

TECHNICAL SPECIFICATIONS - CHASSIS 125 SX, EXC, EGS

	125 SX	125 EXC	125 EXC USA	125 EGS
Frame	Central chrome-moly-steel frame			
Fork	Marzocchi Magnum 45			
Wheel travel front/rear	300/340 mm (11,8/13,4 in)			
Rear suspension	Central shock absorber (Öhlins) with PRO-LEVER linkage to swingarm			
Front brake	Disc brake with carbon-steel brake disc Ø 260 mm (10,2 in), brake caliper floated			
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated			
Tyres front	80/100-21 51R MT18	90/90-21 54M MP11	80/100-21 51R MT18	90/90-21 54M MP11
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)	1,0 bar (14 psi)	-
Air press. road driver only	-	1,5 bar (21 psi)	1,5 bar (21 psi)	1,5 bar (21 psi)
Tyres rear	100/90-19 NHS MT18	120/90-18 65R MP11	100/100-19 NHS MT18	120/90-18 65R MP11
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)	1,0 bar (14 psi)	-
Air press. road driver only	-	2,0 bar (28 psi)	2,0 bar (28 psi)	2,0 bar (28 psi)
Fuel tank capacity	9 liter (2,4 gall)			
Final drive ratio	13:50t		13:45t / 13:40t	
Chain	5/8 x 1/4 "			
Steering angle	63°			
Wheel base	1430 ± 10 mm (56,3 ± 0,4 in)			
Seat high	950 mm (37,4 in)			
Ground clearance	380 mm (15 in)			
Dead-weight without fuel	90 kg (198,6 lbs)	94,5 kg (208,6 lbs)	99,5 kg (219,6 lbs)	
Max. permiss.front axle load			110 kg (242 lbs)	
Max.permiss.rear axle load			220 kg (484 lbs)	
Max.permiss.laden weight			310 kg (684,3 lbs)	

STANDARD ADJUSTMENT - FORK

	Marzocchi KTM61	Marzocchi KTM62		
Compression adjuster	7	7		
Rebound adjuster	7	7		
Spring	4,0 N/mm	4,5 N/mm		
Spring preload	10 mm	10 mm		
Air chamber length	135 mm (5,3 in)	135 mm (5,3 in)		
Capacity per fork leg	ca 600 cc	ca 600 cc		
Fork oil	SAE 7,5	SAE 7,5		

NOTE:

The damping units in the left and the right fork leg are of different design. Make sure not to mix them up in case of repair or service works.

STANDARD-ADJUSTMENT - SHOCK ABSORBER

	Öhlins KT612*	Öhlins KT613*		
Compression adjuster	15	15		
Rebound adjuster	18	17		
Spring	49-596-08-49	47-596-07-47		
Spring preload	12 mm	12 mm		

TORQUES

Collar screw front axle	M 10	50 Nm (37 ft..lb)
Collar nut rear axle	M 20x1,5	100 Nm (74 ft..lb)
Hexagon nut swing arm bolt	M 14x1,5	100 Nm (74 ft..lb)
Clamping screws upper fork bridge	M8	15 Nm (11 ft..lb)
Clamping screws lower fork bridge	M8	20 Nm (15 ft..lb)
Clamping screw fork stubs	M6	7 Nm (5 ft..lb)
Other screws on chassis	M 6	10 Nm (7 ft..lb)
	M 8	25 Nm (19 ft..lb)
	M 10	45 Nm (33 ft..lb)