

TECHNICAL SPECIFICATIONS - CHASSIS KTM 125 Sting '98

Frame	Central chrome-moly-steelframe	
Fork	Type	White Power Ø 41mm (1.6 in)
	Suspension travel	170 mm (6.7 in)
	Spring preload	15 mm (0.6 in)
	Oil capacity per fork leg / viscosity	330 ccm / SAE 5
Rear wheel suspension	Central shock absorber with PRO LEVER linkage to needle-bearing mounted aluminium swingarm	
Shock absorber	Type	Paioli MC56 (l=438 mm / 17.24 in))
	Suspension travel	280 mm (11 in)
	Spring preload	14 mm (± 10 mm) (0.55 in ± 0.4 in)
Front brake	Disk brake with perforated brake disk Ø 320 mm (12,6 in), 4-piston brake caliper	
Rear brake	Disk brake with perforated brake disk Ø 220 mm (8,7 in), brake caliper floated	
Tire front	110/70 - 17 54H	
Air pressure, driver only	1.8 bar (26 psi)	
Air pressure driver plus passenger	2.0 bar (29 psi)	
Tire rear	130/70 - 17 62H	
Air pressure, driver only	2.1 bar (31 psi)	
Air pressure driver plus passenger	2.3 bar (34 psi)	
Fuel tank capacity	8.5 liter (2.2 US gallons), of that 3.0 liter (0.8 US gallons) reserve	
Rear wheel transmission ratio	13:42 / 13:45	
Chain	O-ring ⁵ / ₈ x ¹ / ₄ "	
Battery	12V 3Ah maintenance free	
Lamps	low beam	HS1 12V 35/35W (socket Px43 t)
	high beam	HS1 12V 35/35W (socket Px43 t)
	parking light	12V 4W (socket W 2,1x9.5 d)
	cockpit lights	12V 1.2W (socket W 2x4.6 d)
	stop and tail light	12V 21/5W (socket BaY 15 d)
	flasher	12V 10W (socket Ba 15 s)
Steering head angle	63°	
Wheel base	1420 ±10 mm (55.9 in ±0.4 in)	
Seat high (unloaded)	840 mm (33.1 in)	
Ground clearance (unloaded)	250 mm (98 in)	
Weight with tank filled up	121 kg (268 lbs)	
Max. permissible front axle load	125 kg (278 lbs)	
Max. permissible rear axle load	225 kg (500 lbs)	
Max. permissible laden weight	350 kg (770 lbs)	

TORQUES

Collar screw front wheel spindle	M 10	40 Nm (30 ft.lbs)
Collar nut rear wheel spindle	M 20x1,5	80 Nm (59 ft.lbs)
Hexagon nut swingarm pivot	M 14x1,5	100 Nm (74 ft.lbs)
Clamp screws top triple clamp	M 8	15 Nm (11 ft.lbs)
Clamp screws bottom triple clamp	M 8	15 Nm (11 ft.lbs)
Hexagon nuts fork leg axle passage	M 8	7 Nm (5 ft.lbs)
AH screws front brake caliper	M10	40 Nm (30 ft.lb)
Other screws on chassis	M6	10 Nm (7 ft.lbs)
	M8	25 Nm (19 ft.lbs)
	M10	45 Nm (33 ft.lbs)