KTM ENDURO RANGE 2022

PERSEVERANCE

**WHAT IS THE 2022 KTM EXC AND XC-W RANGE?**

Think Enduro, think KTM EXC.

The 2022 KTM EXC and XC-W range perfectly combines cutting-edge technology with peerless agility and unbeatable performance to set the global standards in offroad and dual-sport motorcycling. In the new 2022 range, there is an updated and purely READY TO RACE bike for every offroad and dual-sport fan—a bike to accommodate any riding demand or meet any racing aspiration.

Nurtured on trails, perfected against the clock and loved by enduro riders for their rich versatility, the KTM XC-W is the most advanced 2-Stroke hardware on the market while the perfect blend of power and handling comes from the XCF-W 4-Strokes. For those looking to start their ride from home or without trailering, the dual-sport EXC-F models offer the right mix of street capability and offroad performance. Your world is waiting for new limits.

**REFINED THROUGH COMPETITION**

The KTM XC-W models are designed by racers for racers. The challenging world of Enduro competition gives the KTM R&D engineers a deep palette of information and data to then produce their magic and craft a bike for any rider to win. In 2021 the efforts of Manuel Lettenbichler – the last WESS Champion – and Josep Garcia in tackling the FIM Hard Enduro World Championship will showcase the best of this 2022 KTM XC-W hardware.

From Austria to the rest of the world and through several racing events, Red Bull KTM Factory Racing will be steering KTM XC-W 2-Stroke machinery against the most skillful offroad athletes from across the continents. ‘READY TO RACE’ is more than an ethos and a mantra. It can be taken as a literal interpretation. True to this philosophy, the 2022 KTM XC-W models are created to compete, to win, to perform.

**DEVELOPMENT OBJECTIVES**

KTM strove to keep the ultimate blend of balance, power, handling and competitiveness for 2022 and that meant an approach of refinement across the new range. After progressive steps with chassis and engine development as well as upgrades from WP suspension hardware in the last three years, the KTM XC-W and EXC selection maintains the same high lofty technical specifications for their fuel-injected 2-Stroke motorcycles and their 4-Stroke bikes.

In the search for even more connectivity with any terrain or obstacle, KTM have worked with WP suspension to alter the production settings of the WP XPLOR forks and shock for a firmer and sportier feel. The 2022 suspension package also includes new hardware for improved damping and a heightened sensation of grip and better all-round performance. The ‘look good, feel good’ factor means that the clear, racier livery with added blue accents for 2022 was essential for these vibrant competition-based machines.

2022 KTM EXC - KEY RANGE UPGRADES

// Revised WP suspension settings for a firmer & more responsive feel

// Improved oil circulation in the suspension for more consistent feedback

// New 13:52 gearing giving the KTM 250 XC-W TPI added bottom end punch

// Factory inspired graphics with blue accents & blue seat

**2-STROKE INNOVATION**

KTM’s ground-breaking TPI fuel-injection system breathed new life into 2-Stroke technology and emboldened the ‘stroker’ family to surge even more in popularity. Unbeatable torque, simplistic and effective engine architecture, light weight and pulsing performance means the three models – led by the formidable blend of power and handling that is the KTM 300 XC-W TPI are perfectly meeting the high demands of the modern offroad rider.

**4-STROKE FORMIDABILITY**

Talk the torque: KTM’s arsenal of 4-Stroke KTM XCF-W and EXC-F ‘weaponry’ guarantees enough output and grin-inducing fun to cope with any conditions or situation. From 350cc to 500cc 4-Valve, single-cylinder powerplants there is more than enough horsepower for even the grabbiest throttle hand. Occupying the spotlight is the ultra-popular KTM 500 EXC-F dual-sport with its class-leading big-bore power, while the KTM 350 EXC-F offers an enviable combination of motor and mobility. Shaving off the mirrors and license plate and adding knobbier tires, the KTM 350 XCF-W and KTM 500 XCF-W offroad models pack serious power and performance in lighter trim.

**TECH HIGHLIGHTS - ENGINE**

**2-STROKE**: For half a decade KTM’s TPI fuel-injection has not only reset the potential for the response and finesse of 2-Stroke KTM XC-W power but also met cleaner emission goals, assisted with basic engine maintenance and ensured more efficient operation. Each electric-starting, liquid-cooled XC-W TPI benefits from a 39 mm Dell’Orto throttle body and a wet multidisc hydraulic Brembo clutch. The exhaust system uses an aluminum silencer. For 2022, the KTM 250 XC-W TPI has been given even more boost at the bottom end of the power curve thanks to a new 13:52 gearing ratio.

**4-STROKE**: The benchmark in torque and useable delivery, KTM’s EXC-F/XCF-W 4-Strokes deliver ultra-potent, compact 4-Valve DOHC tech. The KTM 350 XCF-W and KTM 350 EXC-F count on finger followers while the OHC tech of the KTM 500 XCF-W and KTM 500 EXC-F utilize rocker arms. All four KTMs depend on 42 mm Keihin throttle bodies and dual pump pressure lubrication as well as a wet multidisc hydraulic Brembo clutch. The exhaust system uses an aluminum silencer.

