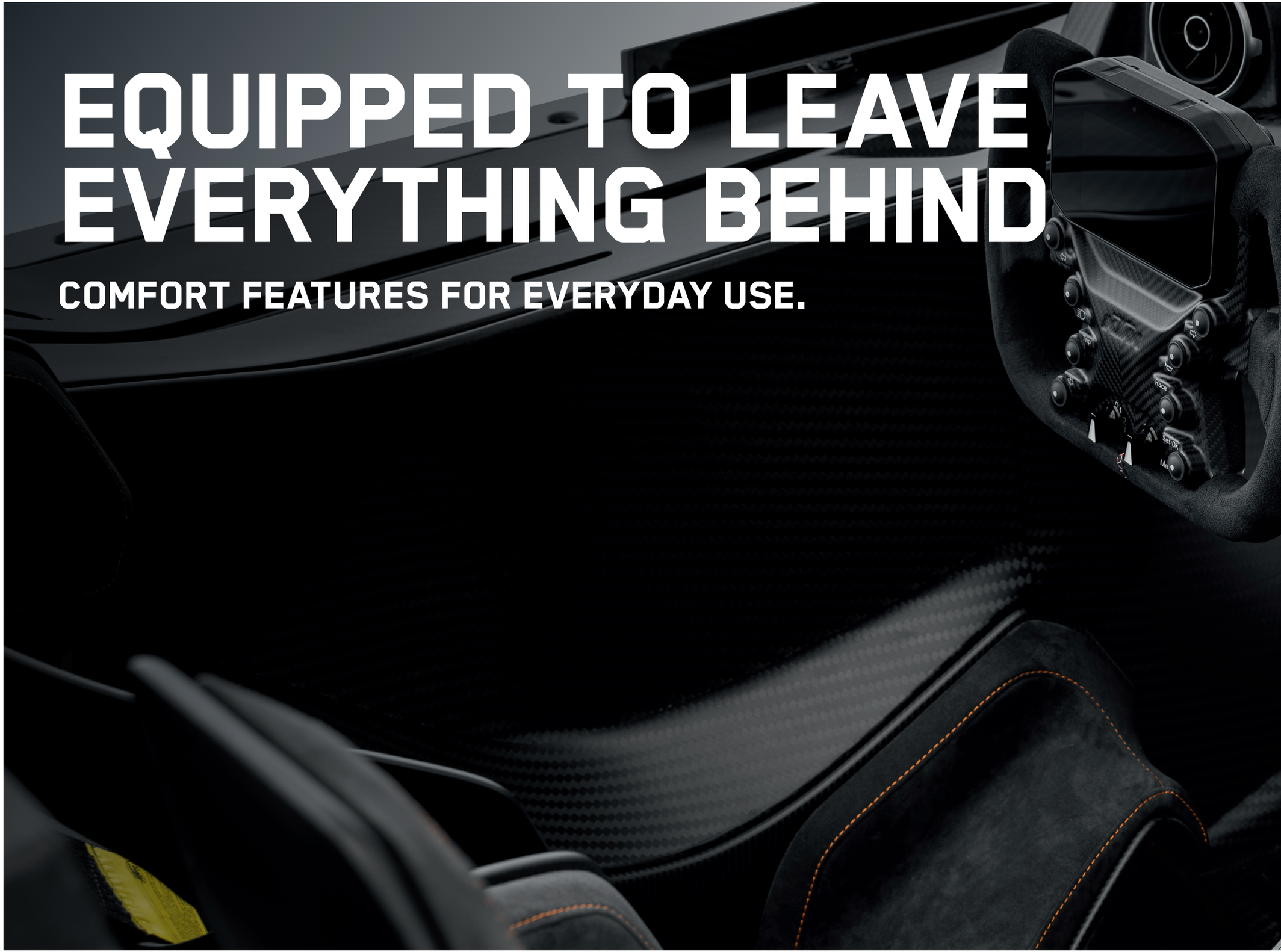
TIME	DISTANCE
01:48 PM	263 KM
HOUR COUNT	**KM COUNT**
18.10 / 27.04	1,163 / 1,706

NOTES
Average consumption :
9.1 L / 100 KM (WLTP)


SECTION: III / V
FINISH
DIGITAL REAR-VIEW MIRROR SYSTEM
for an even better overview

EQUIPPED TO LEAVE EVERYTHING BEHIND

COMFORT FEATURES FOR EVERYDAY USE.



