

# 2022

## YZ250F



### Team Yamaha Blue

\$8,499 MSRP\* \$430 Destination Charge\*

## NEW FOR 2022

### 1. Wider Rear Wheel

New 2.15-inch wide rear rim paired with premium 110-width Dunlop® Geomax MX33 tire serves up increased traction and better bump absorption under hard acceleration and cornering.

### 2. Reduced Unsprung Weight

New lightweight rear hub, rear sprocket and drive chain reduce unsprung weight and driveline inertia, contributing to more agile handling.

### 3. Three-Cross-Spoke Pattern Wheel

A first on a Yamaha off-road competition model, the new three-cross-spoke pattern on the rear wheel further improves impact absorption and overall feel.

### 4. New Suspension Settings

The YZ250F's class-leading suspension performance takes another step forward with revised suspension settings aimed at striking the perfect balance between the wider rear tire and lightened rear wheel assembly. That means increased stability on corner entry/exit and improved bump reaction.

### 5. Sharp New Graphics Scheme

New 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. New blacked-out radiator louvers add to the aggressive look.



\*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

#### Advanced 250cc Four-Stroke Engine

Featuring a high-spec piston, aggressive cam profiles and reversed cylinder head layout, the YZ250F's advanced four-stroke engine is known for its broad, useable powerband and class-leading low-end and mid-range torque.

#### Innovative Yamaha Power Tuner App

Yamaha's industry-leading 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. Best of all, it's free-of-charge.

#### Advanced Bilateral Aluminum Frame

The YZ250F's aluminum bilateral beam frame features main spars, engine mounts and mounting position that are designed to centralize mass and provide an ideal balance between cornering compliance and straight-line stability.

#### High Performance Braking System

Rigid front caliper, large-diameter pistons and large 270mm front brake rotor is the same system fitted to the YZ450F. Compact rear caliper works with a 240mm rotor and aggressive pad material for exceptional stopping power and braking control.

#### Electric Starter System

Utilizing a compact starter motor and ultra-lightweight lithium battery, the YZ250F brings the convenience of push-button starting to the racetrack for effortless restarts under pressure and relaxed riding when the clock isn't ticking.

### ENGINE

#### Advanced 250cc Four-Stroke Engine

The YZ250F's liquid-cooled, DOHC 4-valve, fuel-injected powerplant features a forward-positioned straight downdraft intake with symmetrical intake ports, high-spec piston, aggressive cam profiles and reversed cylinder head layout. The advanced four-stroke engine is known for its broad, useable powerband and class-leading low-end and mid-range torque.

#### 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 Maps

Two-mode adjustable engine mapping allows the rider to adjust engine character with the push of a button, making it easy to make immediate adjustments to changing track or weather conditions.

#### Piston, Rod and Crankshaft Balance

A flat-top forged piston features a bridge-box design for additional strength with minimal weight. The piston, rings and DLC-coated piston pin, along with the offset cylinder configuration, all reduce friction loss and contribute to quick response. The engine's intake ports, cam profiles, high-strength connecting rod and optimized crank and counter-balancer all work together to produce potent high-rpm power with user-friendly delivery and exceptional reliability.

#### Advanced Fuel Injection

The adjustable fuel injection system uses a 44mm throttle body, fed by a high-pressure electric fuel pump, to inject fuel through a 12-hole Denso® injector. This ensures optimum fuel atomization and air/fuel calibration for excellent rideability in a wide range of riding conditions.

#### Wraparound Rear-Positioned Exhaust Layout

An innovative exhaust pipe design improves mass centralization and power development characteristics. This layout moves the rear end of the exhaust pipe farther forward and positions the muffler closer to the bike's center of mass.

#### Durable Transmission

The transmission gears, dogs and shift mechanisms are designed to smooth gear changes and improve durability under the heavy demands of motocross racing. The YZ250F also features a large-diameter clutch to boost reliability even further under high-heat conditions.

