

## TECHNICAL SPECIFICATIONS CHASSIS 250 / 300 / 380 SX / MXC / EXC / EGS '99

	250/380SX	250/300/380 MXC	250/300/380 EXC	250/300/380 EGS
Frame	Central chrome-moly-steel frame			
Fork	WP Extreme Ø 50 mm			
Wheel travel front/rear	280 / 320 mm (11.0 / 12.6 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 -	80/100 - 21" 51M -	90/90 - 21" 54R 80/100 - 21" 51M	90/90 - 21" 54R -
Air pressure offroad	1.0 bar (14 psi)	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)
Rear tires	110/90 - 19" 62M -	110/100 - 18" 64M -	140/80 - 18" 70R 110/100 - 18" 64M	140/80 - 18" 70R -
Air pressure offroad	1.0 bar (14 psi)	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)
Fuel tank capacity	7.5 liter (2 US gallons)	12 liter (3.2 US gallons)	9.5 oder 12 liter (2.5 or 3.2 US gallons)	9.5 oder 12 liter (2.5 or 3.2 US gallons)
Final drive ratio	14:50t	14:52t	14:50t / 14:52t	14:50t / 15:48t
Chain	5/8 x 1/4"			
Available final sprockets	38t, 40t, 42t, 45t, 48t, 50t, 52t			
Steering head angle	63.5°			
Wheel base	1481 ± 10 mm (58.3 ± 0.4 in)			
Seat height, unloaded	925 mm (36.4 in)			
Ground clearance, unloaded	385 mm (15 in)			
Dead-weight without fuel	101 kg (223 lbs)	102.5 kg (226,3 lbs)	103.7 kg (229 lbs)	109 kg (240,6 lbs)

Standard adjustment - fork		
	WP 918T768	WP 918T769
Compression adjuster	12	12
Rebound adjuster	12	12
Spring	4,2 N/mm	4,0 N/mm
Spring preload	5 mm (0,2 in)	5 mm (0,2 in)
Air chamber length	150 mm (5,9 in)	155 mm (6.1 in)
Capacity per fork leg	approx. 750 ccm	approx. 750 ccm
Fork oil	SAE 5	SAE 5

Standard-adjustment - shock absorber		
	WP 1218T712	WP 1218T714
Compression adjuster	5	6
Rebound adjuster	14	12
Spring	PDS3-250	PDS2-250
Spring preload	5 mm (0.2 in)	6 mm (0.23 in)

**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.

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 8	15 Nm (11 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)
	M 10	45 Nm (33 ft.lb)