

450 | SX-F

2015 FACTORY EDITION



PREMIUM | POWER

FACTORY PERFORMANCE YOU CAN BUY

The KTM 450 SX-F Factory Edition offers pro-level performance and the highest quality features and components found in motocross. Ryan Dungey and KTM: Premium Power, **READY TO RACE**.

READY TO RACE

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ENGINE

- The new 450 SX-F engine design is more compact, lighter and provides higher performance throughout the entire range of power
- New engine cases redesigned to centralize the rotating mass of the crankshaft and clutch and reduce overall length by 23mm and width by 23mm
- Completely reworked Keihin Engine Management System with new 44mm throttle body featuring a lightweight direct-connect design
- New electronic Launch Control for efficient starts and multiple engine maps to control the overall power delivery
- New cylinder head combustion chamber geometry, optimized ports, shorter timing chain and friction reduced chain guides for improved power and reduced weight
- New 6mm shorter cylinder, lightweight piston connected to a shorter con-rod and a crankshaft with 10% more inertia contribute to the compact design, light engine feel and massive power
- New lighter 5-Speed transmission that is 8mm narrower and features a new surface treatment on 1st and 5th gears along with a special low-friction coating on the shift forks to provide precise and easy shifting
- DDS (Damped Diaphragm Steel) clutch has a new lighter basket along with a reworked inner hub and pressure plate providing better oil supply and improved cooling of the clutch
- New super compact and lightweight 1.1lb Lithium-Ion starter battery
- New WP flow optimized radiator design features a substantial improvement in engine cooling
- New Flow Design Header (FDH) with an integrated sound resonator that is also designed to increase power along with a new lightweight silencer that is 40mm shorter than the previous design for quick throttle response

CHASSIS

- New lighter Chromoly steel frame provides 20% higher torsional rigidity with 30% less longitudinal stiffness resulting in improved handling and energy absorption
- New smaller, lighter subframe design made with new aluminum profiles
- New lighter swingarm features a revised internal structure to match the new frame characteristics
- New lighter footpeg design that provides a larger surface area and features a "scraper" to reduce dirt build-up in the hinge
- New CNC machined upper triple clamp featuring a rubber damping system for the new Neken handlebar and ODI lock-on grips
- The advanced WP 4CS (Four Chamber System) Fork has been specifically designed for Motocross and features revised damping settings optimized for the new chassis
- New generation WP shock has been developed in conjunction with the new frame and swingarm architecture including a new linkage/pullrod system
- Factory Editions use super lightweight Galfer Wave rotors, CNC machined hubs, high-end Excel rims and are fitted with Dunlop GEOMAX MX32 tires as standard equipment
- New airbox and airfilter design offers maximum protection for the engine while ensuring maximum airflow and providing quick "no tools" airfilter changes
- New ergonomics and bodywork to centralize mass, improve handling and rider comfort
- The new 2015 450 SX-F Factory Edition weighs only 226.2lbs / 102.6kg

