

2023

YZ125X

NEW FOR 2023



Team Yamaha Blue

1. Powerful New 125cc Two-Stroke Engine

A completely redesigned liquid-cooled 125cc two-stroke engine boasts improved usability and increased mid- and top-end power over the 2022 model for a thrilling new level of performance.

2. Improved Fueling

New high-precision Hitachi Astemo® Keihin PWK38S carburetor features a power jet, throttle position sensor and 3D-map-controlled CDI unit for precise ignition timing. The result is clean, crisp throttle response, superior rideability and excellent over-rev character.

3. New Brake System

To match increased engine performance, an updated high performance braking system features larger front pistons, a more rigid caliper and a redesigned 270mm front rotor with a 30% increase in pad contact area, all combining to provide exceptional braking power and feel. The redesigned rear rotor maintains the same braking power while dropping outer diameter from 245mm to 240mm, reducing unsprung weight with no compromise on performance.

4. Revised Suspension Damping

Taking the YZ125X's class-defining suspension and handling characteristics to the next level, new front fork internals and revised suspension settings further improve bump absorption, cornering performance and comfort to better withstand the grueling demands of cross country and enduro-style racing.

5. Improved Rider Ergonomics

To increase rider confidence in challenging cross country conditions, new smoothly integrated body panels, more narrow fuel tank design, slimmer shroud width and flatter seat all combine to enable greater freedom of movement forward and back, allowing the rider to easily shift body weight for better control.

6. Bold New YZ Styling

Along with the slimmer, more aggressive bodywork, a new front and rear fender design and new radiator shrouds all integrate with a bold new graphics scheme to highlight the YZ family pedigree. Premium Yamaha graphics are now embedded to provide excellent durability and scratch resistance.



*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

Two-Stroke Power: Tuned for Enduro Racing

The YZ125X is optimized for the unique demands of Hare Scrambles and GNCC® racing. The powerful new Yamaha Power Valve System (YPVSTM)-equipped 125cc two-stroke engine is mated to a six-speed transmission for the ultimate cross country powerplant.

Lightweight Aluminum Frame

Ultra-lightweight YZ125-spec aluminum semi-double cradle frame is engineered to provide the perfect balance of rigidity and flex for competition-ready handling character and composure.

Industry-Leading Suspension

Yamaha's renowned Speed Sensitive System KYB® spring-type front fork is matched with a high performance KYB® long-travel rear shock, both fully adjustable and tuned for the specific demands of cross country racing.

GNCC®-Specific Features

Cross country focused suspension setup, optimized YPVS™ settings, lightweight Excel® wheels paired with Dunlop® Geomax MX33 tires, sealed O-ring chain, standard side stand and fuel tank petcock with reserve position all combine to make the perfect GNCC® racer.

ENGINE

Powerful New 125cc Two-Stroke Engine

The new YZ125X's two-stroke engine represents an increase in power and usability over the 2022 model. Nearly every functional part of the engine is new—from the cylinder body, cylinder head, piston, piston pin, connecting rod, crankcase and expansion chamber, to a revised cylinder port shape and updated cylinder port timing. It's a change that is immediately apparent at the first crack of the throttle and throughout the entire rpm range.

Tuned for GNCC® Competition

The YZ125X utilizes a revised compression ratio, revised YPVS™ timing and a model-specific digital CDI unit compared to its motocross sibling—all focused on creating a broad, usable power delivery specifically suited to cross country and enduro-style competition.

New Air Intake Design

Updated intake design allows for a straighter, more efficient draw of air into the intake tract.

Improved Fueling

New high-precision Hitachi Astemo® Keihin PWK38S carburetor features a power jet, throttle position sensor and 3D-map-controlled CDI unit for precise ignition timing. The result is clean, crisp throttle response, superior rideability and excellent over-rev character.

Revised Close-Ratio Transmission

Revised close-ratio six-speed transmission has wider transmission gear tooth width and new, optimized gear ratios for maximum performance.

Narrow Exhaust Pipe

The compact exhaust expansion chamber provides both horizontal and vertical clearance on tight, technical trails while still providing excellent exhaust efficiency.

High-Capacity Radiator

Large-capacity radiator with dark louvers deliver an aggressive look and maximum cooling efficiency for demanding racing conditions.

CHASSIS/SUSPENSION

Lightweight Frame

Race-proven, highly developed aluminum semi-double cradle frame is engineered to provide the perfect balance of rigidity and flex for competition-ready handling character and composure. Removable aluminum rear subframe is constructed of square-section tubing for reduced weight.

Industry-Leading KYB® Fork

Tuned for the demands of cross country racing, the Speed Sensitive System 48mm inverted KYB® fork includes a leaf spring in the mid-speed valve for more precise damping and increased comfort, while offering up 11.8 inches of travel. Additionally, a newly adopted scraper between the dust and oil seal improves reliability in cross country conditions.

Advanced KYB® Shock

Revised fully adjustable KYB® rear shock features reduced-friction Kashima Coat™ internals, separate adjusters for high- and low-speed compression damping, a full lock oil rebound system for increased comfort, and 12.4 inches of travel. It all adds up to fantastic rear wheel control and class-leading capability.

New Brake System

An updated high performance braking system features larger front pistons, a more rigid caliper and a redesigned 270mm front rotor with a 30% increase in pad contact area, all combining to provide exceptional braking power and feel. The redesigned rear rotor maintains the same braking power while dropping outer diameter from 245mm to 240mm, reducing unsprung weight with no compromise on performance.

Premium Excel® Wheels & Dunlop® Tires

Slick blue Excel® rims provide exceptional durability and a premium look. They come wrapped in newly sized high performance Dunlop® Geomax MX33 tires for improved cornering traction, stability and feel.

ADDITIONAL FEATURES

Cross Country Ergonomics

A racy "gripper"-type seat and narrow fuel tank combined with a tapered aluminum handlebar and adjustable mounts create greater freedom of movement and more comfortable ergonomics for riders.

Cross Country Features

The YZ125X is focused on enduro competition with an 18-inch rear wheel, larger rear sprocket, side stand, sealed O-ring chain, reserve fuel petcock, and newly adopted scraper between the fork's dust and oil seal, all adding up to exceptional cross country performance.

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For Accessories, visit shop.yamaha.com

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YZ125X

SPECIFICATIONS:

Engine Type	125cc liquid-cooled 2-stroke; reed-valve inducted
Bore x Stroke	54.0 mm x 54.5 mm
Compression Ratio	7.8-10.2:1
Fuel Delivery	Hitachi Astemo® Keihin PWK38S
Transmission	6-speed; multiplate wet clutch
Final Drive	Chain
Suspension / Front	KYB® Speed-Sensitive System inverted fork; fully adjustable, 11.8-in travel
Suspension / Rear	KYB® single shock; fully adjustable, 12.4-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	84.8 in x 32.5 in x 50.8 in
Seat Height	38.2 in
Wheelbase	57.3 in
Rake (Caster Angle)	26.4°
Trail	4.4 in
Maximum Ground Clearance	14.0 in
Fuel Capacity	1.8 gal
Wet Weight	212 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.