

# TECHNICAL SPECIFICATIONS - CHASSIS 400/620 SC, 620 SC SUPERMOTO 2000

	400 SC	620 SC	620 SC SUPERMOTO
Frame	Central chrome-moly-steel frame		
Fork	White Power – Up Side Down 43		
Wheel travel front/rear	295 / 320 mm (11,6 / 12,6 in)		
Rear suspension	Central shock absorber (WP) with PRO-LEVER linkage to rear-swingarm with needle bearing		
Front brake	Disc brake with carbon-steel brake disc, brake caliper floated		
Brake Disk	Ø 260 mm (10,2 in)		Ø 320 mm (12,6 in)
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated		
Tyres front	90/90-21		120/70-17
Air pressure offroad	1,0 bar (14 psi)		-
Air press. road, driver only	1,5 bar (21 psi)		2,0 bar (28 psi)
Tyres rear	140/80-18		160/60-17
Air pressure offroad	1,2 bar (17 psi)		-
Air press. road, driver only	2,0 bar (28 psi)		2,2 bar (32 psi)
Fuel tank capacity	9 liter (2,38 US gallons) of that 2,5 liter (0,66 US gallons) reserve		
Final drive ratio	16:48	16:40	17:38
Chain	5/8 x 1/4 " O-Ring		
Steering angle	62,5°		
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)		
Seat high	940 mm (37 in)		920 mm (36 in)
Ground clearance	375 mm (14,8 in)		355 mm (14 in)
Dead weight without fuel	122 kg (269 lbs)		123 kg (271 lbs)

## STANDARD ADJUSTMENT - FORK

	WP 0518U782
Compression adjuster	14
Rebound adjuster	14
Spring	4,2 N/mm
Spring preload	7 mm (0,0,4 in)
Air chamber length	120 mm (5,1 in)
Capacity per fork leg	ca 450 ccm
Fork oil	SAE5

## STANDARD-ADJUSTMENT - SHOCK ABSORBER

	WP 0118T705
Compression adjuster	3
Rebound adjuster	5
Spring	63 / 260
Spring preload	23 mm (0,9 in)

## TORQUES

Collar nut front axle	M16x1,5	40Nm (30 ft.lb)
Brake caliper front	M8	25Nm (18 ft.lb) + Loctite 242
Collar nut rear axle	M20x1,5	80Nm (59 ft.lb)
Hex. nut swing arm bolt	M14x1,5	100Nm (74 ft.lb)
Clamping screw top triple clamp	M8	20Nm (15 ft.lb)
Clamping screw bottom triple clamp	M8	15Nm (11 ft.lb)
Clamping screws fork leg axle passage	M8	10Nm (7 ft.lb)
Collar screw handlebar clamp	M8	20Nm (15 ft.lb) + Loctite 242
Allan head screw handlebar support	M10	40Nm (30 ft.lb) + Loctite 242
Collar nut connecting rod pro lever system	M12x1,75	60Nm (44 ft.lb)

## TORQUES

Collar screw brake discs front/rear	M6	15Nm (11 ft.lb) + Loctite 242
Other screws chassis	M6	10Nm (7 ft.lb)
	M8	25Nm (18 ft.lb)
	M10	45Nm (33 ft.lb)
Self locking nut rear sprocket	M8	35Nm (26 ft.lb) + Loctite 242
Ball joint for push rod rear brake cylinder	M6	10Nm (7 ft.lb) + Loctite 242
Other collar nuts chassis	M6	15Nm (11 ft.lb)
	M8	30Nm (22 ft.lb)
	M10	50Nm (37 ft.lb)