**TECH HIGHLIGHTS - CHASSIS**

KTM’s CroMo steel fabricated double cradle frame has been forged after decades of experience with the material and the manufacturing process. KTM have been able to sculpt a chassis that allows the KTM offroad and dual-sport models to be masters of ‘extremes’: agile, light, reassuring and consistent but also tough and responsive when under heavy demand from either KTM 2-Stroke or 4-Stroke engine power. An aluminum subframe graces the entire range to shave even more kilograms while the 26.5 degree steering head angle and 22 mm of triple clamp offset fixes the geometry to ensure stability and boost confidence.

**TECH HIGHLIGHTS - SUSPENSION**

WP suspension XPLOR hardware and race-winning levels of quality remain as the sole choice for the 2022 KTM offroad and dual-sport bikes. Dependability and delivery under pressure and stress coupled with robust and lightweight materials comes through the Cone Valve technology for outstanding damping. The 48 mm upside down front forks are matched in excellence through the latest-specced PDS shock absorber with both supplying 300 mm / 310 mm of travel respectively.

For 2022, together with WP suspension, KTM have adjusted the stock settings - firmer and sportier – to achieve several notable improvements. The XPLOR forks come with reduced seal friction for the outer tube, a polished spring for less pollution of the oil and the upper cartridge screw connection has a 2 mm gap compared to the four 6 mm holes on the previous edition of the kit that enhances the rebound damping. The PDS shock now boasts better resistance to ‘bottoming-out’ whereas a new ‘O’ ring is less prone to deformative, wear and fading.

**TECH HIGHLIGHTS - DESIGN**

The KTM offroad and dual-sport models are representative of pure design-function thinking. The bikes are shaped for one thing: maximum implementation to the track, trail or competition. This means the ergonomics and the contact points are finely tuned for the most efficient movement, grip and harmony between rider and motorcycle. As with other facets of the KTM offroad and dual-sport models, the profile of the bodywork, saddle, tank and the general riding position comes directly from feedback at the highest level of racing where athletes such as Manuel Lettenbichler and Josep Garcia help give not only the elite rider’s viewpoint but also acute insight to what every level of Enduro fans requirements might be. The mix of blue and orange on the 2022 liveries draws a direct parallel to the Red Bull KTM Factory Racing team’s works machinery, in particular the ‘factory’ blue saddle.

**TECH HIGHLIGHTS - EQUIPMENT**

Count on large tank capacities to ensure decent mileage and running time through the undergrowth or out on the trail. The sustained horsepower can be controlled by 260 mm and 220 mm front and rear brake discs throughout the range. The sensitive and superlative braking systems furnish wheels that carry Continental TKC 80 tires on the dual-sport EXC-F machines and Dunlop Geomax AT81s on the XC-W and XCF-Ws.

**KTM POWERPARTS**

KTM is READY TO RACE. We live and thrive on the challenge of providing equipment that can go from the crate to great. We also know there are times when riders and racers will still demand that small slice of ‘extra’, or they want to personalize their KTM EXC or XC-W even more. This is where the copious array of products and options in the KTM PowerParts catalog becomes extremely tempting, and in some cases unmissable.

WP Pro Components bring upgrades to the XPLOR forks that permit extra adjustability and reinforced internal material to cope with even bigger or harsher conditions. The interior of the Cone Valve forks features less friction and smaller tolerances with higher resistance and lower weight. The same improvement come with the XPLOR Pro shock with options for more control, comfort and rebound damping.

FACTORY FRONT WHEEL 1,6 × 21"

Anodized D.I.D DirtStar rim, developed to produce the ideal compromise between rigidity and flexibility.

FACTORY TRIPLE CLAMP

Manufactured from the highest-grade aluminum and tuned to produce perfect steering stem stiffness and flexibility – adapted precisely to the WP fork.

FMF TITAN POWERCORE 2.1 SILENCER

Fully made of high-grade treated titanium which allows enriched sound and extremely low weight compared to stock silencer.

WAVE BRAKE DISC

Floating system enable flawless brake control and minimal wear on brake pads.

AKRAPOVIČ “SLIP-ON LINE”

Akrapovič slip-on silencer offers more power and torque, uncompromising factory racing looks, and substantial weight savings.

**KTM POWERWEAR**

As much as the Replica team wear will allow orange-bleeders to look exactly like the KTM Factory riders and staff in paddocks across the globe, the KTM PowerWear collection is not only about apparel. Fans can also align the look with their new KTM EXC when in the saddle with a host of practical and functional gear and protection. Far from being a licensing afterthought, the KTM PowerWear line-up is formed from a series of associations with renowned specialists in the motorcycle field.

BELL HELMET

Lightweight offroad helmet with elaborate ventilation system made exclusively for KTM.

FURY GOGGLES

Advanced Enduro goggles with dedicated moisture management thanks to the three layer and fleece foam lining.

RACETECH JERSEY

Robust quality and lightweight with breathable mesh panels for optimum ventilation, along with taped sleeve cuffs and elastic mesh collar.

RACETECH GLOVES

Lightweight offroad gloves with touchscreen functionality and silicone print for better grip.

RACETECH PANTS

Durable, lightweight offroad pants with heatproof and abrasion-resistant leather knee reinforcement and elasticized panels.

TECH 7 EXC BOOTS

Made exclusively for enduro riding, with a non-slip two-component sole and a stainless-steel heel and toe protection.