

READY TO RACE

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COM

TENACITY

KTM 350 EXC-F | KTM 500 EXC-F

KTM

KTM 350 EXC-F
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RACE-PROVEN PERFORMANCE

PERFECT BALANCE OF POWER AND HANDLING

The success of the KTM 350 EXC-F has certainly made waves in the industry. Gaining instant recognition on its arrival in 2012, it has become a class-leading dual-sport model due to its 250-like agility and 450-like power. Ever since then, the 350 EXC-F has gained significantly in performance and torque, as well as handling and agility. This model delivers power even closer to a 450, while getting ever closer to the agility of a 250 - so, the basic idea of this bike is easy to see, and has been a recipe for success right from the start.

REFINED

READY FOR MORE EXTREME ACTION

KTM engineers take weight loss seriously. As a result, they have crafted the KTM EXC-F models to be the slimmest, lightest and quickest-turning dual-sport bikes available. And with an E-starter as standard, getting the big single turned over is as simple as pressing a button.



EXHAUST

When it comes to power delivery and performance, the exhaust plays a key role and packs a punch that is hard to beat. All 4-stroke EXC models feature two-piece header pipes which can be disassembled easily and allow easy access to the shock. The aluminum muffler sleeve has a short and compact profile, bringing the weight closer to the center of gravity for better mass centralization.

FRAME

High-tech, lightweight chromoly steel frames include hydro-formed elements produced by state-of-the-art robot welding. With its race-proven geometries and optimal stiffness, the frame provides great feedback for the rider, playful handling and remarkable stability.



KTM 350 EXC-F

SUSPENSION SETTING

The latest 48 mm diameter WP XPLOR forks feature a split fork design to separate damping functions and a new external pre-load adjuster. Paired with the XPLOR shock with PDS technology, the EXC suspension is second to none in the dual-sport world.



KTM 500 EXC-F

BODYWORK

The KTM Factory Riders were involved in shaping the new bodywork and the goal of complete harmony between rider and bike was achieved. The plastics provide perfect contact points for the rider, maximum freedom of movement and improved overall handling.

GRAPHICS

New, high-quality inlay graphics add some fierce style to the sharp bodywork of the EXC range. Striking KTM orange flows into a powerful black logo and is complemented by the gray shrouds and black frame.



DYNAMIC DUAL-SPORT

THE UNQUESTIONED CLASS LEADER

Stand back or hold on tight, this is the most powerful dual-sport motorcycle on the market. The latest generation KTM 500 EXC-F packs a thrilling 4-stroke punch while still delivering outstanding rideability. Thanks to its lightweight chassis and compact high-tech engine, this large-displacement power machine is surprisingly light with excellent agility. As a result, this awesome 510 cc SOHC single cylinder bombshell has an incredible power-to-weight ratio and provides nothing less than the most dynamic riding experience available.



KTM 500 EXC-F
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OFFROAD POWERHOUSE

CUTTING-EDGE 4-STROKES

The race-winning performance of KTM's pros has filtered through to these powerful 4-stroke engines, proving they're capable of taking you to the front straight out of the crate. These are the most competitive, compact and light engines on the market, setting the benchmark in dual-sport specific performance, rideability and reliability.



KTM 350 EXC-F



KTM 500 EXC-F

ENGINE

Combining compact dimensions with class-leading power output, KTM's fuel-injected 4-stroke engines are the most refined and powerful on the market. They feature electronic fuel-injection, delivering efficient power throughout the rev range, and optimal mass centralization for unrivalled handling. Lightweight, pressure die-cast engine cases also contribute to an unmatched power-to-weight ratio.





TECHNICAL DATA



	KTM 350 EXC-F	KTM 500 EXC-F
ENGINE		
ENGINE TYPE	Single cylinder, 4-stroke	Single cylinder, 4-stroke
DISPLACEMENT	349.7 cc	510.9 cc
BORE / STROKE	88/57.5 mm	95/72 mm
COMPRESSION RATIO	13.5:1	12.75:1
STARTER / BATTERY	E-starter/Lithium Ion 12V 2 Ah	E-starter/Lithium Ion 12V 2 Ah
TRANSMISSION	6 gears	6 gears
FUEL SYSTEM	Keihin throttle body Ø 42 mm	Keihin throttle body Ø 42 mm
CONTROL	4 V/DOHC with finger followers	4 V/OHC with rocker arms
LUBRICATION	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps
GEAR RATIOS	14:32 16:26 20:25 22:23 25:22 26:20	14:36 17:32 19:28 22:26 23:24 26:21
PRIMARY RATIO	24:73	31:76
FINAL DRIVE	14:52	14:48
COOLING	Liquid cooling	Liquid cooling
CLUTCH	Wet multi-disc DDS clutch, Brembo hydraulics	Wet multi-disc DDS clutch, Brembo hydraulics
IGNITION	Keihin EMS	Keihin EMS
CHASSIS		
FRAME	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4
SUBFRAME	Aluminum	Aluminum
HANDLEBAR	NEKEN, Aluminum Ø 28/22 mm	NEKEN, Aluminum Ø 28/22 mm
FRONT SUSPENSION	WP XPLOR USD fork, Ø 48 mm	WP XPLOR USD fork, Ø 48 mm
REAR SUSPENSION	WP XPLOR shock absorber with PDS	WP XPLOR shock absorber with PDS
SUSPENSION TRAVEL FRONT / REAR	300/310 mm	300/310 mm
FRONT / REAR BRAKES	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm
FRONT / REAR RIMS	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant
FRONT / REAR TIRES	90/90-21" / 120/90-18" Continental TKC 80	90/90-21" / 120/90-18" Continental TKC 80
CHAIN	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"
MUFFLER	Aluminum	Aluminum
STEERING HEAD ANGLE	26.5°	26.5°
TRIPLE CLAMP OFFSET	22 mm	22 mm
WHEEL BASE	1,482 mm ± 10 mm / 58.3 ± 0.4 in	1,482 mm ± 10 mm / 58.3 ± 0.4 in
GROUND CLEARANCE	355 mm / 14 in	355 mm / 14 in
SEAT HEIGHT	960 mm / 37.8 in	960 mm / 37.8 in
TANK CAPACITY, APPROX.	8.5 L / 2.25 gal	8.5 L / 2.25 gal
WEIGHT, WITHOUT FUEL, APPROX.	107.8 kg / 237.6 lbs	109 kg / 240.3 lbs

LEGAL DISCLAIMER

DO NOT attempt to imitate the illustrated riding scenes. The riders illustrated are professional motorcycle riders. The photos were taken on closed racing circuits or closed roads. KTM warns all motorcyclists to wear protective safety gear and always ride in a responsible manner. Always obey relevant and applicable provisions of road traffic regulations.

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KTM ORIGINAL SPARE PARTS

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