

Frame	Trellis frame of chromium-molybdenum steel tubes, powder-coated
Suspension travel	
Front	300 mm (11.81 in)
Rear	310 mm (12.2 in)
Fork offset	
Mark 1 visible	20 mm (0.79 in)
No mark	22 mm (0.87 in)
Brake system	Disc brakes, brake calipers on floating bearings
Brake discs - diameter	
Front	300 mm (11.81 in)
Rear	240 mm (9.45 in)
Brake discs - wear limit	
Front	4.5 mm (0.177 in)
Rear	3.5 mm (0.138 in)
Tire air pressure on road	
Front	1.5 bar (22 psi)
Rear	1.5 bar (22 psi)
Tire air pressure off road	
Front	1.0... 1.5 bar (15... 22 psi)
Rear	1.0... 1.5 bar (15... 22 psi)
Secondary drive ratio	16:44
Rear sprockets available	43, 44, 45
Chain	5/8 x 1/4"
Wheelbase	1,535±10 mm (60.43±0.39 in)
Steering head angle	62.5°
Seat height unloaded	980 mm (38.58 in)
Ground clearance unloaded	320 mm (12.6 in)
Weight without fuel, approx.	162 kg (357 lb.)
Maximum permissible front axle load	190 kg (419 lb.)
Maximum permissible rear axle load	250 kg (551 lb.)
Maximum permissible overall weight	400 kg (882 lb.)
Standard rider weight	75... 85 kg (165... 187 lb.)

Lighting equipment

High beam	P20d	12 V 60 W
Low beam	P20d	12 V 60 W
Parking light	W2,1x9,5d	12 V 5 W
Indicator lights	W2x4,6d	12 V 1.2 W
Flasher light	BAU15s	12 V 10 W
Brake / tail light	LED	
License plate lamp	W2,1x9,5d	12 V 5 W
Battery	YTZ10S	Battery voltage: 12 V Nominal capacity: 8.6 Ah maintenance-free

Tires

Front tire	Rear tire
90/90 - 21 54S TT Michelin T63	130/80 - 18 66S TT Michelin T63
Additional information is available in the Service section under: http://www.ktm.com	

Capacity - fuel

Fuel tank capacity		
Fuel tank half, front left, approx.	9.0 l (2.38 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 97)
Fuel tank half, front right, approx.	9.0 l (2.38 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 97)
Rear fuel tank, approx.	18.0 l (4.76 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 97)
Total fuel capacity, approx.	36.0 l (9.51 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 97)

Fork part number	14.18.7E.10
Fork	WP Suspension 4860 MXMA CC
Compression damping	
Standard	12 clicks
Rebound damping	
Standard	20 clicks
Spring length with preload spacer(s)	502 mm (19.76 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	4.8 N/mm (27.4 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	5.0 N/mm (28.6 lb/in)
Gas pressure	1.8 bar (26 psi)
Fork length	950 mm (37.4 in)

Capacity - fork oil

Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ p. 97)
Oil capacity / fork tube without cartridge	420 ml (14.2 fl. oz.)	Fork oil (SAE 5) (☛ p. 97)

Shock absorber part number	12.18.7E.17
Shock absorber	WP Suspensio ne 5018 DACC
Compression damping, high-speed	
Standard	20 turns
Compression damping, low-speed	
Standard	15 clicks
Rebound damping	
Standard	20 clicks
Spring preload	
Standard	14 mm
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	88 N/mm (502 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	92 N/mm (525 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	97 N/mm (554 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	33 mm (1.3 in)
Riding sag	107 mm (4.21 in)
Fitted length	431 mm (16.97 in)
Shock absorber oil	Shock absorber oil (SAE 2.5) (50180342S1) (☛ p. 97)

Remaining screws, chassis	M5	4 Nm (3 lbf ft)	–
Screw, brake line on bottom triple clamp	M5	2 Nm (1.5 lbf ft)	–
Screw, foot brake pedal surface	M5	6 Nm (4.4 lbf ft)	Loctite® 243™
Screw, fuel tap on frame	M5	5 Nm (3.7 lbf ft)	–
Spoke nipple, front wheel	M5	5 Nm (3.7 lbf ft)	–
Spoke nipple, rear wheel	M5	5 Nm (3.7 lbf ft)	–
Remaining nuts, chassis	M6	10 Nm (7.4 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	–
Screw, battery holder on rear tank	M6	3 Nm (2.2 lbf ft)	–
Screw, bottom radiator bracket	M6	5 Nm (3.7 lbf ft)	–
Screw, compensating tank of rear brake	M6	5 Nm (3.7 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	Loctite® 243™
Screw, rear brake disc	M6	14 Nm (10.3 lbf ft)	Loctite® 243™
Screw, rear foot brake cylinder	M6	10 Nm (7.4 lbf ft)	Loctite® 243™
Screw, regulator-rectifier	M6	8 Nm (5.9 lbf ft)	Loctite® 243™
Screw, shock absorber adjusting ring	M6	5 Nm (3.7 lbf ft)	–
Screw, spring retainer for side stand	M6	10 Nm (7.4 lbf ft)	Loctite® 243™
Screw, starter cable on starter	M6	10 Nm (7.4 lbf ft)	–
Engine carrying screw	M8	30 Nm (22.1 lbf ft)	Loctite® 243™
Nut, rear sprocket screw	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Remaining nuts, chassis	M8	25 Nm (18.4 lbf ft)	–
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)	–
Screw, beam, engine support bracket	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, bottom triple clamp	M8	12 Nm (8.9 lbf ft)	–
Screw, foot brake pedal	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, fork stub	M8	15 Nm (11.1 lbf ft)	–
Screw, front brake caliper	M8	30 Nm (22.1 lbf ft)	Loctite® 243™
Screw, handlebar clamp	M8	16 Nm (11.8 lbf ft)	–
Screw, motor guard	M8	25 Nm (18.4 lbf ft)	–
Screw, rear tank fixing bracket	M8	20 Nm (14.8 lbf ft)	Loctite® 243™
Screw, reinforcement plate on rear tank, right and left	M8	25 Nm (18.4 lbf ft)	–
Screw, side stand bracket	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, steer tube	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, tension strut bearing	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, top steering stem	M8	20 Nm (14.8 lbf ft)	–
Screw, top triple clamp	M8	17 Nm (12.5 lbf ft)	–
Remaining nuts, chassis	M10	45 Nm (33.2 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)	–
Screw, bottom shock absorber	M10	45 Nm (33.2 lbf ft)	Loctite® 243™
Screw, handlebar support	M10	40 Nm (29.5 lbf ft)	Loctite® 243™
Screw, side stand	M10	35 Nm (25.8 lbf ft)	Loctite® 243™
Screw, top shock absorber	M10	45 Nm (33.2 lbf ft)	Loctite® 243™
Nut, swingarm pivot	M14x1.5	100 Nm (73.8 lbf ft)	–
Nut, triangular lever arm	M14x1.5	100 Nm (73.8 lbf ft)	–
Screw, top steering head	M20x1.5	12 Nm (8.9 lbf ft)	–
Screw, front wheel spindle	M24x1.5	40 Nm (29.5 lbf ft)	–
Nut, rear wheel spindle	M25x1.5	90 Nm (66.4 lbf ft)	–