

Travel models MY 2017	1090 ADVENTURE	1090 ADVENTURE R	1290 SUPER ADVENTURE S	1290 SUPER ADVENTURE R	1290 SUPER ADVENTURE T
Engine					
Engine type	2-cylinder, 4-stroke, V 75°	2-cylinder, 4-stroke, V 75°	2-cylinder, 4-stroke, V 75°	2-cylinder, 4-stroke, V 75°	2-cylinder, 4-stroke, V 75°
Displacement	1,050 cc	1,050 cc	1,301 cc	1,301 cc	1,301 cc
Bore/stroke	103/63 mm	103/63 mm	108/71 mm	108/71 mm	108/71 mm
Power	92 kW (125 hp) @ 8,500 rpm	92 kW (125 hp) @ 8,500 rpm	118 kW (160 hp) @ 8,750 rpm	118 kW (160 hp) @ 8,750 rpm	118 kW (160 hp) @ 8,750 rpm
Torque	109 Nm @ 6,500 rpm	109 Nm @ 6,500 rpm	140 Nm @ 6,750 rpm	140 Nm @ 6,750 rpm	140 Nm @ 6,750 rpm
Compression ratio	13.0:1	13.0:1	13.1:1	13.1:1	13.1:1
Starter/battery	E-starter/12V 11.2 Ah	E-starter/12V 11.2 Ah	E-starter/12V 11.2 Ah	E-starter/12V 11.2 Ah	E-starter/12V 11.2 Ah
Transmission	6 gears	6 gears	6 gears	6 gears	6 gears
Fuel system	Keihin EFI (throttle body 52 mm)	Keihin EFI (throttle body 52 mm)	Keihin EFI (throttle body 52 mm)	Keihin EFI (throttle body 52 mm)	Keihin EFI (throttle body 52 mm)
Control	4 V/DOHC	4 V/DOHC	4 V/DOHC	4 V/DOHC	4 V/DOHC
Lubrication	Pressure lubrication with 3 Eaton pumps	Pressure lubrication with 3 Eaton pumps	Pressure lubrication with 3 Eaton pumps	Pressure lubrication with 3 Eaton pumps	Pressure lubrication with 3 Eaton pumps
Engine oil	Motorex, SAE 10W-50	Motorex, SAE 10W-50	Motorex, SAE 10W-50	Motorex, SAE 10W-50	Motorex, SAE 10W-50
Primary drive	40:76	40:76	40:76	40:76	40:76
Final drive	17:42	17:42	17:42	17:42	17:42
Cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling
Clutch	PASC™ slipper clutch, hydraulically operated	PASC™ slipper clutch, hydraulically operated	PASC™ slipper clutch, hydraulically operated	PASC™ slipper clutch, hydraulically operated	PASC™ slipper clutch, hydraulically operated
Engine management/ignition	Keihin EMS with RBW, double ignition	Keihin EMS with RBW, double ignition	Keihin EMS with RBW and cruise control, double ignition	Keihin EMS with RBW and cruise control, double ignition	Keihin EMS with RBW and cruise control, double ignition
Traction control	TC (3-Mode, disengageable, offroad mode opt.)	TC (4-Mode, disengageable)	MTC (4-Mode, disengageable)	MTC (4-Mode, disengageable)	MTC (4-Mode, disengageable) incl. MSR
Chassis					
Frame	Chromium-Molybdenum-Steel trellis frame, powder coated	Chromium-Molybdenum-Steel trellis frame, powder coated	Chromium-Molybdenum-Steel trellis frame, powder coated	Chromium-Molybdenum-Steel trellis frame, powder coated	Chromium-Molybdenum-Steel trellis frame, powder coated
Subframe	Aluminum, powder coated	Aluminum, powder coated	Aluminum, powder coated	Aluminum, powder coated	Aluminum, powder coated
Handlebar	Aluminum, tapered, Ø 28/22 mm	Aluminum, tapered, Ø 28/22 mm	Aluminum, tapered, Ø 28/22 mm	Aluminum, tapered, Ø 28/22 mm	Aluminum, tapered, Ø 28/22 mm
