

TECHNICAL SPECIFICATIONS - CHASSIS 400/620 SX, Super Competition, RXC, EGS

	620 SX	400/620 SC	400/620 RXC	400/620 EGS
Frame	Central chrome-moly-steel frame			
Fork	Marzocchi Magnum 45 or WP-Up Side Down Topadjuster 4054 IBS			
Wheel travel front/rear	300/320 mm (11,8/12,6 in)			400: 280/300 mm (11/11,8 in) 620: 300/320 mm (11,8/12,6 in)
Rear suspension	Central shock absorber (WP or Öhlins) with PRO-LEVER linkage to rear-swing-arm with needle bearing			
Front brake	Disc brake with carbon-steel brake disc, brake caliper floated brake disc Ø: SX, SC, RXC, EGS Australia = 260 mm (10,2 in) EGS = 300 mm (11,8 in)			
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated			
Tyres front	90/90-21	90/90-21	90/90-21	90/90-21 54S
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)	1,0 bar (14 psi)	1,5 bar (21 psi)
Air press. road, driver only		1,5 bar (21 psi)	1,5 bar (21 psi)	2,0 bar (28 psi)
Air press. road with passenger			2,0 bar (28 psi)	2,0 bar (28 psi)
Tyres rear	130/70-19	140/80-18 70R	140/80-18 70R	130/80-18 66S
Air pressure offroad	1,2 bar (17 psi)	1,2 bar (17 psi)	1,2 bar (17 psi)	2,0 bar (28 psi)
Air press. road, driver only		2,0 bar (28 psi)	2,0 bar (28 psi)	2,2 bar (31 psi)
Air press. road with passenger			2,2 bar (31 psi)	2,2 bar (31 psi)
Fuel tank capacity	9 liter (3 US gallons) of that 1,5 liter (0,4 US gallons) reserve			11,3 or 20 liter (3 or 5,3 US gallons) of that 1,5 liter (0,4 US gallons) res
Final drive ratio	16:40, 15:40, 16:45, 15:45, 15:50, 14:50			
Chain	$\frac{5}{8} \times \frac{1}{4}$ "			
Steering angle	62,5°			
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)			
Seat high	940 mm (37 in)			400: 910 mm (35,8 in) 620: 940 mm (37 in)
Ground clearance	350 mm (13,8 in)			400: 330 mm (13 in) 620: 350 mm (13,8 in)
Dead weight without fuel	115 kg (254 lbs)	400: 121 kg (267 lbs) 620: 122 kg (269 lbs)	400: 131 kg (289 lbs) 620: 133 kg (293 lbs)	400: 131 kg (289 lbs) 620: 133 kg (293 lbs)
Max. permissible front axle load			211 kg (466 lbs)	211 kg (466 lbs)
Max. permissible rear axle load			335 kg (737 lbs)	335 kg (737 lbs)
Max. permissible laden weight			350 kg (770 lbs)	350 kg (770 lbs)

STANDARD ADJUSTMENT - FORK					
	KTM 63	KTM 64	K4T96L	K4T96K3	K4T96L3
Compression adjuster	7	7	10	10	10
Rebound adjuster	7	7	14	14	14
Spring	4,8 N/mm	5,0 N/mm	4,4 N/mm	4,4 N/mm	4,4 N/mm
Spring preload	10 mm	15 mm	10 mm	10 mm	10 mm
Air chamber length	135 mm	155 mm	130 mm	130 mm	130 mm
Capacity per fork leg	ca 600 ccm	ca 600 ccm	ca 500 ccm	ca 500 ccm	ca 500 ccm
Fork oil	SAE 7,5	SAE 7,5	SAE 5	SAE 5	SAE 5

NOTE FOR MARZOCCHI AND WHITE POWER FORKS:
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					
	K660*	K661*	K4T96L	K4T96K	K4T96S
Compression adjuster	15	15	3	3	3
Rebound adjuster	16	17	4	4	4
Spring	63-596-15-63	59-596-13-59	63/260	63/260	66/260
Spring preload	16 mm	20 mm	23 mm	23 mm	23 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)
Hex. nut swing arm bolt	M 14x1,5	100 Nm	(74 ft.lb)
Clamping screw upper fork bridge	M 8	15 Nm	(11 ft.lb)
Clamping screw lower fork bridge	M 8	15 Nm	(11 ft.lb)
Clamping screws fork stubs	M 7	7 Nm	(5 ft.lb)
Other screws chassis	M6 M8 M10	10 Nm 25 Nm 45 Nm	(7 ft.lb) (19 ft.lb) (33 ft.lb)