

READY TO RACE

# "THE DAILY ADVENTURER"

THE AGILE ENTRY INTO KTM'S ADVENTURE WORLD



MY 2021

# KTM 390 ADVENTURE

## THE KTM 390 ADVENTURE

With the proven credentials of the KTM ADVENTURE range, the KTM 390 ADVENTURE has long-distance comfort, versatile ergonomics, smooth power delivery and innovative technology. It is a lightweight, agile, travel-oriented motorcycle that was built to face the challenges of everyday adventure, with its sporty, capable and well-equipped daily Adventure package.



**KTM**

**TORQUEY, CLEAN POWER**

## **ENGINE**



A state-of-the-art, liquid cooled, single-cylinder, four-stroke 373 cc engine powers this agile machine perfectly into KTM's world of ADVENTURE. The engine is equipped with an electric starter and achieves a peak power of 32 kW (43 hp) with an incredibly punchy 37 Nm of torque. Twin overhead camshafts, four valves and electronic fuel injection are integral to the KTM 390 ADVENTURE's outstanding power and together with a balancer shaft, deliver the highest levels of smoothness. Its lightweight and compact construction facilitates straight air intake channels, allowing for a shortened distance for air to flow into the combustion chamber, and beyond for gas flow to the two catalytic converters. Besides the faster movement of air and gases, this also allows the engine to warm up faster. Additionally, the two catalytic converters and the fuel tank ventilation system (EVAP system) improve emission values and prevent fuel vapors from being released into the environment, making the KTM 390 ADVENTURE extremely eco-friendly and compliant with the strict EU5 exhaust emission standards.



## **EMS/RIDE-BY-WIRE**

The 390 ADVENTURE is fitted with a state-of-the-art engine management system featuring the most modern electronic fuel injection system with a 46 mm throttle body. Instead of the throttle valve in the electronic injection system being controlled by a conventional throttle cable, the KTM 390 ADVENTURE uses a ride-by-wire process. With the help of electronic sensors, twisting the throttle grip activates the throttle valve through the use of a servo motor. It electronically translates the throttle commands of the rider into the optimum throttle valve position for the current riding situation and for the most linear power delivery.



## **EXHAUST**

The KTM 390 ADVENTURE features a lightweight, precision-crafted exhaust system, comprising of a stainless steel header pipe and pre-muffler, which flow perfectly into a slim silencer. The silencer is shaped by a compact and light aluminum sleeve that has been positioned close to the bike's overall center of gravity to improve balance and handling. It aids in delivering instant, smooth power and is specifically designed to not affect the rider's movement on the bike. Two catalytic converters are integrated in the header pipe and pre-muffler, effectively bringing the exhaust emissions down to Euro 5 level.



#### LIGHTWEIGHT AND RUGGED

### FRAME

Similar to the race proven frame of the KTM 450 RALLY, the KTM 390 ADVENTURE features an ultra-lightweight, yet extremely stable trellis frame. It exceeds all requirements for stability and controllability and is the backbone of this nimble adventurer. The forgiving balance of flex and stiffness, combined with a wheelbase of 1430 (+/-15.5 mm) and a 63.5 degree steering head angle, clearly suggest an offroad oriented layout. It is also the basis of its outstanding straight-line stability and precise and agile steering behavior.



#### HIGH-LEVEL STOPPING POWER

### BRAKES

High-quality BYBRE brakes featuring a large 320 mm front brake disk and a 230 mm rear disk work perfectly with a 4-piston radially mounted front caliper and a 1-piston floating rear caliper, to provide the ideal mix of control and stopping power. In addition, a 2-channel ABS system made by BOSCH guarantees the highest safety standard when conditions get a bit trickier.



#### 14.5 LITERS OF ADVENTURE POTENTIAL

### FUEL TANK

The fuel tank is a central element of the design and engineering mastery of this daily adventurer. Its shape offers excellent ergonomics, with a narrow knee area that provides great control and even fits taller riders. It has an impressive **14.5** liter fuel capacity and together with its exceptional fuel economy, is set for more than 400 km of non-stop exploring on a full tank.



EXPLORE NEW BOUNDARIES

## RIDER AIDS

KTM develops electronic rider aids that provide more control and better performance for riders of all levels of ability, with the intention of enhancing the fun in all conditions.



## MTC (MOTORCYCLE TRACTION CONTROL)

The MTC (Motorcycle Traction Control) is a lean-angle sensitive traction control system that reacts immediately the instant rear wheel rotation speed becomes disproportionate to the riding situation. In mere milliseconds, MTC reduces engine output with an extremely smooth, barely perceptible intervention at the throttle valves until slippage is reduced to optimum proportions for the selected ride mode and current angle of lean.



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TRAVEL



# KTM 390 ADVENTURE

## TECHNICAL DATA

เครื่องยนต์ ( ENGINE TYPE )

1-cylinder, 4-stroke

ระยะใช้คหน้า / หลัง ( SUSPENSION TRAVEL / REAR )

170 / 177 mm

ความจุกระบอกสูบ ( DISPLACEMENT )

373 cc

ความสูงเบาะ ( SEAT HEIGHT )

855 mm

กำลังสูงสุด ( POWER )

32 kW (44hp) @ 9,000 rpm

ขนาดถังน้ำมัน ( TANK CAPACITY )

14.5 l

แรงบิดสูงสุด ( TORQUE )

37 Nm @ 7,000 rpm

น้ำหนักรถ ( DAY WEIGHT )

158 kg

ขนาดยาง หน้า / หลัง ( TIRES FRONT / REAR )

100 / 90 R 19 , 130 / 80 R 17

ความสูงจากพื้น ( GROUND CLEARANCE )

200 mm

### HIGHLIGHTS

// LEAN ANGLE SENSITIVE ELECTRONICS

// POWERFUL ENGINE

ราคา (Price)

**239,800.-**

AVAILABLE BIKE COLOR



KTM.COM



**KTM**