ROTHMUND & KORNHAUSER KG

Sophisticated features to increase the car's comfort make the KTM X-BOW GT-XR perfect as a daily driver. Nothing stands in the way of long trips and journeys. Thanks to its low weight, economical engine and large fuel capacity, it is possible to for example cross the Alps and return without stopping to refuel. Meanwhile, the luggage is well protected in the 160-litre trunk. The electrically assisted progressive power steering allows the driver to effortlessly drive the GT-XR over winding mountain passes. At the same time, views can be enjoyed from the air-conditioned interior – even to the rear. The camera-rearview mirror system provides the perfect all-round view. Your own smartphone can show you the way, easily connected to the vehicle and the sound system via the Quadlock system and Bluetooth pairing. When parking at the destination, the optional rear-view mirror provides assistance.

REAR VIEW MIRROR CAMERA SYSTEM

A good view of the rear of the car is vital if you want to see who you have just passed on the racetrack. Not only that, it's also an important part of staying safe on the road. In the KTM X-BOW GT-XR, the driver can keep track of everything thanks to the intelligent rear view mirror camera system (CMS). The customary rear view mirrors have been replaced by high-resolution digital cameras. Instead of the rear view mirrors, it is the LED displays on the driver's and passenger's side of the canopy that provide a clear view of the rear of the car. The video signal is transmitted to the displays with practically zero latency and in real time. Besides the obvious benefits such a system offers, the lack of rear view mirrors also removes excess weight and negative aerodynamic effects. The digital rear view mirror offers an even better view of the car's surroundings, especially when parking.

REMOVABLE RACING STEERING WHEEL WITH INTEGRATED DISPLAY

It is the central control element and also the information centre for the driver in the KTM X-BOW GT-XR: the multi-functional steering wheel with integrated high-resolution display. Here the driver has everything under control and is able to keep track of all data such as temperatures, gear shifting and messages and alerts from the car. The multi-functional steering wheel also has an LED gear shift indicator so that every gear change takes place at optimum RPM.

ELECTRIC ASSISTED PROGRESSIVE POWER STEERING

The electric progressive steering provides active assistance in every steering manoeuvre, enhancing driving dynamics and comfort. Depending on the steering angle, the transmission ratio varies and allows, for example, parking without effort.

PEDAL BOX SYSTEM

KTM engineers have taken a solution from the world of motorsport and adapted it for the road, ensuring that drivers of all shapes and sizes feel comfortable in the carbon monocoque. In the KTM X-BOW GT-XR, the patented pedal box system can be moved forwards or backwards by 30 cm.

CAR TRUNK

There is one thing no super sportscar capable of going on longer tours can do without: a decent-sized trunk. The KTM X-BOW GT-XR has 160 l of luggage space, and is able to accommodate up to two normal hand luggage bags and a handbag. The individually designed, custom-fitted luggage items, developed in cooperation with the traditional brand Meindl, can be purchased as an option.

SOUND SYSTEM WITH BLUETOOTH INTERFACE

If the throaty roar of the engine isn't enough sound for you, then the fully integrated sound system is exactly what you need. The tweeters and the mid-ranger speakers integrated into the driver's and passenger's side of the carbon monocoque are ably assisted by a subwoofer. The sound system is controlled directly via the Bluetooth interface on your smartphone. When you receive a call or your navigation app provides instructions, the audio is routed directly through the sound system.

SMARTPHONEINTERFACE

Smartphones are the control centres of many parts of our lives, and the KTM X-BOW GT-XR is no different. The centre console features a Quadlock bracket that holds the device firmly in place, keeps it within reach and also provides inductive charging. Two USB-C connections are also available for charging purposes.

DIGITAL REAR-VIEW MIRROR, PARKING CAMERA AND LED INTERIOR LIGHT

The comfort package for the KTM X-BOW GT-XR makes day-to-day driving easier. It comprises a digital rear view mirror positioned in the top-centre of the canopy and an integrated LED interior light. The digital rear view mirror can display the video from the rear view mirror camera system as well as the feed from the parking camera, which is positioned lower down. This wide-angle camera provides parking assistance by offering an ever better view directly behind the car.

