

2024 Enduro	TE 150	TE 250	TE 300	FE 250	FE 350	FE 450	FE 501
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	143.99cc	249cc	293.2cc	249.9cc	349.7cc	449.9cc	510.9cc
Bore/stroke	58/54.5 mm	66.4/72 mm	72/72 mm	81/48.5 mm	88/57.5 mm	95/63.4 mm	95/72 mm
Compression ratio	-	-	-	14.4:1	13.7:1	12.75:1	12.75:1
Starter/battery	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah	Electric starter / Lithium Ion 12,8V 2Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	Keihin EFI, throttle body Ø 39 mm	Keihin EFI, throttle body Ø 39 mm	Keihin EFI, throttle body Ø 39 mm	Keihin EFI, throttle body Ø 42 mm	Keihin EFI, throttle body Ø 42 mm	Keihin EFI, throttle body Ø 42 mm	Keihin EFI, throttle body Ø 42 mm
Control	Electronic Exhaust Control	Electronic Exhaust Control	Electronic Exhaust Control	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	13:33 16:30 18:26 22:26 23:23 26:22	13:33 16:30 18:26 22:26 23:23 26:22	13:33 16:30 18:26 22:26 23:23 26:22	13:33 16:30 18:26 22:26 23:23 26:22	13:33 16:30 18:26 22:26 23:23 26:22	13:33 16:30 18:26 22:26 23:23 26:22
Primary ratio	23:73	26:72	26:72	24:72	24:72	29:72	29:72
Final drive	13:48 (13:50)	14:45 (13:45)	14:45 (13:45)	14:52 (13:52)	14:46 (13:46)	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 / Engine Management	Vitesco Technologies EMS	Vitesco Technologies EMS	Vitesco Technologies 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	Aluminium reinforced Polyamide	Aluminium reinforced Polyamide	Aluminium reinforced Polyamide	Aluminium reinforced Polyamide	Aluminium reinforced Polyamide	Aluminium reinforced Polyamide	Aluminium 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 XACT CC-USD, Ø 48 mm	WP XACT CC-USD, Ø 48 mm	WP XACT CC-USD, Ø 48 mm	WP XACT CC-USD, Ø 48 mm	WP XACT CC-USD, Ø 48 mm	WP XACT CC-USD, Ø 48 mm	WP XACT CC-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	520 X-Ring	520 X-Ring	520 X-Ring	520 X-Ring	520 X-Ring	520 X-Ring	520 X-Ring
Silencer	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Steering head angle	63.9°	63.9°	63.9°	63.9°	63.9°	63.9°	63.9°
Triple clamp offset	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Wheel base	1,489±10 mm	1,489±10 mm	1,489±10 mm	1,489±10 mm	1,489±10 mm	1,489±10 mm	1,489±10 mm
Ground clearance	359 mm	354 mm	354 mm	343 mm	343 mm	343 mm	343 mm
Seat height	952 mm	952 mm	952 mm	952 mm	952 mm	952 mm	952 mm
Tank capacity, approx.	8.5l	8.5l	8.5l	8.0l	8.0l	8.0l	8.0l
Competition weight: (without fuel)	100.2 kg	107.0 kg	107.0 kg	108.6 kg	109.4 kg	109.8 kg	110.8 kg