Front suspension	WP-USD Ø 43 mm	WP-USD Ø 48 mm	WP Semi-active Suspension USD Ø 48 mm	WP-USD Ø 48 mm	WP Semi-active Suspension USD Ø 48 mm
Rear suspension	WP shock absorber	WP PDS shock absorber	WP Semi-active Suspension shock absorber	WP PDS shock absorber	WP Semi-active Suspension shock absorber
Suspension travel front/rear	185/190 mm	220/220 mm	200/200 mm	220/220 mm	200/200 mm
Front brake	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm	2 x Brembo four piston, radially mounted caliper, brake disc Ø 320 mm
Rear brake	Brembo two piston, fixed caliper, brake disc Ø 267 mm	Brembo two piston, fixed caliper, brake disc Ø 267 mm	Brembo two piston, fixed caliper, brake disc Ø 267 mm	Brembo two piston, fixed caliper, brake disc Ø 267 mm	Brembo two piston, fixed caliper, brake disc Ø 267 mm
ABS	Bosch 9M+ Two Channel (disengageable, offroad mode opt.)	Bosch 9M+ Two Channel (disengageable, incl offroad mode)	Bosch 9ME Combined-ABS (incl. Cornering-ABS and offroad mode, disengageable)	Bosch 9ME Combined-ABS (incl. cornering-ABS and offroad mode, disengageable)	Bosch 9ME Combined-ABS (incl. cornering-ABS and offroad mode, disengageable)
Wheels front/rear	Cast aluminum wheels 3 x 19"; 4.5 x 17"	Spoked wheels with aluminum tubeless rims 2.50 x 21"; 4.50 x 18"	Cast aluminum wheels 3.50 x 19"; 5.00 x 17"	Spoked wheels with aluminum tubeless rims 2.50 x 21"; 4.50 x 18" TKC	Spoked wheels with aluminum tubeless rims 3.50 x 19"; 5.00 x 17"
Tires front/rear	110/80 R 19; 150/70 R 17	90/90 21; 150/70 R 18	120/70 ZR 19; 170/60 ZR 17	90/90 21; 150/70 ZR 18	120/70 ZR 19; 170/60 ZR 17
Chain	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 5/16"	X-Ring 5/8 x 5/16"
Silencer	Stainless steel silencer with regulated catalytic converter	Stainless steel silencer with regulated catalytic converter	Stainless steel silencer with regulated catalytic converter	Stainless steel silencer with regulated catalytic converter	Stainless steel silencer with regulated catalytic converter
Steering head angle	64°	64°	64°	64°	64°
Trail	120 mm	123 mm	123 mm	123 mm	120 mm
Wheel base	1,560 ± 15 mm	1,560 ± 15 mm	1,560 ± 15 mm	1,580 ± 15 mm	1,560 ± 15 mm
Ground clearance	220 mm	250 mm	220 mm	250 mm	220 mm
Seat height	850 mm	890 mm	860/875 mm	890 mm	860/875 mm
Fuel capacity	approx. 23 liters/3.5 liters reserve	approx. 23 liters/3.5 liters reserve	approx. 23 liters/3.5 liters reserve	approx. 23 liters/3.5 liters reserve	approx. 30 liters/4 liters reserve
Dry weight	approx. 205 kg	approx. 207 kg	approx. 215 kg	approx. 217 kg	approx. 222 kg
Weight (ready to ride)	approx. 212 kg (without fuel)	approx. 214 kg (without fuel)	approx. 222 kg (without fuel)	approx. 224 kg (without fuel)	approx. 229 kg (without fuel)
Weight (fully fuelled)	approx. 228 kg	approx. 230 kg	approx. 238 kg	approx. 240 kg	approx. 249 kg