

TECHNICAL SPECIFICATIONS - CHASSIS 50 SX Pro Senior „LC“ 2001

	50 SX Pro Senior „LC“
Frame	single downtube, split-cradle
Fork	telescopic fork Marzocchi Ø = 31,8 mm (1,25 in)
Wheel travel front/rear	165/185 mm (6.5/7.3 in)
Rear suspension	central shock absorber Paioli MC30 RB (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: Pirelli 2.50-10 MT32a rear: Pirelli 2.50-10 MT320
Air pressure	front / rear: 1.0 bar (14 psi) / 1.0 bar (14 psi)
Fuel tank capacity	1,8 liter (0,48 USgal)
Final drive ratio	11 : 48 t
Chain	1/2 x 3/16" (415) 104 rolls
Steering angle	63°
Wheel base	1030 mm (40.5")
Seat height, unloaded	650 / 675 mm (25.6 / 26.6 in) (adjustable)
Ground clearance	255 mm (10 in)
Dead weight without fuel	40 kg (88.3 lbs)
Rider's body height	max. 130 cm (51 in)
Rider's body weight	max 35 kg (78 lbs)
Recommended age of rider	7 to 8 years
Engine	Beta 50 MCH

STANDARD-ADJUSTMENT - FORK

	50 SX Pro Senior „LC“
Spring	2,0 N/mm
Preload bushing - length	105 mm (4.1 in)
Fork oil	SAE 7.5
Air chamber length	115 mm (4,5 in)

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)
Screws handlebar clamp	M8	20 Nm (15 ft.lb)
Shock absorber top / bottom	M10	45 Nm (33 ft.lb)
Other screws chassis	M5	6 Nm (4,5ft.lb)
	M6	10 Nm (7 ft.lb)
	M8	25 Nm (19 ft.lb)
	M10	45 Nm (33 ft.lb)