YZ250F Monster Energy Yamaha Racing Edition



Seize the moment

Motocross is one of the toughest sports there is. If you want to succeed you've got to grab every opportunity because every second counts. With its high-tech reversed head engine giving you instant performance for explosive acceleration, the YZ250F Monster Energy Edition has got what it takes to make it to the victorYZone.

Its suspension is one of the best systems available on a production motocross bike, and for sharp handling performance this winning race bike comes with idealised low speed damping settings that give you accurate surface feedback and excellent traction.



- Monster Energy Edition looks
- All-new engine
- Hydraulic clutch
- Stronger drivetrain
- Meeting noise regulations
- Bilateral aluminium frame
- Revised suspension settings
- Linear braking power
- Revised rear brake pedal
- Updated bodywork
- Power Tuner App

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The YZ250F Monster Energy Edition's Power Tuner app gives you a real advantage by enabling you to easily adjust the engine character from smooth through to aggressive to suit different track conditions. Think of it as an invisible advantage that enables you to constantly outsmart the opposition. With its outstanding performance, innovative technology and stunning special livery, this is the ultimate YZ250F!

Ready to win

Yamaha's factory riders are always challenging for the podium at every MX2 FIM Grand Prix race. Featuring a special reversed-head engine as well as a lightweight aluminium chassis, the YZ250F has proved to be one of the best bikes in its class. And with its stunning factory team style colours and graphics, the YZ250F Monster Energy Edition is the ultimate 250cc 4-stroke both in performance and style.

With your YZ250F Monster Energy Edition you can be sure that you've got one of the best performing front and rear suspension packages in the class – combined with an agile handling aluminium chassis with an inbuilt balance of rigidity that provides plenty of feedback.

Compact bodywork featuring ultra-slim shrouds as well as a much flatter seat, including a single-piece for rapid weight shifting. There's also a high-efficiency air management system and revised ECU that boost top end performance on the responsive 250cc 4-stroke engine – while the latest version of the Power Tuner App features an intuitive 'Quick Tuning' function.

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Monster Energy Edition looks

No other bike gets as much attention as this YZ250F Monster Energy Edition! Inspired by the victorious factory team machines, the bike gets the stunning Monster Energy colours and graphics. It's the ultimate edition of this high-tech 250cc four-stroke.

Stronger drivetrain

The drivetrain has been comprehensively overhauled to handle the increased engine output while offering greater reliability. The updated components reduce weight, boost strength and improve durability, resulting in better reliability.

Meeting noise regulations

Although the engine boasts both output and torque gains across the entire rpm range, Yamaha still succeeded in reducing noise, and a thorough revision of the air cleaner and exhaust system helped the YZ250F Monster Energy Edition meet the relevant noise regulations. The exhaust note has also been tuned to deliver a pleasing high-quality sound.

Bilateral aluminium frame

The frame design is the same as the MXGP race-winning YZ450F. With a lower head pipe and revised tank rails this lightweight bilateral aluminium frame's improved handling enables you to corner faster and smoother. The lower centre of gravity and reduced weight make the YZ250F Monster Energy Edition more agile than ever – and the revised balance of rigidity and model-specific engine mounts give plenty of feel and feedback.

Revised suspension settings

The suspension parts and components are the same as the YZ450F, but the model-specific settings for the YZ250F Monster Energy Edition deliver optimal performance. Both front and rear suspensions offer increased damping force, improving their ability to follow the ground. From the initial stroke to the end of travel, they deliver a high level of shock absorption and comfort that enhances overall traction.

Linear braking power

The rear brake system has been meticulously reviewed for enhanced control. New, smaller master cylinder piston, brake calliper piston and brake disc as well as new brake hose material and revised disc rotor bolts make the system 180 g lighter. These changes also create a braking character with a linear buildup of stopping power, optimised braking force and improved controllability.

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Motore	
Motore	4 tempi; Raffreddato a liquido; DOHC; 4 valvole; Monocilindrico
Cilindrata	250 cc
Alesaggio x corsa	77,0 x 53,6 mm
Rapporto di compressione	13,8:1
Lubrificazione	Carter umido
Frizione	in bagno d'olio; dischi multipli
Accensione	TCI
Avviamento	Elettrico
Trasmissione	Sempre in presa; 5 marce
Trasmissione finale	Catena
Alimentazione	Iniezione

Telaio	
Telaio	Semi-doppia culla
Sospensione anteriore	Forcella a steli rovesciati
Escursione anteriore	310 mm
Sospensione posteriore	leveraggi progressivi; Forcellone
Escursione posteriore	295 mm
Freno anteriore	Disco idraulico singolo, Ø 270 mm
Freno posteriore	Disco idraulico singolo, Ø 240 mm
Pneumatico anteriore	80/100-21 51M a camera d'aria
Pneumatico posteriore	110/90-19 62M a camera d'aria
Inclinazione canotto sterzo	27°25'
Avancorsa	123 mm

Dimensioni	
Lunghezza	2.185 mm
Larghezza	825 mm
Altezza	1.280 mm
Altezza sella	970 mm
Interasse	1.480 mm
Altezza minima da terra	350 mm
Peso in ordine di marcia (compresi serbatoi olio e carburante pieni)	105 kg
Capacità serbatoio carburante	6,2 litri
Quantità olio motore	0,95 litri