

MY17 Enduro	TX 125	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	124.8 cc	249 cc	293.2 cc	249.91 cc	349.7 cc	449.9 cc	510.9 cc
Bore/stroke	54/54.5 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	-	-	-	12.8:1	12.3:1	11.8:1	11.8:1
Starter/battery	Kickstarter	Kick- and electric starter / 12V 3.6Ah	Kick- and electric starter / 12V 3.6Ah	Electric starter / 12V 3.6Ah	Electric starter / 12V 3.6Ah	Electric starter / 12V 3.6Ah	Electric starter / 12V 3.6Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	Mikuni TMX 38	Mikuni TMX 38	Mikuni TMX 38	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	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	Mixture oil lubrication 1:60	Mixture oil lubrication 1:60	Mixture oil lubrication 1:60	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 23:26 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	13.50	14.50 (13.50)	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	Wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics	DDS wet multi-disc clutch, Magura hydraulics
Ignition	Kokusan	Kokusan	Kokusan	Keihin EMS	Keihin EMS	Keihin EMS	Keihin EMS
Chassis							
Frame	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel
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	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm	Neken, Aluminium Ø 28/22 mm
Front suspension	WP-USD Xplor 48	WP-USD Xplor 48	WP-USD Xplor 48	WP-USD Xplor 48	WP-USD Xplor 48	WP-USD Xplor 48	WP-USD Xplor 48
Rear suspension	WP-Monoshock with linkage	WP-Monoshock with linkage	WP-Monoshock with linkage	WP-Monoshock with linkage	WP-Monoshock with linkage	WP-Monoshock with linkage	WP-Monoshock with linkage
Suspension travel front/rear	300/330 mm	300/330 mm	300/330 mm	300/330 mm	300/330 mm	300/330 mm	300/330 mm
Front/rear brakes	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm	Disc brake Ø 260/220 mm	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 tires	80/100-21"; 120/90-18"	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"
Chain	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"	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	1.495±10 mm	1.495±10 mm	1.495±10 mm	1.495±10 mm	1.495±10 mm	1.495±10 mm	1.495±10 mm
Ground clearance	370 mm	370 mm	370 mm	370 mm	370 mm	370 mm	370 mm
Seat height	960 mm	960 mm	960 mm	970 mm	970 mm	970 mm	970 mm
Tank capacity, approx.	10 l	10 l	10 l	8.5 l	8.5 l	8.5 l	8.5 l
Weight, without fuel, approx.	92.0 kg	102.2 kg	102.4 kg	105.8 kg	106.8 kg	108.8 kg	109.3 kg
Homologation weight	97.6 kg	108.2 kg	108.4 kg	108.9 kg	108.9 kg	112.0 kg	112.0 kg