

## TECHNICAL SPECIFICATIONS - CHASSIS Mini 2001

	50 Mini Adventure	50 SX Junior / 50 JR Adventure	50 SX Senior / 50 SR Adventure
Frame	single downtube, split-cradle		
Fork	telescopic fork Paiolo Ø = 31,8 mm (1,25 in)		
Wheel travel front/rear	115/135 mm (4.5/5.3 in)	140/160 mm (5.5/6.3 in)	165/170mm (6.5/6.7 in)
Rear suspension	central shock absorber		
	Paioli MC24 (l = 248 mm / 9,75 in)	Paioli MC30 (l = 255 mm / 10 in)	Paioli MC30 (l = 275 mm / 10,8 in)
Front brake	internal expanding, single/cam drum brake Ø 90 mm (3.5")		
Rear brake	internal expanding, single/cam drum brake Ø 90 mm (3.5")		
Tyres	front / rear: Vee Rubber 2.50x10" VRM-140		
Air pressure	front / rear: 1.0 bar (14 psi) / 1.0 bar (14 psi)		
Fuel tank capacity	2.5 liter (0,66 USgal)		
Final drive ratio	11 : 45 t	10 : 45 t	10 : 45 t
Chain	1/2 x 3/16" (415) 94 rolls		1/2 x 3/16" (415) 102 rolls
Steering angle	63°		
Wheel base	895 mm (35.2 in)	910 mm (35.8 in)	1030 mm (40.5")
Seat height, unloaded	560 / 585 mm (22 / 23 in) (adjustable)	585 / 610 mm (23 / 24 in) (adjustable)	650 / 675 mm (25.6 / 26.6 in) (adjustable)
Ground clearance	205 mm (8 in)	230 mm (9.05 in)	255 mm (10 in)
Dead weight without fuel	39 kg (86 lbs)	39.5 kg (87.2 lbs)	40.5 kg (89.4 lbs)
Rider's body height	max. 130 cm (51 in)		
Rider's body weight	max 35 kg (78 lbs)		
Recommended age of rider	4 to 6 years		7 to 8 years
Engine	S5-E	S5-GS	S5-GS

### STANDARD-ADJUSTMENT – FORK

	50 Mini Adventure	50 SX Junior 50 JR Adventure	50 SX Senior 50 SR Adventure
Spring	2,55 N/mm	2,55 N/mm	2,55 N/mm
Spring preload	10 mm (0.4 in)	20 mm (0.8 in)	15 mm (0.6 in)
Capacity per fork leg	—	ca 150 ccm	ca 160 ccm
Fork oil	—	SAE 7.5	SAE 7.5

### TIGHTENING TORQUES

Hexagon nuts front axle	M12x1	30 Nm (22 ft.lb)
Hexagon nuts rear axle	M12x1	30 Nm (22 ft.lb)
Hexagon nut swing arm bolt	M10	20 Nm (15 ft.lb)
Clamping screw upper fork bridge	M8	15 Nm (11 ft.lb)
Clamping screw lower fork bridge	M8	15 Nm (11 ft.lb)
Other screws chassis	M6	10 Nm (7 ft.lb)
	M8	25 Nm (19 ft.lb)
	M10	45 Nm (33 ft.lb)