

Raptor 700R

SPORT ATV

KEY SELLING POINTS

1

New piggyback front shocks with high- and low-speed compression adjustment, just like the mighty YFZ450, for greater tunability.

2

Raptor 700R is designed to dominate in the widest range of riding environments, from tight woods to desert to dunes.

3

A 686cc Yamaha fuel-injected engine makes this the most powerful Yamaha sport ATV ever, with big torque right off idle transitioning into a fat midrange and monstrous top end.

4

Yamaha fuel injection means consistently excellent engine performance in a wide range of conditions, elevations and temperatures.

5

Hybrid steel and aluminum frame with a Controlled Fill aluminum subframe and cast swingarm pivot combine to produce a super-strong structure and the lightest ATV in its class.

6

Aggressive styling reflects Raptor 700R's intent, and YFZ-inspired handling means it walks the walk, too.

7

Long-travel suspension—9.1 inches front, 10.1 rear—a cush seat and excellent ergonomics make the Raptor 700R comfortable to ride hard all day long.

8

Raptor 700R Special Edition rolls in with a dealer installed aluminum GYTR™ front grab bar and heel guards, plus special graphics and colors.

FEATURES & BENEFITS

ENGINE:

- Forged lightweight piston, connecting rod and crankshaft in the 686cc engine are light and strong, for a hard-hitting, quick-revving powerplant that revs all the way to 9000 rpm. Dual counterbalancers keep it smooth.
- Yamaha fuel injection means consistently excellent engine performance in a wide range of conditions, elevations and temperatures.
- Competition-spec dry sump lubrication system boosts horsepower and keeps overall engine size more compact.
- Digital TCI w/16-bit electronic control unit controls fuel injection and ignition systems for consistent performance and fantastic throttle response.
- Reliable, pushbutton electric start in any gear adds extra convenience.
- Race-bred five-speed transmission with reverse, along with Raptor 700R's monstrous powerband, mean there's a choice of gears in just about all situations.
- YZ-spec ratchet shifter ensures smooth, resistance-free shifting under power. Heavy-duty clutch features extra-sturdy basket and plates designed to harness the Raptor 700R's power.
- Easy-to-reach oil filter and tool-free air filter.

CHASSIS/SUSPENSION:

- State-of-the-art chassis combines a steel front section with an aluminum rear section and detachable subframe to create a super-strong structure as well as the lightest ATV in its class.
- Compact, CAD-designed chassis creates the ideal wheelbase for light, quick, super-accurate steering.
- Independent aluminum upper A-arm front suspension features new piggyback shocks with high- and low-speed compression adjustability, rebound and preload adjustability, and 9.1-inch travel for outstanding ride quality.
- YZ-style piggyback rear shock gives 10.1-inch wheel travel with high- and low-speed compression adjustability, for maximum sport versatility, along with preload and rebound adjustment.
- Front brake master cylinder features an adjustable lever for increased comfort and feel.
- Drilled rear brake disc reduces unsprung weight for improved suspension action and excellent braking feel.
- Cast aluminum swingarm carries an eccentric chain quick-adjust mechanism that takes most of the work out of that task.
- Handlebar-mounted flip-type parking brake lever and rear brake caliper adjust automatically.
- High-performance 21x7-10 front and 20x10-9 rear Dunlop radials with a specially designed tread pattern deliver superb, class-leading traction for razor-sharp handling in a variety of terrain and conditions.
- Lightweight aluminum wheels help enhance suspension performance by reducing unsprung weight.
- YFZ450 twin-aluminum-piston front disc brakes and rear disc deliver tremendous stopping power with less unsprung weight.
- YFZ450 45mm serrated footpegs provide excellent boot traction.
- Controlled Fill aluminum subframe is light and strong. So's the composite front grab bar.

ADDITIONAL FEATURES:

- Long, YZ-style seat allows maximum rider comfort and movement with superb sport-riding ergonomics.
- YFZ450 30-watt multireflector Krypton headlights set back in the front cowl add the perfect no-compromises sporting accent, and an LED taillight provides great visibility.

SPECIFICATIONS

Model	YFM700RXL; YFM700RXGY; YFM700RSPX
Engine Type	686cc liquid-cooled w/fan, 4-stroke; SOHC, 4 valves
Bore x Stroke	102.0 x 84.0mm
Compression Ratio	9.2:1
Carburetion	Yamaha Fuel Injection (YFI), 44mm
Ignition	16 Bit ECU
Starting System	Electric
Transmission	5-speed w/reverse; wet multiplate clutch
Drive Train	2WD; sealed O-ring chain, eccentric adjustment
Suspension/Front	Independent double wishbone w/piggy back High-/Lo-speed compression, rebound and threaded preload adjustment, 9.1-in travel
Suspension/Rear	Cast aluminum swing arm w/rebound, High-/Lo-speed compression and threaded preload adjustment, 10.1-in travel
Brakes/Front	Dual ventilated hydraulic disc, twin piston
Brake/Rear	Ventilated hydraulic disc, self adjusting park brake function
Tires/Front	AT21 x 7-10 Radial
Tires/Rear	AT20 x 10-9 Radial
L x W x H	72.6 x 46.1 x 44.5 in
Seat Height	32.0 in
Wheelbase	50.4 in
Ground Clearance	4.4 in
Fuel Capacity	2.9 gal
Dry Weight	396 lb
Lighting	Dual 30W Krypton multireflector headlights & 3.9/0.5W LED brakelight
Color	Team Yamaha Blue/White; Gray/Red; Special Edition Red/White

- Large-capacity, 2.9-gallon fuel tank and Yamaha Fuel Injection (YFI) mean more time on the trail between fill-ups.

AVAILABLE ACCESSORIES:

Please refer to the Yamaha ATV Accessories & Apparel Brochure or go to yamaha-motor.com.

ATVs with engines 90cc or greater are recommended for use only by riders age 16 years and older.