

Frame	Central tube frame made of chrome molybdenum steel tubing	
Fork	WP 4860 MXMA CC	
Suspension travel		
front	280 mm (11.02 in)	
Rear	310 mm (12.2 in)	
Fork offset		
Front marking	14 mm (0.55 in)	
Rear marking	16 mm (0.63 in)	
Shock absorber	WP PDS 5018 DCC	
Brake system		
front	Single disc brake with radially screwed four-piston fixed caliper, floating brake disc	
Rear	Single disc brake with single-piston floating caliper, fixed brake disc	
Diameter of brake discs		
front	310 mm (12.2 in)	
Rear	220 mm (8.66 in)	
Wear limit of brake discs		
front	4.5 mm (0.18 in)	
Rear	3.5 mm (0.14 in)	
Tire air pressure		
front	1.6 bar (23.21 psi)	
Rear	1.6 bar (23.21 psi)	
Rear wheel gearing	14:48	
Chain	5/8 x 1/4"	
Rear sprockets available	38, 40, 42, 45, 48, 49, 50, 51, 52	
Steering head angle	63.5°	
Wheelbase	1475±10 mm (58.07±0.39 in)	
Seat height unloaded	920 mm (36.22 in)	
Ground clearance unloaded	300 mm (11.81 in)	
Weight without fuel	111.5 kg (245.81 lb.)	
Maximum permissible front axle load	145 kg (319.67 lb.)	
Maximum permissible rear axle load	190 kg (418.87 lb.)	
Maximum permissible overall weight	335 kg (738.54 lb.)	
3Ah battery	YTX4L-BS	Battery voltage: 12 V Nominal capacity: 3 Ah maintenance-free
4Ah battery	YTX5L-BS	Battery voltage: 12 V Nominal capacity: 4 Ah maintenance-free
Front tire		Rear tire
125/80 R 420 TL Dunlop KR106		170/55 R 17 TL Dunlop KR108
For further information, see: http://www.ktm.com		

Capacity - fuel

Tank capacity	8.2 l (2.17 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ P. 82)
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Fork part number	14.18.7D.18
Fork	WP 4860 MXMA CC
Compression damping	
Standard	15 clicks
Rebound damping	
Standard	15 clicks
Spring length with preload spacer(s)	482 mm (18.98 in)
Spring rate	
Weight of rider: 65... 75 kg (143.3... 165.34 lb.)	4.6 N/mm (26.27 lb/in)
Weight of rider: 75... 85 kg (165.34... 187.39 lb.)	4.8 N/mm (27.41 lb/in)
Weight of rider: 85... 95 kg (187.39... 209.44 lb.)	5 N/mm (28.55 lb/in)
Gas pressure	1.2 bar (17.4 psi)
Fork length	920 mm (36.22 in)

Capacity - fork oil

Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ P. 82)
Oil capacity / fork tube without cartridge	390 ml (13.19 fl. oz.)	Fork oil (SAE 5) (☛ P. 82)

Shock absorber part number	12.18.7D.15
Shock absorber	WP PDS 5018 DCC
Compression damping, low-speed	
Standard	10 clicks
Compression damping, high-speed	
Standard	1.5 turns
Rebound damping	
Standard	20 clicks
Spring preload	11 mm (0.43 in)
Spring rate	
Weight of rider: 65... 75 kg (143.3... 165.34 lb.)	76 N/mm (433.97 lb/in)
Weight of rider: 75... 85 kg (165.34... 187.39 lb.)	80 N/mm (456.81 lb/in)
Weight of rider: 85... 95 kg (187.39... 209.44 lb.)	84 N/mm (479.65 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145.04 psi)
Static sag	15... 20 mm (0.59... 0.79 in)
Riding sag	80... 90 mm (3.15... 3.54 in)
Fitted length	403 mm (15.87 in)

Spoke nipple, front wheel	M4,5	5 Nm (3.69 lbf ft)	–
Spoke nipple, rear wheel	M5	5 Nm (3.69 lbf ft)	–
Remaining nuts, chassis	M6	15 Nm (11.06 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.38 lbf ft)	–
Screw, rear brake disc	M6	14 Nm (10.33 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.33 lbf ft)	–
Screw, shock absorber adjusting ring	M6	5 Nm (3.69 lbf ft)	–
Screw, ball joint of push rod on foot-brake cylinder	M6	10 Nm (7.38 lbf ft)	–
Nut, rear sprocket screw	M8	35 Nm (25.82 lbf ft)	Loctite® 243™
Nut, rim lock	M8	10 Nm (7.38 lbf ft)	–
Remaining nuts, chassis	M8	30 Nm (22.13 lbf ft)	–
Remaining screws, chassis	M8	25 Nm (18.44 lbf ft)	–
Screw, top triple clamp	M8	17 Nm (12.54 lbf ft)	–
Screw, bottom triple clamp	M8	12 Nm (8.85 lbf ft)	–
Screw, fork stub	M8	15 Nm (11.06 lbf ft)	–
Screw, top steering stem	M8	17 Nm (12.54 lbf ft)	Loctite® 243™
Screw, handlebar clamp	M8	20 Nm (14.75 lbf ft)	–
Screw, engine brace	M8	33 Nm (24.34 lbf ft)	–
Screw, subframe	M8	35 Nm (25.82 lbf ft)	Loctite® 243™
Screw, front brake caliper	M10x1,25	40 Nm (29.5 lbf ft)	Loctite® 243™
Engine carrying screw	M10	60 Nm (44.26 lbf ft)	–
Remaining nuts, chassis	M10	50 Nm (36.88 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.19 lbf ft)	–
Screw, handlebar support	M10	40 Nm (29.5 lbf ft)	Loctite® 243™
Nut, seat fixing	M12x1	20 Nm (14.75 lbf ft)	–
Screw, top shock absorber	M12	80 Nm (59.01 lbf ft)	Loctite® 243™
Screw, bottom shock absorber	M12	80 Nm (59.01 lbf ft)	Loctite® 243™
Nut, swingarm pivot	M16x1,5	100 Nm (73.76 lbf ft)	–
Screw-in nozzles, cooling system	M20x1,5	12 Nm (8.85 lbf ft)	Loctite® 243™
Nut, rear wheel spindle	M20x1,5	80 Nm (59.01 lbf ft)	–
Screw, top steering head	M20x1,5	10 Nm (7.38 lbf ft)	–
Screw, bottom steering head	M20x1,5	60 Nm (44.26 lbf ft)	Loctite® 243™
Screw, front wheel spindle	M24x1,5	40 Nm (29.5 lbf ft)	–