

2023

YZ85



Team Yamaha Blue

TOP FEATURES

1. YPVS™ Two-Stroke Power

The 85cc liquid-cooled, two-stroke engine features the Yamaha Power Valve System (YPVS™) for increased low- and mid-range power without losing peak power at high rpms, reducing the need for frequent shifting.

2. Fully-Adjustable Suspension

Lightweight 36mm KYB® inverted cartridge fork features low-friction outer tubes, external compression and rebound damping adjustability, paired with a race-proven fully-adjustable KYB® rear shock. Both offer loads of suspension travel to tackle serious off-road competition.

3. Optimized Chassis Design

Built for demanding junior racers, the YZ85's chassis is optimized for strength, rigidity and overall handling stability. The aluminum swingarm offers refined balance between longitudinal and torsional rigidity, and the removable rear subframe constructed from lightweight, high-strength aluminum reduces weight.

4. Performance-Minded Ergonomics

The flat seat and narrow fuel tank design, along with smoothly integrated body panels and slim shroud width, combine to enable greater freedom of movement forward and back, allowing the rider to easily shift body weight for increased control and confidence.

5. High-Spec Wheels & Brakes

Stylish blue, lightweight 17-inch front and 14-inch rear rims are durable, reduce unsprung weight for optimal suspension performance, and come wrapped in Dunlop® MX3S tires for exceptional traction. Big 220mm and 190mm disc brakes offer precise control and outstanding stopping power.

6. High-Quality Embedded Graphics

Inspired by its YZ125 sibling, the aggressive 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.



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

FEATURES & BENEFITS

ENGINE

Potent YPVS™ Two-Stroke Engine

The 85cc liquid-cooled, two-stroke engine features the Yamaha Power Valve System (YPVS™) for broad power across the rev range without losing peak power at high rpms, reducing the need for frequent shifting.

Tuned Crankcase & Intake

The crankcase design features a spacer-style reed valve intake for improved air/fuel flow, which inhales through a 28mm Hitachi Astemo® Keihin flat-slide carburetor for seamless throttle response.

Tuned Expansion Chamber

Carefully matched to suit the YPVS™-equipped engine, the exhaust expansion chamber optimizes gas flow for enhanced power delivery, especially in the low- and mid-range.

Durable Transmission

The transmission features oversized gears to provide enhanced engagement and smoother shifts.

High Capacity Radiator

Lightweight radiator has large cores and louvers. Water pump features a cast aluminum (vs. resin) impeller for maximum cooling efficiency.

Advanced Intake Design & High-Flow Airbox

Advanced intake design allows for a straighter, more efficient draw of air into the intake tract. High-flow airbox ensures excellent air filter performance and easy maintenance.

CHASSIS/SUSPENSION

Fully-Adjustable Fork

The lightweight 36mm KYB® inverted cartridge fork features 10.8 inches of travel with compression and rebound damping adjustability. Complete with low-friction outer tubes and internals, the damping settings offer enhanced performance across a range of conditions and rider abilities.

Fully-Adjustable Shock

Rear suspension features fully adjustable KYB® link-type shock with race-tested valving and 11.1 inches of travel. The progressive linkage-type design improves bottoming resistance, allowing racers to charge harder and improve lap times.

Optimized Chassis Design

Built for demanding junior racers, the YZ85's chassis is optimized for strength, rigidity and overall handling stability. The aluminum swingarm offers refined balance between longitudinal and torsional rigidity, and the removable rear subframe constructed from lightweight, high-strength aluminum reduces weight.

Large-Diameter Brakes

Big wave-style brake discs offer improved self-cleaning and cooler-running performance. The 220mm front disc and 190mm rear disc deliver strong, precise stopping power. Rear brake master cylinder also includes built-in sub-reservoir to provide more linear brake response and increased control.

Lightweight Wheels

Lightweight 17-inch front and 14-inch rear rims are durable and reduce unsprung weight for optimal suspension performance.

High Performance Tires

Dunlop® MX3S tires provide exceptional traction on a variety of tracks and terrain.

ADDITIONAL FEATURES

Adjustable Rider Ergonomics

The four-position adjustable handlebar mounts and taper-style handlebar allow the rider to tune the handlebar position to suit their size and preferences. Flat seat and narrow fuel tank design, along with smoothly integrated body panels and slim shroud width, combine to enable greater freedom of movement for increased control and confidence.

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SPECIFICATIONS:

Engine Type	85cc liquid-cooled 2-stroke; reed-valve inducted
Bore x Stroke	47.5mm x 47.8mm
Compression Ratio	8.2-9.6:1
Fuel Delivery	Hitachi Astemo® Keihin PWK28 carburetor
Transmission	6-speed; multiplate wet clutch
Final Drive	Chain
Suspension / Front	KYB® inverted fork; fully adjustable, 10.8-in travel
Suspension / Rear	KYB® single shock; fully adjustable, 11.1-in travel
Brakes / Front	Hydraulic disc, 220mm
Brakes / Rear	Hydraulic disc, 190mm
Tires / Front	70/100-17 Dunlop® Geomax MX3SF
Tires / Rear	90/100-14 Dunlop® Geomax MX3S
L x W x H	71.7 in x 29.9 in x 44.7 in
Seat Height	33.1 in
Wheelbase	49.4 in
Rake (Caster Angle)	26.3°
Trail	3.5 in
Maximum Ground Clearance	12.6 in
Fuel Capacity	1.3 gal
Wet Weight	161 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.