AIR CONDITIONING

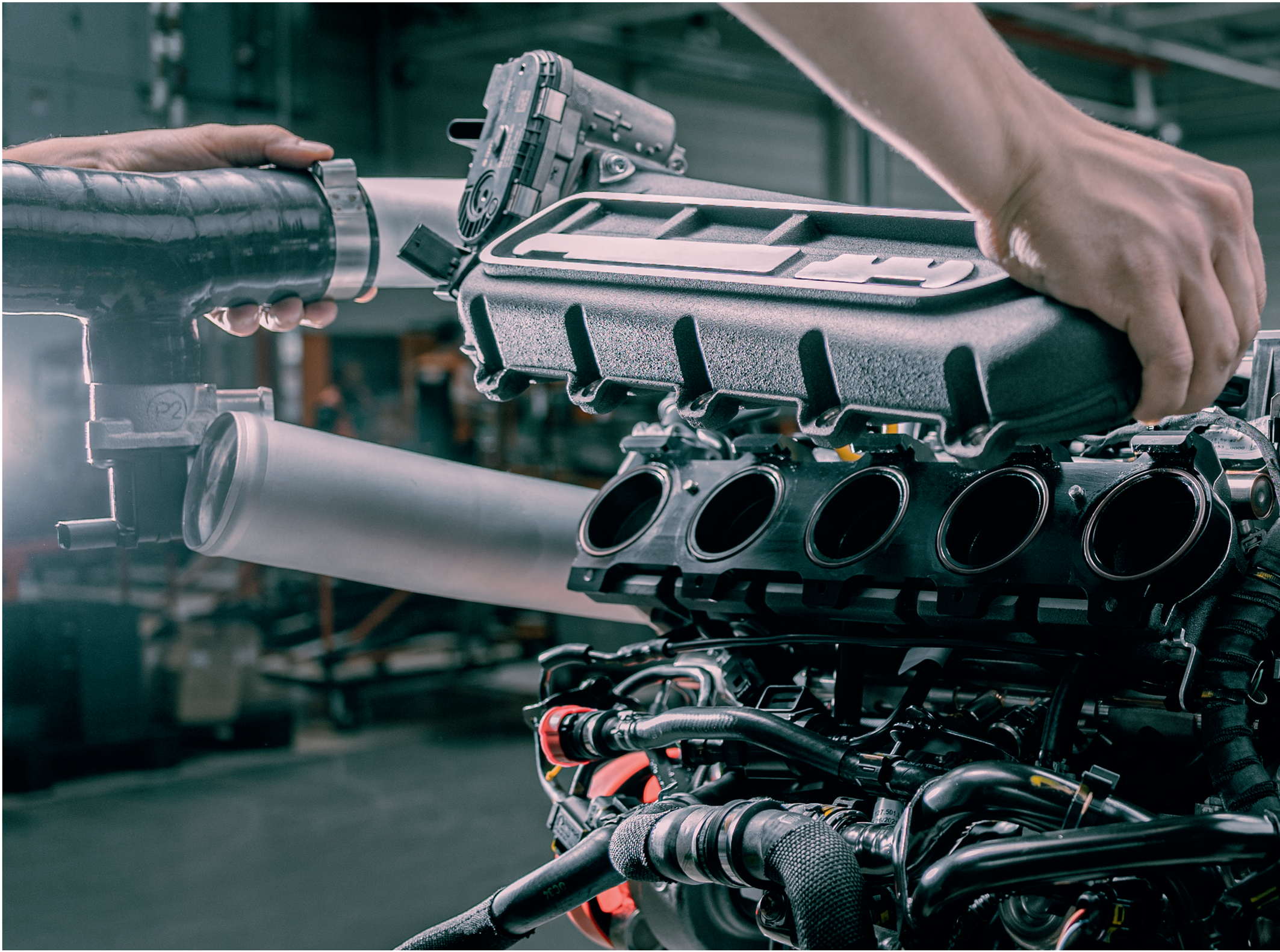
Things can get pretty hot behind the wheel of a KTM X-BOW GT-XR. The multi-stage air conditioning system helps you keep a cool head even in hot temperatures. To enjoy driving pleasure in all seasons, the cockpit can also be heated. The air outlets on the driver's and passenger's side are integrated in such a way that the view inside the canopy is not impaired.

GLOVEBOX

Whether it's your wallet, keys or ID documents, your personal effects are always best stored in the glove compartment.

PRODUCTION
- Section: IV / V
TIME
03:12 PM
DISTANCE
236 KM
HOUR COUNT
21.52 / 27.04
KM COUNT
1,399 / 1,706
NOTES
100 vehicles / year
SECTION: IV / V
START
MAXIMUN 100 VEHICLES
per year

SECTION: IV / V
FINISH
HIGH-TECH AUTOMOTIVE MANUFACTORY
outstanding precision and build quality



HANDCRAFTED TO ENSURE HIGHEST PRECISION

STRIKINGLY HIGH QUALITY STANDARDS TO REDEFINE DRIVING PLEASURE.

