

EXC models 2015	125 EXC	200 EXC	250 EXC	300 EXC	250 EXC-F	350 EXC-F	450 EXC	500 EXC
Engine								
Engine type	Single cylinder, 2-stroke	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	193 cc	249 cc	293.2 cc	249,91 cc	349.7 cc	449.3 cc	510.4 cc
Bore/stroke	54/54.5 mm	64/60 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 3Ah	Kick- and electric starter / 12V 3Ah	Kick- and electric starter / 12V 3Ah	Electric starter / 12V 4Ah	Kick- and electric starter / 12V 4Ah	Kick- and electric starter / 12V 4Ah	Kick- and electric starter / 12V 4Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	Keihin PWK 36S AG	Keihin PWK 36S AG	Keihin PWK 36S AG	Keihin PWK 36S AG	Keihin EFI, throttle body 42 mm	Keihin EFI, flow restrictor 42 mm	Keihin EFI, flow restrictor 42 mm	Keihin EFI, flow restrictor 42 mm
Control	Exhaust 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	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	12:33 15:31 17:28 19:26 17:19 22:20	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 24:23 26:21	14:36 17:32 19:28 22:26 24:23 26:21
Primary ratio	23:73	23:73	26:72	26:72	24:73	24:73	32:76	32:76
Final drive	14:50 (13:50)	14:45	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	Liquid cooling
Clutch	Wet multi-disc clutch, Magura hydraulics	Wet multi-disc clutch, Magura hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics	Wet multi-disc DDS-clutch, Brembo hydraulics
Ignition	Kokusan	Kokusan	Kokusan	Kokusan	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	Central double-cradle-type 25CrMo4
Subframe	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
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	Neken, Aluminium Ø 28/22 mm
Front suspension	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm	WP-USD Ø 48 mm
Rear suspension	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber	WP-PDS shock absorber
Suspension travel front/rear	300/335 mm	300/335 mm	300/335 mm	300/335 mm	300/335 mm	300/335 mm	300/335 mm	300/335 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	Disc brake Ø 260/220 mm
Front/rear rims	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant	1.60 x 21"; 2.15 x 18" Giant
Front/rear tires	80/100-21"; 120/90-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"	80/100-21"; 140/80-18"
Chain	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"	X-Ring 5/8 x 1/4"
Silencer	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Steering head angle	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°	63.5°
Triple clamp offset	22 mm	22 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Wheel base	1,471±10 mm	1,471±10 mm	1,482±10 mm	1,482±10 mm	1,482±10 mm	1,482±10 mm	1,482±10 mm	1,482±10 mm
Ground clearance	355 mm	355 mm	355 mm	355 mm	345 mm	345 mm	345 mm	345 mm
Seat height	960 mm	960 mm	960 mm	960 mm	970 mm	970 mm	970 mm	970 mm
Tank capacity, approx.	9.5 l	9.5 l	9.5 l	9.5 l	9 l	9 l	9 l	9 l
Weight, without fuel, approx.	94 kg	99.5 kg	101.9 kg	102.1 kg	105.5 kg	107.2 kg	111 kg	111.5 kg