

TECHNICAL SPECIFICATIONS CHASSIS 125 SX / EXC, 200 MXC / EXC '98

	125 SX	125 EXC	200 MXC	200 EXC
Frame	Central chrome-moly-steel frame			
Fork	Marzocchi Magnum 45			
Wheel travel front/rear	300/340 mm (11.8/13.4 in)			
Rear suspension	WP Progressive Damping System shock absorber, aluminium 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			
Front tires	80/100 - 21" 51M	90/90 - 21" 54R	80/100 - 21" 51M	90/90 - 21" 51R
Air pressure offroad	1.0 bar (14psi)	1,0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)
Air press. road driver only	-	1,5 bar (21psi)	-	1.5 bar (21psi)
Rear tires	110/90 - 19" 57M	120/90 - 18" 65R	100/100 - 18" 59M	120/90 - 18" 65R
Air pressure offroad	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)
Air press. road driver only	-	2.0 bar (28psi)	-	2.0 bar (28psi)
Fuel tank capacity	7.5 liter (2 US Gallons)	9 or 12 liter (2.4 or 3.2 US gallons)	9 liter (2.4 US gallons)	9 or 12 liter (2.4 or 3.2 US gallons)
Final drive ratio	13:50t	13:50t	14:50t	14:48t/14:50t
Chain	5/8 x 1/4 "			
Steering head angle	63°			
Wheel base	1455 ± 10 mm (57.3 ± 0.4 in)			
eat height, unloaded	925 mm (36.4 in)			
Ground clearance, unloaded	380 mm (15 in)			
Dead-weight without fuel	89,5 kg (197.6 lbs)	96 kg (212 lbs)	95 kg (209.7 lbs)	96 kg (212 lbs)

TORQUES		
Collar screw front wheel spindle	M 10	40 Nm (30 ft.lb)
Brake caliper front	M 8	25 Nm (19 ft.lb) + Loctite 242
Clamping screws upper fork bridge	M 8	15 Nm (11 ft.lb)
Clamping screws lower fork bridge	M 8	20 Nm (15 ft.lb)
Clamping screws fork stubs	M 6	7 Nm (5 ft.lb)
Collar nut rear wheel spindle	M 20x1.5	80 Nm (59 ft.lb)
Hexagon nut swing arm bolt	M 14x1.5	100 Nm (74 ft.lb)
Shock absorber top	M 12	60 Nm (44 ft.lb)
Shock absorber bottom	M 12	40 Nm (30 ft.lb)
Other screws on chassis	M 6	10 Nm (7 ft.lb)
	M 8	25 Nm (19 ft.lb)
	M1 0	45 Nm (33 ft.lb)

STANDARD-ADJUSTMENT - SHOCK ABSORBER		
	WP 12.18.S7.01	WP 12.18.S7.02
Compression adjuster	3	3
Rebound adjuster	8	13
Spring	80-250	76-250
Spring preload	4mm (0.16 in)	5 mm (0.2 in)

STANDARD ADJUSTMENT - FORK			
	Marzocchi 81	Marzocchi 82	Marzocchi 83
Compression adjuster	20	20	20
Rebound adjuster	20	20	20
Spring	4.5 N/mm	4.0 N/mm	4.5 N/mm
Spring preload	15 mm (0.6in)	10 mm (0.4in)	5 mm (0.2in)
Air chamber length	140 mm (5.5in)	140 mm (5.5in)	140 mm (5.5in)
Capacity per fork leg	approx. 600 ccm	approx. 600 ccm	approx. 600 ccm
Fork oil	SAE 7.5	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 jobs.