PAPIER / KARTON
LEICHTMAXTION

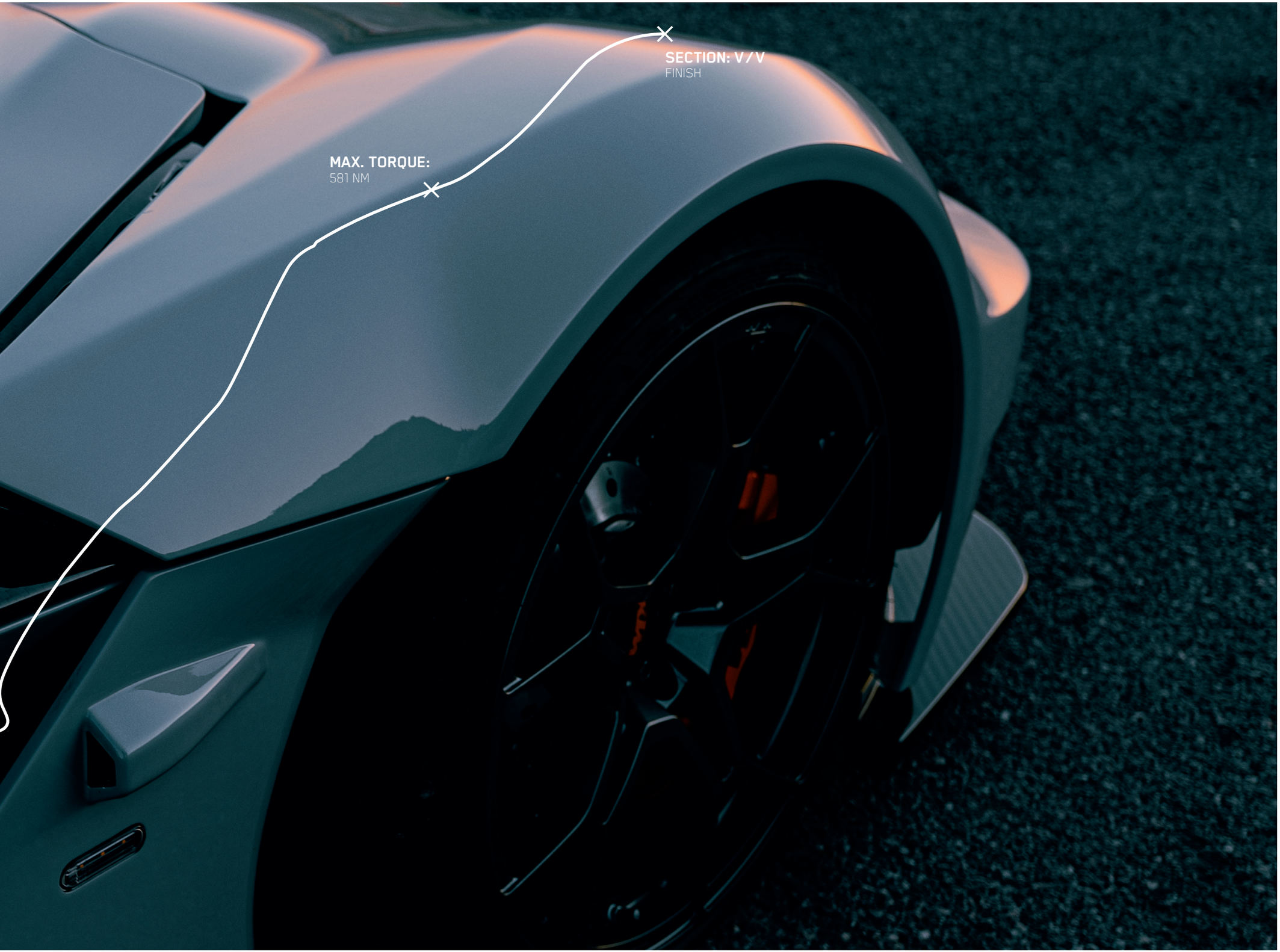
Outstanding precision and build quality are the product of perfectly designed and coordinated production systems and processes. That's why the KTM X-BOW GT-XR is manufactured at the KTM X-BOW Graz plant – one of the most high-tech small-series automotive factories in the world – with its sophisticated vehicle logistics. Around 100 KTM X-BOW units are produced in the variants "R", "RR", "GT4", "GT", "GTX" and "GT2" – and now also "GT-XR" – by a small team of specialists in accordance with outstanding standards of precision. The most spectacular super sportscar on the market may be at the cutting edge of development, but it continues to be assembled by hand. Each and every KTM X-BOW is made with the greatest of care and a wealth of expertise, in accordance with the strictest quality standards.