### CHASSIS/SUSPENSION

#### Advanced Bilateral Aluminum Frame

The bilateral aluminum frame features flex characteristics that give riders the ultimate combination of precise cornering performance and handling stability. Large upper frame bracing improves rigidity and durability. The wider rear frame spars, and the YZ250F-specific engine mounts centralize mass for the best possible balance of impact absorption, stiffness and feeling of grip.

#### Class-Leading Suspension

Fully adjustable KYB® coil spring-type fork with speed-sensitive damping provides exceptional balance between handling and bump absorption for championship-winning performance. The linkage-type rear suspension features a KYB® shock with revised settings aimed at striking the perfect balance between the wider rear tire and lightened rear wheel assembly. That means less pitch on corner entry/exit and improved stability.

#### High Performance Braking System

Rigid front caliper, large-diameter pistons and large 270mm front brake rotor is the same system fitted to the YZ450F. Compact rear caliper works with a 240mm rotor and aggressive pad material for exceptional stopping power and braking control.

#### Compact Body and Seat Design

The YZ250F utilizes compact bodywork from tip to tail, including a narrow fuel tank specifically designed for motocross demands. In addition to shaving weight, the body design provides more comfortable knee grip for better control, with a seat shaped to give the rider additional room to move aboard the machine.

#### Enhanced Mass-Centralization

The compact engine, wraparound exhaust and fuel tank are strategically positioned to enhance mass centralization for a lightweight handling feeling on the track. The wide 55mm foot pegs help lower the rider's center of gravity for improved balance, control and rider comfort.

#### Strong, Lightweight Wheels

Careful computer-aided refinement of each wheel's cross-sectional profile shaves valuable weight without sacrificing durability. In a first for Yamaha off-road competition models, the YZ250F's rear wheel comes laced up with a new three-cross-spoke pattern for improved impact absorption and feel.

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## ADDITIONAL FEATURES

### Race-Winning Details

The YZ250F boasts top-spec details including 1-1/8-inch aluminum tapered handlebars secured to four-position adjustable handlebar mounts, wide 55mm foot pegs, a quick-adjust clutch perch, stylish blue rims and a lightweight gold drive chain.

### Simplified Servicing

Sleek air cleaner cover provides tool-free access to the air filter, positioned at the front of the bike to avoid roost from the rear wheel.

[yamahamotorsports.com](http://yamahamotorsports.com)

For Accessories, visit [shopyamaha.com](http://shopyamaha.com)

## SPECIFICATIONS:

<b>Engine Type</b>	250cc liquid-cooled DOHC 4-stroke; 4 valves
<b>Bore x Stroke</b>	77.0mm x 53.6mm
<b>Compression Ratio</b>	13.8:1
<b>Fuel Delivery</b>	Mikuni® fuel injection, 44mm
<b>Transmission</b>	Constant-mesh 5-speed; multiplate wet clutch
<b>Final Drive</b>	Chain
<b>Suspension / Front</b>	KYB® Speed-Sensitive System inverted fork; fully adjustable, 12.2-in travel
<b>Suspension / Rear</b>	KYB® single shock; fully adjustable, 12.5-in travel
<b>Brakes / Front</b>	Hydraulic disc, 270mm
<b>Brakes / Rear</b>	Hydraulic disc, 240mm
<b>Tires / Front</b>	80/100-21 Dunlop® Geomax MX33F
<b>Tires / Rear</b>	110/90-19 Dunlop® Geomax MX33
<b>L x W x H</b>	85.6 in x 32.5 in x 50.6 in
<b>Seat Height</b>	38.2 in
<b>Wheelbase</b>	58.1 in
<b>Rake (Caster Angle)</b>	26.8°
<b>Trail</b>	4.7 in
<b>Maximum Ground Clearance</b>	13.2 in
<b>Fuel Capacity</b>	1.6 gal
<b>Wet Weight</b>	234 lb
<b>Warranty</b>	30 Day (Limited Factory Warranty)
<b>Color</b>	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.