

# 2021

## YZF-R3 Monster Energy Yamaha MotoGP Edition



**Monster Energy Yamaha MotoGP Edition**  
\$5,599 MSRP\* \$425 Destination Charge\*

### TOP FEATURES

#### 1. Sleek R-Series Styling

Featuring flowing bodywork and ergonomics inspired by the MotoGP® YZR-M1®, complemented by Monster Energy-inspired colors and graphics, the YZF-R3® is sleek, aerodynamic and refined.

#### 2. High-Revving Supersport Engine

Yamaha's championship-winning technology gives the YZF-R3 a broad spread of power with exciting high-rpm performance.

#### 3. Advanced Suspension

The R3's inverted fork works with a Monocross® rear shock to provide exceptional handling, with balanced chassis rigidity, a near 50/50 weight balance, and damping and spring settings designed for a wide range of road conditions.

#### 4. Compact Chassis

With a fully-fueled weight of only 375 pounds and a seat height of only 30.7 inches, the YZF-R3 is ultra-light, nimble and confidence-inspiring on everything from tight city streets to wide-open racetracks.

#### 5. Practical Performance

A range of exclusive technologies ensures the YZF-R3 combines Yamaha's legendary refinement and reliability with thrilling performance, all while sipping fuel at an efficient 56 mpg.

#### 6. Monster Energy® Yamaha MotoGP® Edition

Inspired by the YZR-M1 raced by Valentino Rossi and Maverick Viñales, the Monster Energy® Yamaha MotoGP® Edition YZF-R3 features an aggressive color and graphics package that stands out from the crowd and comes standard with Yamaha's antilock braking system (ABS).



\*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

#### Potent Twin-Cylinder Powerplant

Yamaha's 321cc liquid-cooled, inline 2-cylinder engine delivers excellent power and performance throughout the rpm range. With a 180-degree crank design and integrated counterbalancer, the layout minimizes vibrations for a smooth, refined engine character.

#### High-Revving Engine Architecture

With a compression ratio of 11.2:1, double overhead cams (DOHC) and four-valve cylinder heads, the YZF-R3 motor is designed for quick-revving performance and high-rpm efficiency to deliver an exciting ride with a broad spread of power.

#### Six-Speed Transmission

A smooth-shifting six-speed gearbox ensures the rider always has the right ratio, whether riding through tight canyon corners or racetrack straightaways.

#### Modern Fuel Injection

Downdraft induction fuel injection system provides easy starting, excellent fuel economy and responsive performance in all conditions.

#### Advanced Cylinder Construction

Yamaha's unique DiASil—a high-silicon aluminum alloy—engine block is used to ensure excellent heat dissipation, with an innovative offset cylinder design that reduces horsepower loss and improves both power and fuel efficiency.

#### Strong and Lightweight Pistons

Forged aluminum pistons—the same technology used for the YZF-R1®—means lighter weight and excellent strength at higher temperatures, ensuring reliability at higher rpm.

#### Compact Exhaust System

The short muffler design features modern styling and helps to centralize mass, improving agility for ultra-responsive handling.

### CHASSIS/SUSPENSION

#### Inverted Front Fork

The YZF-R3 features an inverted fork with optimized spring and damping settings, significantly improving fork rigidity, front-end feedback and control feel. The design also includes a YZR-M1-inspired top clamp for improved supersport style.

#### Monocross Rear Shock

The centrally-mounted single-shock design further centralizes mass and is tuned to strike a balance between ride comfort and sporty performance, for capability across a wide range of uses, from urban commuting to track days. It's also adjustable for spring preload which accounts for passengers or cargo.

#### Potent Braking with ABS

The 298mm floating-mount front disc brake ensures excellent stopping power, supported by a 220mm rear disc. The YZF-R3 Monster Energy Yamaha MotoGP Edition YZF-R3 model also features an antilock braking system to boost rider confidence and prevent wheel lock-ups in reduced-traction conditions.

#### Sportbike-Spec Wheels and Tires

Stylish 10-spoke cast aluminum wheels minimize unsprung weight for improved suspension responsiveness and refined handling. Grippy Dunlop® radial tires offer enhanced grip and feedback for sporty riding, too.

### ADDITIONAL FEATURES

#### Sleek R-Series Styling

The R3's aggressive design continues the legendary styling born from the YZR-M1 MotoGP® machine and improves overall aerodynamics at high speeds, too. The glaring face of the R3 features compact LED headlights with a central air duct that maximizes cooling airflow for the engine.

#### LED Lighting

Light Emitted Diode (LED) elements are used for both the taillight unit and headlights. Not only do LEDs offer long life with minimal power draw, they provide brilliant illumination, for confidence and visibility day or night.

#### Refined Sportbike Ergonomics

Thanks to the low-profile fuel tank design and relatively compact handlebar position, the rider is able to naturally grip the machine for confidence, especially when tucking aggressively behind the windscreen on the racetrack.

#### Perfectly Balanced

Thanks to the engine placement and overall machine dimensions, the YZF-R3 features a near 50/50 front/rear weight distribution for enhanced performance, especially in dynamic canyon-carving or racetrack riding environments.

#### Digital Instrumentation

The compact multi-function meter informs the rider of gear position, fuel capacity, real time and average fuel economy, water temp, clock and an oil change trip meter—all presented in a clean, modern layout.

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

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

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### SPECIFICATIONS:

<b>Engine Type</b>	321cc liquid-cooled, 4-stroke, DOHC inline twin-cylinder; 4-valves per cylinder
<b>Bore x Stroke</b>	68.0mm x 44.1mm
<b>Compression Ratio</b>	11.2:1
<b>Fuel Delivery</b>	Fuel injection
<b>Transmission</b>	6-speed; multiplate wet clutch
<b>Final Drive</b>	Chain
<b>Suspension / Front</b>	Inverted telescopic fork; 5.1-in travel
<b>Suspension / Rear</b>	Monocross single shock, adjustable preload; 4.9-in travel
<b>Brakes / Front</b>	298mm hydraulic disc with ABS
<b>Brakes / Rear</b>	220mm hydraulic disc with ABS
<b>Tires / Front</b>	110/70-17 Dunlop® Sportmax GPR-300®
<b>Tires / Rear</b>	140/70-17 Dunlop® Sportmax GPR-300®
<b>L x W x H</b>	82.3 in x 28.7 in x 44.9 in
<b>Seat Height</b>	30.7 in
<b>Wheelbase</b>	54.3 in
<b>Rake (Caster Angle)</b>	25.0°
<b>Trail</b>	3.7 in
<b>Maximum Ground Clearance</b>	6.3 in
<b>Fuel Capacity</b>	3.7 gal
<b>Fuel Economy</b>	56 mpg
<b>Wet Weight</b>	375 lb
<b>Warranty</b>	1 Year (Limited Factory Warranty)
<b>Color</b>	Monster Energy Yamaha MotoGP Edition

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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.