



Taking ATV racing to the next level.

Serious racers will tell you that the Yamaha YFZ450R is the number one machine choice with winning riders. Its sharp-handling chassis and ultra-responsive 450cc engine have made it today's number one racing ATV. And we've made it even sharper, faster and better-handling.

A race-bred assist and slipper clutch gives more precise control over corner entry speed for quicker lap times - while the uprated engine delivers superfast throttle response and harder-hitting high rpm power for holeshot-winning performance.

Sharper bodywork gives the rider more space to shift the bodyweight during cornering or hard acceleration. And lighter shocks makes for even sharper handling!

- ▶ New exhaust gives improved throttle response
- ▶ First ATV in its class with a slipper clutch
- ▶ Lightweight piggyback shocks for precise handling
- ▶ Higher compression engine for boosted performance
- ▶ New shock calibration to match new tyre character
- ▶ New cam design for stronger high rpm power feeling
- ▶ 32-bit fuel injection for instant response
- ▶ Lightweight weldless hybrid aluminium frame
- ▶ Cast aluminium swingarm with piggyback rear shock
- ▶ Dual front discs with wave-type rear
- ▶ Quick-release fasteners for easy bodywork removal
- ▶ Improved foot area with new heel guards



Yamaha Sport ATVs

We know that racing isn't about compromise. It's about being the best. And that's an attitude reflected in the design of every Yamaha Sports ATV.

Discover tough, lightweight frames that move with you, while withstanding every knock and bump. Experience ergonomic designs that keep your body comfortable, and your mind on what lies ahead.

At the heart of every Yamaha Sport ATV is an engine perfected by intensive research and development. We are as committed to engineering excellence as you are to winning the next race. Offering everything from big-torque, 4-stroke power to exciting acceleration, these are ATVs to leave the competition standing.



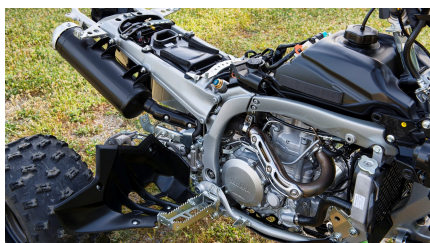


Race-bred high-performance racing engine

The race-bred 5-valve 4-stroke 450cc YFZ450R engine has received a higher compression ratio of 11.8:1 together with new valve timing for quicker throttle response and stronger high rpm power. The Air Induction System gives higher fuel efficiency, reduced exhaust emissions and increased durability.

Electronic Fuel Injection

For even sharper throttle response the YFZ450R is equipped with a new 42mm Mikuni throttle body which includes an ISC (Idle Speed Control) system for easy and reliable starting and warming up. This advanced system delivers instantaneous pick up and contributes towards reduced emissions.

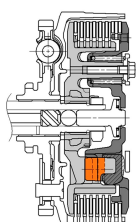


Hybrid chassis engineering

The YFZ450R uses a special combination of aluminium and steel in its frame and swingarm construction, and this innovative 'hybrid chassis' design offers a winning combination of low weight together with outstanding strength and an excellent rigidity balance.

Effortless transmisison with slipper clutch

The YFZ450R's 5-speed transmission is one of the slickest shifting systems in its class, and is fitted with a slipper clutch - the first time this system has been used in this category. The system makes shifting between gears even easier for quicker lap times and reduced fatigue.



Assist and slipper clutch

The YFZ450R is the first ATV in its class to feature an assist and slipper clutch that's designed to partially disengage when you're downshifting quickly for a turn. By virtually eliminating the effects of engine braking, the slipper clutch allows the rider to control corner entry speeds using the brakes for enhanced control and reduced lap times.

Long-travel adjustable suspension

For reduced unsprung weight this model is fitted with new Kayaba piggyback front shock absorbers and a recalibrated rear shock. These adjustable units give refined handling performance to give you the edge over other competitors.



