

MY23 Enduro	TE 150	TE 250	TE 300	FE 250	FE 350	FE 450	FE 501
	EU	EU	EU	EU	EU	EU	EU
Engine							
Engine type	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke
Displacement	143.99 cc	249 cc	293.2 cc	249.9 cc	349.7 cc	449.9 cc	510.9 cc
Bore/stroke	58/54.5 mm	66.4/72 mm	72/72 mm	78/52.3 mm	88/57.5 mm	95/63.4 mm	95/72 mm
Compression ratio	-	-	-	13.8:1	13.5:1	12.75:1	12.75:1
Starter/battery	E-starter/kick-starter system / 12V 2.2 Ah	Electric starter / 12V 2.2 Ah	Electric starter / 12V 2.2 Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	TPI, Dell'Orto throttle body Ø 39 mm	TPI, Dell'Orto throttle body Ø 39 mm	TPI, Dell'Orto throttle body Ø 39 mm	Keihin EFI, throttle body 42 mm	Keihin EFI, throttle body 42 mm	Keihin EFI, throttle body 42 mm	Keihin EFI, throttle body 42 mm
Control	Exhaust control TVC	Exhaust control TVC	Exhaust control TVC	4 V / DOHC with finger followers	4 V / DOHC with finger followers	4 V / OHC with rocker levers	4 V / OHC with rocker levers
Lubrication	Electronically regulated oil injection	Electronically regulated oil injection	Electronically regulated oil injection	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps
Gear ratios	12.33 15.31 17.28 19.26 21.25 20.20	14.32 16.26 20.25 22.23 25.22 26.20	14.32 16.26 20.25 22.23 25.22 26.20	13.32 16.30 16.24 23.28 23.23 26.20	14.32 16.26 20.25 22.23 25.22 26.20	14.36 17.32 19.28 22.26 23.24 26.21	14.36 17.32 19.28 22.26 23.24 26.21
Primary ratio	23.73	26.73	26.73	24.73	24.73	31.76	31.76
Final drive	13.48 (13.50)	14.50 (13.52)	14.50 (13.50)	14.52 (13.52)	14.52 (13.52)	14.52 (13.52)	14.50 (13.50)
Cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling
Clutch	DS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics
Ignition	Continental EMS	Continental EMS	Continental EMS	Keihin EMS	Keihin EMS	Keihin EMS	Keihin EMS
Chassis							
Frame	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4
Subframe	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide
Handlebar	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm
Front suspension	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm
Rear suspension	WP XACT monoshock with linkage	WP XACT monoshock with linkage	WP XACT monoshock with linkage	WP XACT monoshock with linkage	WP XACT monoshock with linkage	WP XACT monoshock with linkage	WP XACT monoshock with linkage
Suspension travel front/rear	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm
Front/rear brakes	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm
Front/rear rims	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID
Front/rear tyres	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro	90/90-21"; 140/80-18" Michelin Enduro
Chain	X-Ring 5/8 x 1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"
Silencer	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Steering head angle	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°
Triple clamp offset	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Wheel base	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm
Ground clearance	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm
Seat height	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm
Tank capacity, approx.	8.5l	8.5l	8.5l	9.0l	9.0l	9.0l	9.0l
Competition weight: (without fuel)	99.6 kg	106.2 kg	106.4 kg	106.0 kg	106.8 kg	108.3 kg	108.4 kg

MY23 Enduro	TE 150 USA	TE 250 USA	TE 300 USA	FE 350s USA	FE 450 USA	FE 501s USA
Engine						
Engine type	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke
Displacement	143.99 cc	249 cc	293.2 cc	349.7 cc	449.9 cc	510.9 cc
Bore/stroke	58/54.5 mm	66.4/72 mm	72/72 mm	88/57.5 mm	95/63.4 mm	95/72 mm
Compression ratio	-	-	-	13.5:1	12.75:1	12.75:1
Starter/battery	E-starter/kick-starter system / 12V 2 Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah	Electric starter / 12V 2.2Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	TPI, Dell'Orto throttle body Ø 39 mm	TPI, Dell'Orto throttle body Ø 39 mm	TPI, Dell'Orto throttle body Ø 39 mm	Keihin EFI, throttle body 42 mm	Keihin EFI, throttle body 42 mm	Keihin EFI, throttle body 42 mm
Control	Exhaust control TVC	Exhaust control TVC	Exhaust control TVC	4 V / DOHC with finger followers	4 V / OHC with rocker levers	4 V / OHC with rocker levers
Lubrication	Electronically regulated oil pump	Electronically regulated oil injection	Electronically regulated oil injection	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps
Gear ratios	12:33 15:31 17:28 19:26 21:25 20:20	14:32 16:26 20:25 22:23 25:22 26:20	14:32 16:26 20:25 22:23 25:22 26:20	14:32 16:26 20:25 22:23 25:22 26:20	14:36 17:32 19:28 22:26 23:24 26:21	14:36 17:32 19:28 22:26 23:24 26:21
Primary ratio	23:73	26:73	26:73	24:73	31:76	31:76
Final drive	13:50	13:52	13:50	14:52	13:52	14:48
Cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling
Clutch	DS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics
Ignition	Continental EMS	Continental EMS	Continental EMS	Keihin EMS	Keihin EMS	Keihin EMS
Chassis						
Frame	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4
Subframe	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide
Handlebar	ProTaper, Aluminum Ø 28/22 mm	ProTaper, Aluminum Ø 28/22 mm	ProTaper, Aluminum Ø 28/22 mm	ProTaper, Aluminum Ø 28/22 mm	ProTaper, Aluminum Ø 28/22 mm	ProTaper, Aluminum Ø 28/22 mm
Front suspension	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm	WP XPLOR-USD, Ø 48 mm
Rear suspension	WP XACT-Monoshock with linkage	WP XACT-Monoshock with linkage	WP XACT-Monoshock with linkage	WP XACT-Monoshock with linkage	WP XACT-Monoshock with linkage	WP XACT-Monoshock with linkage
Suspension travel front/rear	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm
Front/rear brakes	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm	BRAKTEC Disc brake Ø 260/220 mm
Front/rear rims	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" Giant
Front/rear tires	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81	90/90-21"; 120/90-18" Continental TKC 80	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81	90/90-21"; 120/90-18" Continental TKC 80
Chain	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"	X-Ring 5/8x1/4"
Silencer	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Steering head angle	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°
Triple clamp offset	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Wheel base	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm	1,487±10 mm
Ground clearance	360 mm	360 mm	360 mm	360 mm	360 mm	360 mm
Seat height	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm
Tank capacity, approx.	8.5l	8.5l	8.5l	8.2l	9.0l	8.2l
Competition weight: (without fuel)	99.6 kg	105.2 kg	105.4 kg	110.4kg	107.3 kg	111.8 kg