



YZ450F Monster Energy Yamaha Racing Edition



Winning pedigree. Unstoppable performance.

Yamaha's commitment to pursuing ultimate performance has always been the driving force behind its success. The YZ450F Monster Energy Edition is the pinnacle of this development, with its power and handling gaining high praise from riders. With the striking race team looks, this is also the most desirable bike in the motocross paddock.

The YZ450F Monster Energy Edition's 450cc four-stroke engine is easy to use in low-to mid rpm range, but hits hard higher up the range. The optimised chassis setup ensures a smooth ride, great feel for traction and a planted feel over varied terrain.

The YZ450F Monster Energy Edition comes with its own built-in technician and security guard. The engine can be tuned to suit different riding conditions through the Power Tuner app, and the new ECU lock protects your bike when you're not riding. All you need is your phone.



- Monster Energy Edition looks
- Powerful engine with great flexibility
- Optimised frame for better control and comfort
- Excellent feel with hydraulic clutch
- Keeping the noise down
- Smooth ride with outstanding feel
- Sublime suspension
- YZ styling
- ECU lock anti-theft device
- Anti-slide seat
- Power Tuner App for easy tuning



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For winners, by winners.

All racers want to ride a machine that gives them the edge over competition and the best chance of winning. The YZ450F Monster Energy Edition does exactly that with its race-winning power and sublime handling. With the Monster Energy race team looks, you'll look the part, too.

The YZ450F Monster Energy Edition doesn't just deliver race-winning power, it matches it with great feel. The optimised frame and high-end suspension ensure a smooth ride and excellent feel for traction. The machine feels planted and stable over varied terrain and sets the standard in cornering performance.

The YZ450F Monster Energy Edition features tech to set it apart from the pack on and off the track. With the Power Tuner app on your phone you can make quick trackside adjustments to the engine character and traction control settings, while the new phone-operated ECU lock keeps your bike safe when you're not riding.

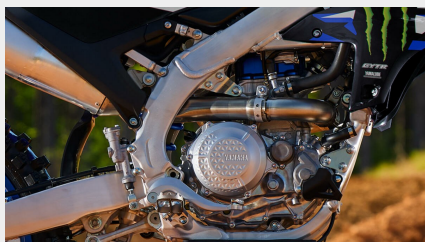


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Monster Energy Edition looks

The YZ450F Monster Energy Edition is inspired by the victorious Yamaha factory team machines, and features stunning Monster Energy colours and graphics.



Powerful engine with great flexibility

The YZ450F Monster Energy Edition features a unique reverse-head layout, 39mm titanium intake valves, forged aluminium piston, plain bearing at large end and dry sump. It achieves high combustion efficiency in the low- to mid-rpm range, with ample power higher in the range.



Optimised frame for better control and comfort

The frame features optimised structure and material thickness to achieve ideal torsional behaviour. Rigidity is reduced in response to upward thrusts, while maintaining longitudinal, lateral and torsional rigidity. This results in calm and highly stable front-end feeling, excellent chassis balance and contact feeling, stability in ruts and braking pumps, and less weight transfer.



Excellent feel with hydraulic clutch

The hydraulic clutch offers stable performance and keeps the meshing point constant during continued riding. It provides excellent feel for the meshing point, smooth clutch feathering action and light operation.



Keeping the noise down

The YZ450F Monster Energy Edition meets the latest noise regulations. Its exhaust features a centrally positioned resonator, while the air cleaner also houses a resonator and a duct to reduce induction noise. The muffler's attachment angle allows easy pick up at the rear fender.



Smooth ride with outstanding feel

The YZ450F Monster Energy Edition features a frame with optimised rigidity to ensure a smooth ride, great comfort and a planted feel when riding over bumps and landing jumps. The bike also achieves excellent stability and cornering performance.



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Agregat

Tip agregata	4-takta; Hlađenje tekućinom; DOHC; 4-ventila; Jednocilindričan
Zapremina	450 ccm
Provrt x hod	97,0 × 60,8 mm
Omjer kompresije	13,0 : 1
Sustav podmazivanja	Suhi karter
Tip kvačila	Mokro; Višestruki diskovi
Sustav paljenja	TCI
Sustav pokretanja	Električno
Sustav prijenosa	Stalan otvor; 5-brzinski
Završni prijenos	Lanac
Rasplinjač	Ubrizgavanje goriva

Šasija

Okvir	Dvostruke grede
Sustav ovjesa sprijeda	Teleskopska vilica
Hod ovjesa sprijeda	310 mm
Sustav ovjesa straga	link ovjes; Njihajuća ruka
Hod ovjesa straga	295 mm
Prednja kočnica	Hidraulični jednostruki disk, Ø 270 mm
Stražnja kočnica	Hidraulični jednostruki disk, Ø 240 mm
Prednja guma	Gume 80/100-21 51M
Stražnja guma	Gume 120/80-19 63M
Kut prednje vilice	27°05'
Predtrag	121 mm

Dimenzije

Ukupna dužina	2.175 mm
Ukupna širina	825 mm
Ukupna visina	1.275 mm
Visina sjedala	965 mm
Međuosovinski razmak	1.475 mm
Minimalna udaljenost od tla	345 mm
Težina (s punim spremnikom ulja i goriva)	110 kg
Kapacitet spremnika goriva	6,2 l
Kapacitet spremnika za ulje	1,2 l