

2021

YZ250FX



Team Yamaha Blue

\$8,499 MSRP* \$425 Destination Charge*

TOP FEATURES

1. All-New 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. Yamaha Power Tuner App

Yamaha's free of charge and industry-exclusive 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 while the handlebar-mounted map switch allows you to adjust preselected engine maps on the fly.

3. High Performance Engine

Based on the championship-winning YZ250F, the engine includes all of the same race-winning technologies. The cylinder head, exhaust system, fuel injection, drivetrain, electrical system and more were updated to offer improved power across the rev range. Together, the result is improved peak power, better power delivery and even tougher durability.

4. Tuned Chassis

Found on the YZ250F, the bilateral beam frame is utilized on the 2021 YZ250FX. The forged section at the swingarm pivot, and 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.

5. Cross Country Features

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

6. Podium Ready

The YZ250FX is ready to put riders on top of the podium with its engine, electronics, frame, suspension, thin and low body and more.



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

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FEATURES & BENEFITS

ENGINE

Unique Engine Tuning

The revolutionary front-intake/rear-exhaust, high-performance liquid-cooled, 4-stroke, 4-valve, fuel-injected engine has been tuned 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.

Yamaha Power Tuner App

Yamaha's free of charge and industry-exclusive 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 and Fuel Mapping

A handlebar-mounted map switch allows the rider to quickly select between preloaded engine maps—loaded and configured in the Power Tuner app—to account for changing track and weather conditions. The fuel injection system uses 3D-mapped electronic control for the fuel and ignition timing that are optimized for cross country racing.

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.

6-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 new 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 and ultra-lightweight four-cell lithium-ion battery, the system adds minimal weight.

CHASSIS/SUSPENSION

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, and the graphics are embedded in the body moldings for long-lasting good looks.

Light and Strong Aluminum Frame

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

Advanced Suspension

Industry favorite KYB® fully adjustable spring-type forks with speed-sensitive damping and a KYB® rear shock feature a large 50mm piston. Both the fork and rear shock have been thoroughly tested and tuned specifically for cross country racing.

Purpose-Built Tires

Special cross country racing Dunlop® tires are used to maximize traction while delivering excellent durability.

270mm Front Brake

Large 270mm front disc brake coupled with high-performing pad material offers outstanding machine control and performance, with exceptional stopping power and controllability.

ADDITIONAL FEATURES

Practical Touches

Quick-adjust clutch, wide 55mm platform foot pegs, 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 toolless access to the air filter. Thanks to a WR®-style fuel level sensor in the tank, the YZ250FX includes a convenient fuel readout along with an engine warning indicator on the handlebar.

Sealed O-ring Chain

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

yamahamotorsports.com

For Accessories, visit shopyamaha.com

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, 245mm
Tires / Front	80/100-21 Dunlop® MX3S®
Tires / Rear	110/100-18 Dunlop® MX3S®
L x W x H	85.6 in x 32.5 in x 50.0 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

*** 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.

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