

2018

YZ450FX



Team Yamaha Blue
\$8,999 MSRP

TOP FEATURES

1. Innovative Hare Scramble/GNCC® Engine Design

The YZ450FX™ shares the revolutionary rearward-slanted-cylinder design of the YZ450F™ that allows for a straight downdraft intake with a symmetrical port layout. In the YZ450FX, this engine delivers a controllable, torquey power character with strong top-end power tuned specifically for cross-country racing.

2. Bilateral Beam Aluminum Frame

A nearly identical bilateral beam frame that is found on the championship winning YZ450F is used on the YZ450FX. It places the engine, fuel tank and exhaust close to the center mass of the bike for extremely light and nimble handling character.

3. Advanced Fuel Injection

The YZ450F-based Keihin® 44mm throttle body fuel injection system is tuned for cross-country racing and ensures smooth throttle response and easy starting in nearly all conditions.

4. Cross Country-Specific Suspension

Industry-leading, YZ450F-derived KYB® spring-type forks with speed sensitive damping and a linkage-type, KYB® rear shock both feature fully adjustable settings designed specifically for cross country racing.

5. Cross Country Podium Ready

With a two gallon fuel tank, sealed O-ring chain, and an 18-inch rear wheel with XC racing tires, the YZ450FX is ready to win right out of the box.

6. Electric Starter System

The YZ450FX features an electric starter to help reduce rider fatigue along with a main switch-free electrical system for easier starting off.



Manufacturer's Suggested Retail Price (MSRP) shown. Does not include tax, title, prep or destination charges. Actual prices set by dealer.

FEATURES & BENEFITS

ENGINE

Cross Country-Tuned YZ450F Power

YZ450F-style 449cc liquid-cooled DOHC four-stroke, with forward-positioned straight intake, delivers massive power specifically tuned for cross country racing, to challenge for race victories in the very competitive GNCC® and Hare Scrambles race series.

Innovative Engine Design

The position of the engine moves the rotational mass of the cams towards the center of the bike which allows for a straight shot, down-draft intake and straight exhaust port for ultimate performance. This also keeps the airbox up high, out of dust and mud/water.

Wraparound Rear Positioned Exhaust Layout

Lightweight YZ450F-spec exhaust system maximizes engine power while centralizing mass, thanks to the innovative wrap-around header design.

Advanced Fuel Injection

The fuel injection system uses 3D mapped electronic control for the fuel and ignition timing that are optimized for cross-country racing, with a YZ450F-based 44mm throttle body.

Wide Ratio Gearing

A five-speed wide-ratio transmission is used to insure the right gear is selected for a wide variety of terrain found in cross country racing, from tight single tracks to wide-open desert blasts.

FX-Specific Clutch System

Based on the YZ450F, the clutch plate material, springs, push lever and oil valve are optimized for cross-country racing.

YZ-F-Derived Cooling System

Large-capacity YZ450F radiators provide maximum cooling efficiency with great strength, and can be fitted with an accessory cooling fan for additional airflow at slower speeds.

Electric Starter System

Push-button electric start makes starting the YZ450FX easy and convenient, complete with a simplified electrical system.

CHASSIS/SUSPENSION

Bilateral Beam Aluminum Frame

YZ450F-based frame offers a compact size while optimizing mass centralization. With its extensively tested assembly of aluminum forgings and extrusions complete with model-specific engine mounting, the FX frame retains legendary Yamaha handling and response.

Advanced YZ450F Front Fork

Fully adjustable YZ450F-based KYB® spring-type fork with speed sensitive damping delivers precise, fade-free handling.

Cross Country Shock

The rear linkage and KYB® shock provides 11.6 inches of travel with adjusters for high- and low-speed compression damping, rebound and spring preload—and features a large piggyback reservoir for excellent damping and fade resistance.

270mm Front Brake

270mm front brake system provides exceptional stopping power and braking control.

GNCC®-Specific Tires and Wheels

Lightweight 21-inch front and 18-inch rear rims provide exceptional durability with enduro-specific tires.

ADDITIONAL FEATURES

GYTR® Power Tuner Ready

Accessory GYTR Power Tuner lets owners adjust air/fuel mixture and ignition timing maps to match engine performance characteristics to the rider and race conditions in a matter of seconds with the push of a few buttons.

Real World Tough Features

Rugged plastic skid plate, quick-adjust clutch, aluminum handlebars and a side stand are standard for added rider convenience. Thanks to a WR-style fuel level sensor in the tank, the YZ450FX includes convenient fuel level and engine warning indicators on the handlebar.

Simplified Servicing

Redesigned air cleaner cover provides tool-less access to the air filter, positioned at the front of the bike to avoid roost from the rear wheel. A high-quality sealed O-ring chain is tough and durable.

Embedded Graphics

Yamaha's unique embedded graphics are built into the bodywork for extended durability, resisting both peeling and damage.

yamahamotorsports.com

For Accessories, visit shopyamaha.com

SPECIFICATIONS:

Engine Type	449cc liquid-cooled DOHC 4-stroke; 4 titanium valves
Bore x Stroke	97.0mm x 60.8mm
Compression Ratio	12.5:1
Fuel Delivery	Keihin® fuel injection, 44mm
Ignition	TCI: Transistor Controlled Ignition
Transmission	Wide-ratio constant-mesh 5-speed; multiplate wet clutch
Final Drive	O-ring chain
Suspension / Front	KYB® spring-type fork with speed sensitive damping; fully adjustable, 12.2-in wheel travel
Suspension / Rear	KYB® single shock; full adjustable; 12.5-in wheel travel
Brakes / Front	Hydraulic disc, 270mm
Brakes / Rear	Hydraulic disc, 245mm
Tires / Front	90/90-21 Dunlop® AT81F
Tires / Rear	120/90-18 Dunlop® AT81
L x W x H	85.2 in x 32.5 in x 50.4 in
Seat Height	38.0 in
Wheelbase	57.7 in
Rake (Caster Angle)	26.3°
Trail	4.5 in
Ground Clearance	12.8 in
Fuel Capacity	2.0 gal
Wet Weight	262 lb
Warranty	30 Day (Limited Factory Warranty)
Color	Team Yamaha Blue

*** Wet weight includes the vehicle with all standard equipment and all fluids, including oil, coolant (as applicable) and a full tank of fuel. It does not include the weight of options or accessories. Wet weight is useful in making real-world comparisons with other models.