

MY23 Heritage Enduro	TE 150 Heritage	TE 250 Heritage	TE 300 Heritage	FE 250 Heritage	FE 350 Heritage	FE 450 Heritage	FE 501 Heritage
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 2.2 Ah	Electric starter / 12V 2.2 Ah	Electric starter / 12V 2.2 Ah	Electric starter / 12V 2.2 Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	TPI, Dellorto throttle body Ø 39 mm	TPI, Dellorto throttle body Ø 39 mm	TPI, Dellorto throttle body Ø 39 mm	Hitachi-Astemo EFI, throttle body Ø 42 mm	Hitachi-Astemo EFI, throttle body Ø 42 mm	Hitachi-Astemo EFI, throttle body Ø 42 mm	Hitachi-Astemo EFI, throttle body Ø 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 / Engine Management	Continental EMS	Continental EMS	Continental EMS	Hitachi-Astemo (formerly Keihin) EMS	Hitachi-Astemo (formerly Keihin) EMS	Hitachi-Astemo (formerly Keihin) EMS	Hitachi-Astemo (formerly 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 XPLORE-USD, Ø 48 mm	WP XPLORE-USD, Ø 48 mm	WP XPLORE-USD, Ø 48 mm	WP XPLORE-USD, Ø 48 mm	WP XPLORE-USD, Ø 48 mm	WP XPLORE-USD, Ø 48 mm	WP XPLORE-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" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL
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 Heritage Enduro	TE 300 Heritage	FE 450 Heritage
Engine		
Engine type	Single cylinder, 2-stroke	Single cylinder, 4-stroke
Displacement	293.2 cc	449.9 cc
Bore/stroke	72/72 mm	95/63.4 mm
Compression ratio	-	12,75:1
Starter/battery	Electric starter / 12V 2.2 Ah	Electric starter / 12V 2.2 Ah
Transmission	6 gears	6 gears
Fuel system	TPI, Dellorto throttle body Ø 39 mm	Hitachi-Astemo EFI, throttle body Ø 42 mm
Control	Exhaust control TVC	4 V / OHC with rocker levers
Lubrication	Electronically regulated oil injection	Pressure lubrication with 2 oil pumps
Gear ratios	14:32 16:26 20:25 22:23 25:22 26:20	14:36 17:32 19:28 22:26 23:24 26:21
Primary ratio	26:73	31:76
Final drive	13:50	13:52
Cooling	Liquid cooling	Liquid cooling
Clutch	DDS wet multi-disc clutch, BRAKTEC hydraulics	DDS wet multi-disc clutch, BRAKTEC hydraulics
Ignition / Engine Management	Continental EMS	Hitachi-Astemo (formerly Keihin) EMS
Chassis		
Frame	Central double-cradle-type 25CrMo4	Central double-cradle-type 25CrMo4
Subframe	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide
Handlebar	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
Rear suspension	WP XACT monoshock with linkage	WP XACT monoshock with linkage
Suspension travel front/rear	300/300 mm	300/300 mm
Front/rear brakes	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" EXCEL	1.60 x 21"; 2.15 x 18" EXCEL
Front/rear tyres	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81	80/100-21" DUNLOP MX33 F; 110/100-18" Dunlop AT81
Chain	X-Ring 5/8 x 1/4"	X-Ring 5/8x1/4"
Silencer	Aluminium	Aluminium
Steering head angle	63.5°	63.5°
Triple clamp offset	22 mm	22 mm
Wheel base	1,487±10 mm	1,487±10 mm
Ground clearance	360 mm	360 mm
Seat height	950 mm	950 mm
Tank capacity, approx.	8.5l	9.0l
Competition weight: (without fuel)	105.4 kg	107,3 kg