

2023

YZ250FX



Team Yamaha Blue

\$8,899 MSRP* \$450 Destination Charge*

TOP FEATURES

1. Out-of-the-Box Hare Scramble/GNCC® Racer

Based on the championship-winning YZ250F that features Yamaha's revolutionary front-intake, rear-exhaust, liquid-cooled, DOHC 4-stroke power plant with an added sixth gear, wide ratio transmission and a range of cross country upgrades, the YZ250FX is an "out-of-the-box" Hare Scrambles and GNCC® competition machine.

2. High Performance Four-Stroke Engine

The compact, powerful YZ250FX engine includes all the same race-developed technologies of the championship-winning YZ250F, tuned for cross country performance. Revised intake duct, intake port, exhaust camshaft profile, muffler and balancer weight position combine to further improve power and usability across the entire rev range.

3. Precisely Tuned Chassis

The highly developed aluminum bilateral beam frame features precisely tuned flex characteristics for competition-ready performance. The forged section at the swingarm pivot, and improved engine mounting brackets provide a nimble lightweight feeling in tight, technical terrain while still providing control in fast sections. As always, Yamaha's class-leading KYB® suspension ensures maximum control and traction.

4. Innovative Yamaha Power Tuner App

Yamaha's free-of-charge Power Tuner App puts the flexibility and precision tunability of the GYTR® Power Tuner into your smartphone. Make fueling and ignition timing changes instantly and upload them to the bike for ultimate track-side tuning.

5. Selectable Fuel Maps

Increasing the YZ250FX's ability to tackle a wide range of riding environments, two optimized fuel injection maps—both of which can be loaded and tuned in the Yamaha Power Tuner App—are accessible through a handlebar-mounted map switch for on-the-fly adjustments to changing riding conditions. Pre-loaded maps include one for fast, aggressive high-traction conditions and one with a smoother engine character for extreme, low-traction conditions.



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

FEATURES & BENEFITS

TOP FEATURES - CONT.

6. High-Spec Braking Components

The high performance braking system provides exceptional stopping power and control through high-spec componentry, including a rigid front caliper with larger diameter pistons, aggressive brake pad compound and a 270mm front rotor. The rear brake gets a lightweight rear caliper and hanger with a 240mm rear rotor to reduce unsprung weight.

7. Sharp, Durable Graphics Scheme

Sharp competition-inspired graphics scheme highlights the YZ's unmatched racing pedigree. Premium Yamaha Blue and dark blue graphics are embedded to provide excellent durability and scratch resistance. Dark radiator louvers add to the aggressive look.

8. Cross Country Features

With the electric starting system, a 2.16-gallon fuel tank, rugged plastic skid plate, 18-inch rear wheel and high performance Dunlop® Geomax MX33 tires, the YZ250FX is ready to win right out of the box.

ENGINE

Competition-Ready Engine Performance

The revolutionary front-intake/rear-exhaust, liquid-cooled, fuel-injected, four-stroke engine has been developed for victories in the highly competitive GNCC® and Hare Scrambles race series. Intake and exhaust ports work with a higher compression piston for a wider spread of power without losing top-end performance.

Forward-Thinking Engine Design

Reversing the cylinder head while placing the intake forward and the exhaust to the rear allow for a straight shot, downdraft intake and straight exhaust port for maximized engine performance.

Innovative Yamaha Power Tuner App

The free-of-charge Yamaha Power Tuner App brings the power of the GYTR® Power Tuner to your iOS® or Android® device. Using wireless connectivity to talk to the bike's onboard CAN-bus network, the app allows owners to adjust air/fuel mixture and ignition timing maps to tune engine performance for track conditions, record race log information and monitor a range of data such as maintenance and system diagnosis, engine run time and more.

Adjustable Engine & Fuel Mapping

A handlebar-mounted map switch allows the rider to quickly select between two preloaded engine maps—loaded and tunable in the Power Tuner App—to account for changing riding conditions. The fuel injection system uses 3D-mapped electronic control for the fuel and ignition timing that are optimized for cross country racing. Pre-loaded maps include one for fast, aggressive high-traction conditions and one with a smoother engine character for extreme, low-traction conditions.

Six-Speed Gearbox

A six-speed transmission is used to ensure the right gear is available for the wide variety of terrain found in cross country racing. Updated gearing ratios and a heavy-duty, large-diameter clutch bring enhanced durability in the extreme conditions of a three-hour GNCC® race.

Mass-Centralized Electric Starter System

The YZ250FX features a compact, centrally-mounted electric starter system to minimize restart delays mid-race and add convenience everywhere else. Powered by a high-capacity lightweight four-cell lithium-ion battery, the system adds minimal weight.

CHASSIS/SUSPENSION

Advanced Bilateral Aluminum Frame

An all-aluminum bilateral beam frame taken from the class-leading YZ250F provides strength, lightness and durability for cross country racing conditions and comes standard with a rugged plastic skid plate.

Class-Leading Suspension

Industry favorite Speed Sensitive System KYB® fully adjustable spring-type forks and a KYB® rear shock have been thoroughly tested and tuned specifically for cross country racing.

High-Spec Braking Components

The high performance braking system provides exceptional stopping power and control through high-spec componentry, including a rigid front caliper with larger diameter pistons, aggressive brake pad compound and a 270mm front rotor. The rear brake gets a lightweight rear caliper and hanger with a 240mm rear rotor to reduce unsprung weight.

Slim Bodywork

The compact bodywork eases the rider's movement across the machine in tough terrain. The fuel tank provides 2.16 gallons of fuel with a larger fuel cap opening. Quality graphics are embedded in the body moldings for long-lasting good looks.

Purpose-Built Tires

Special cross country racing Dunlop® Geomax MX33 tires maximize traction while delivering excellent durability.

ADDITIONAL FEATURES

Practical Touches

Quick-adjust clutch, wide 55mm platform footpegs, four-position rubber-mounted handlebar clamps, aluminum handlebars and a side stand come standard for added rider convenience. The YZ250FX is also pre-wired for an optional radiator fan for the most grueling conditions.

Easy Servicing

The air cleaner cover features tool-free access to the air filter. Thanks to a WR-style fuel level sensor in the tank, the YZ250FX includes a convenient low fuel indicator along with an engine warning indicator on the handlebar.

Sealed O-Ring Chain

High-quality O-ring chain is tough, durable and light.

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For Accessories, visit shop.yamaha.com

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SPECIFICATIONS:

Engine Type	250cc liquid-cooled DOHC 4-stroke; 4 titanium valves
Bore x Stroke	77.0mm x 53.6mm
Compression Ratio	13.8:1
Fuel Delivery	Mikuni® fuel injection, 44mm
Transmission	6-speed; multiplate wet clutch
Final Drive	Chain
Suspension / Front	KYB® spring-type fork with speed sensitive damping; fully adjustable, 12.2-in travel
Suspension / Rear	KYB® single shock; fully adjustable, 12.5-in travel
Brakes / Front	Hydraulic disc, 270mm
Brakes / Rear	Hydraulic disc, 240mm
Tires / Front	80/100-21 Dunlop® Geomax MX33F
Tires / Rear	110/100-18 Dunlop® Geomax MX33
L x W x H	85.6 in x 32.5 in x 50.4 in
Seat Height	37.6 in
Wheelbase	58.3 in
Rake (Caster Angle)	27.2°
Trail	4.6 in
Maximum Ground Clearance	12.6 in
Fuel Capacity	2.2 gal
Wet Weight	245 lb
Warranty	30 Day (Limited Factory Warranty)
Color	Team Yamaha Blue

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*** 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.