TECHNICAL DATA

- Section: V/V

TIME	DISTANCE
09:14 AM	307 KM
HOUR COUNT	**KM COUNT**
27.04/27.04	1,706/1,706

NOTES
Max. torque: 581 NM @ 5,550 1/min


SECTION: V/V
FINISH
MAX. TORQUE:
581 NM

TECHNICAL DATA

KTM X-BOW GT-XR

ENGINE

DESIGN	In-line five-cylinder gasoline engine with combined intake manifold/direct fuel injection; exhaust gas turbocharging with charge air cooling
DISPLACEMENT	2,480 cc
IGNITION SEQUENCE	1-2-4-5-3
POWER	368 kw (500 hp) @ 6,350 1/min
MAX. TORQUE	581 NM @ 5,550 1/min
MAX. RPM	7,000 rpm
MAX. TURBOCHARGE PRESSURE (RELATIVE)	1.55 bar
COMPRESSION RATIO	10.0:1
FUEL CONSUMPTION (WLTP)	9,1 l/100 km
CO_2 EMISSIONS	214 g/km
EMISSION CLASSIFICATION	EURO 6D

TRANSMISSION

TYPE	Seven-speed dual-clutch transmission (DQ500)
GEARBOX	Direct shift gearbox (DSG) with paddles on the steering wheel and two driving modes (Sport, Performance)
POWER TRANSMISSION	Rear wheel drive with mechanical limited slip differential

CHASSIS

WHEEL DIMENSION FRONT	Standard: 5-hole 9" × 19" ET35 with 235/35/R19; PowerPart: Centre lock 9" × 20" ET35 with 235/30/R20
WHEEL DIMENSION REAR	Standard: 5-hole 11" × 20" ET30 with 295/35/R20; PowerPart: Centre lock 11" × 21" ET30 with 295/30/R21
FRONT AXLE KINEMATICS	Independent suspension with double triangular wishbones, SACHS shock absorbers directly on the monocoque in pushrod arrangement, anti-roll bar 3-way adjustable
REAR AXLE KINEMATICS	Independent suspension with double triangular wishbones, SACHS shock absorbers
BRAKE SYSTEM	Hydraulic dual-circuit brake system with ABS Front axle (standard): Steel system Ø 365 × 34 mm; 8-piston fixed calliper Front axle (PowerPart): Ceramic system Ø 380 × 38 mm; 6-piston fixed calliper Rear axle (standard / PowerPart): Steel or ceramic system Ø 356 × 32 mm; 4-piston fixed calliper
STEERING SYSTEM	electric, progressive steering

DRIVING DYNAMICS

TOP SPEED	280 km/h (GPS)
ACCELERATION FROM 0-100 KM/H	3.4 s
ACCELERATION FROM 100-200 KM/H	6.9 s
WEIGHT DISTRIBUTION STATIC (FRONT/REAR)	44/56

DIMENSIONS

LENGTH	4,626 mm
WIDTH	2,041 mm
HEIGHT	1,164 mm
WHEELBASE	2,850 mm
TURNING CIRCLE	13 m
GROUND CLEARANCE	90 mm (front axle at bottom edge of splitter)
CURB WEIGHT	1,130 kg
TOTAL VEHICLE WEIGHT (IN DRIVING CONDITION)	1,250 kg
MAX. WEIGHT	1,600 kg
TRUNK (CARGO) CAPACITY	~ 160 l
GLOVE BOX VOLUME	~ 8 l

CAPACITY

FUEL TANK	96 l
FUEL TYPE	Super Plus (ROZ 98+)
ENGINE OIL	5.8 l
GEAR OIL	5.7 l
COOLANT	8.0 l
BRAKE FLUID	1.6 l

KTM.COM

KTM AUTHORIZED DEALER

KTM SPORTCAR GMBH
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Only the homologated versions of the motor vehicles promoted in this brochure are suitable for road use. The warnings and hazard notices in the owner's manual must be o bserved without fail when purchasing a motor vehicle and using it for the first time (especially the prescribed speed limits). The illustrated motor vehicles may vary in selected details from the production models and some illustrations feature optional equipment available at additional cost. All information concerning the scope of supply, appearance, services, dimensions and weights is non-binding and specified with the proviso that mistakes, printing, setting and typing errors may occur; such information is subject to cha nge without notice.
Model specifications may vary from country to country.

Version September 2022

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Photos: J. Kernasenko, MSKA