

# 2021

## YZ85

### TOP FEATURES

#### 1. YPVS™ Two-Stroke Power

The 85cc liquid-cooled, two-stroke engine features the Yamaha Power Valve System for broad, tractable power across the rev range without losing peak power at high rpm.

#### 2. Fully-Adjustable Suspension

Lightweight 36mm KYB® inverted cartridge fork features low-friction outer tubes, plenty of travel and external compression and rebound damping adjustability, mated to a race-proven fully-adjustable rear shock.

#### 3. High-Spec Wheels and Brakes

Lightweight 17-inch front and 14-inch rear rims are durable and reduce unsprung weight for optimal suspension performance while the big 220mm and 190mm disc brakes offer precise control and feature Dunlop® MX3S® knobbies for exceptional traction.

#### 4. Adjustable Rider Ergonomics

The four-position adjustable handlebar mounts and taper-style handlebar allow the rider to tune the ergonomics to suit their size and preferences.



#### Team Yamaha Blue

\$4,699 MSRP\* \$220 Destination Charge\*



\*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 for broad, tractable power across the rev range without losing peak power at high rpm—improving driveability and reducing the need for frequent shifting.

#### Tuned Crankcase and Intake

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

#### Tuned Expansion Chamber

Carefully matched to suit the YPVS 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 gear engagement and smoother shifts.

#### High Capacity Radiator

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

#### High-Flow Airbox

Airbox design ensures excellent air cleaning 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 Kayaba® link-type shock with 11.1 inches of travel and race-tested compression valving. The progressive linkage-type design improves bottoming resistance, allowing racers to charge harder and improve lap times.

#### Refined Swingarm Design

The YZ85's modern swingarm features a composite chain guide as well as push-style chain adjusters, just like the YZ125, for easier maintenance.

#### Lightweight Subframe

Compact rear subframe is removable for simplified servicing.

#### 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.

#### 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® knobbies 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. The flat fuel tank, side panels and rear fender provide generous freedom of movement.

#### yamahamotorsports.com

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

## SPECIFICATIONS:

<b>Engine Type</b>	85cc liquid-cooled 2-stroke; reed-valve inducted
<b>Bore x Stroke</b>	47.5mm x 47.8mm
<b>Compression Ratio</b>	8.2-9.6:1
<b>Fuel Delivery</b>	Keihin® PWK28 carburetor
<b>Transmission</b>	6-speed; multiplate wet clutch
<b>Final Drive</b>	Chain
<b>Suspension / Front</b>	Inverted fork; fully adjustable, 10.8-in travel
<b>Suspension / Rear</b>	Single shock; fully adjustable, 11.1-in travel
<b>Brakes / Front</b>	Hydraulic disc, 220mm
<b>Brakes / Rear</b>	Hydraulic disc, 190mm
<b>Tires / Front</b>	70/100-17 Dunlop® MX3S®
<b>Tires / Rear</b>	90/100-14 Dunlop® MX3S®
<b>L x W x H</b>	71.7 in x 29.9 in x 45.1 in
<b>Seat Height</b>	33.1 in
<b>Wheelbase</b>	49.4 in
<b>Rake (Caster Angle)</b>	26.3°
<b>Trail</b>	3.5 in
<b>Maximum Ground Clearance</b>	13.0 in
<b>Fuel Capacity</b>	1.3 gal
<b>Wet Weight</b>	161 lb
<b>Warranty</b>	30 Day (Limited Factory Warranty)
<b>Color</b>	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.