

## TECHNICAL SPECIFICATIONS – CHASSIS 85 SX 2004

Frame	Central chrome-moly-steel frame	
Fork	telescopic fork White Power 43 MXMA	
Wheel travel front/rear	275 mm / 300 mm	
Rear suspension	WP PDS 4618 (Progressive Damping System) shock absorber	
Front brake	Disc brake Ø 220 mm, 4 piston	
Rear brake	Disc brake Ø 200 mm, 4 piston	
Tires front	70/100-17" Pirelli MT 32A	70/100-19" Pirelli MT 32A
Tires rear	90/100-14" Pirelli MT 320	90/100-16" Pirelli MT 320
Air pressure	1.0 bar	
Fuel tank capacity	5.1 liter	
Final drive ratio	14 : 46 t	14 : 49 t
Chain	1/2 x 5/16" 122 rolls	
Steering angle	66 °	
Wheel base	1278 mm	
Seat height, unloaded	865 mm	900 mm
Ground clearance	385 mm	415 mm
Dead weight without fuel	66 kg	68 kg
Rider's body weight	max. 70 kg	
Recommended age of rider	10 to 15 years	
Engine	CR-85	

### STANDARD ADJUSTMENT – FORK

	WP 4357 MXMA 0518Y740
Compression adjuster	34
Rebound adjuster	30
Spring	3 N/mm
Spring preload	6 mm
Air chamber length	100 mm
Fork oil	SAE 5

### STANDARD ADJUSTMENT - SHOCK ABSORBER

	WP 4618 PDS-DCC WP 1518Y706
Compression adjuster	28 LS (low speed) 2 HS (high speed)
Rebound adjuster	30
Spring	40-215
Spring preload	4 mm

### TIGHTENING TORQUES - CHASSIS

Hexagon bolt - brake caliper front	M 8	Loctite 243 + 25 Nm
Allan head screw - brake caliper rear	M 6	5 Nm
Flat head bolt - brake discs	M6	Loctite 243 + 10 Nm
Hexagon nut - front wheel spindle	M 10x1.5	30 Nm
Hexagon nut - rear wheel spindle	M 20x1.5	80 Nm
Hexagon nut - swingarm bolt	M 14/M16x1.5	100 Nm
Clamping bolts - top triple clamp	M 8	20 Nm
Clamping bolts - bottom triple clamp	M 8	15 Nm
Bolt - handlebar clamp	M 8	20 Nm
Spoke nipple	M 4,5/M5	5 Nm
Other chassis bolts	M 6	10 Nm
	M 8	25 Nm
	M 10	45 Nm