Engine

Engine type	Single cylinder, liquid-cooled, 4-stroke, DOHC, 5-valves
Displacement	449cc
Bore x stroke	95.0 mm x 63.4 mm
Compression ratio	11.8 : 1
Lubrication system	Dry sump
Fuel system	Fuel Injection 42 mm EHS with ISC
Ignition system	TCI
Starter system	Electric
Transmission system	5-speed, manual slipper clutch
Drive system	2WD
Final transmission	Sealed O-ring chain, eccentric adjustment

Chassis

Front suspension system	Independent double wishbone, threaded preload adjustable dual-rate coil-over springs, 3-way adjustable damper, 250 mm wheel travel
Rear suspension system	Cast aluminium swingarm, threaded preload adjustable coil-over springs, 3-way adjustable damper, 280 mm wheel travel
Front brake	Dual ventilated disc with hydraulic twin piston callipers
Rear brake	Wave-type ventilated disc with twin piston callipers
Front tyres	AT21x7R10
Rear tyres	AT20x10R9

Dimensions

Overall length	1,795 mm
Overall width	1,240 mm
Overall height	1,065 mm
Seat height	810 mm
Wheelbase	1,270 mm
Minimum ground clearance	115 mm
Wet weight (including full oil and fuel tank)	184 kg
Fuel tank capacity	10.0 litres

ATVs with engines up to 70cc are recommended for use only by riders 6 years and older and always with adult supervision. ATVs with engines of 70 to 90cc are recommended only for use by riders 12 years and older, and always under adult supervision. ATVs with engines of 90cc or greater are recommended for use only by riders 16 years and older. ATVs are built to operate within their design limits. Safe towable weights, together with maximum carrying capacity are identified in the owner's manual if applicable. For durability, reliability, but most important of all, operator safety, under no circumstances should the recommended capacities be exceeded. Yamaha recommends that all ATV riders take an approved training course. For safety and training information, see your dealer or call your Yamaha Distributor in your country. ATVs can be hazardous to operate. For your safety: always avoid paved surfaces. ATVs are designed for unpaved surfaces only. Riding on paved surfaces may seriously affect handling and control and can cause loss of control. Always wear a helmet, eye protection and protective clothing. Never carry any passengers. Never engage in stunt riding. Riding and alcohol/drugs don't mix. Avoid excessive speed and be particularly careful on difficult terrain. Please 'tread lightly': always ride in a responsible manner, respecting the environment as well as country and local laws. The riders in this brochure are professionals: don't attempt to emulate them. The specification and appearance of Yamaha products will be varied from time to time without notice, and as shown here are illustrative only and are not a contractual description of products. Some models are shown with optional accessories. All ATVs come with a 12-month Limited Factory Warranty, except for Banshee, which carries a 90-day Limited Factory Warranty. See your dealer for details.



YFZ450R / SE

www.yamaha-motor.eu

Colours



Racing Blue



Crimson Red

Featured accessories



GYTR® Billet Clutch Basket



GYTR® Billet Clutch Inner Hub



GYTR® Billet Clutch Pressure Plate



Metric Tool Kit



Yamaha Cam Buckles Tie-downs



Yamaha Ratcheting Tie-downs

For all YFZ450R / SE accessories go to the website, or check your local dealer



The Yamaha Chain of Quality

Yamaha technicians are fully trained and equipped to offer the best service and advice for your Yamaha product. For this reason, Yamaha strongly recommends visiting an official Yamaha dealer for all your service requirements.

Yamaha Genuine Parts & Accessories are especially developed, designed and tested for our Yamaha product range. Yamaha also recommends the use of Yamalube®, our own range of high-tech lubricants – the lifeblood of Yamaha engines. They are developed to carry on working effectively, no matter where you ride.

Besides functional and style accessories, Yamaha offers a range of high quality, innovative riding gear designed to keep you comfortable and protected. An extensive range of casual wear is also available. For more information go to:

www.yamaha-motor-acc.com



Experience more of the
Yamaha YFZ450R / SE with your
mobile

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