

ENGINE »

Engine type	Single cylinder, 4-stroke
Displacement	654 cc
Bore x stroke	102 / 80 mm (4.02 / 3.15")
Performance (homologated)	46.3 kW / 7500 rpm
Max. torque	64 Nm / 6000 rpm
Compression ratio	11.8:1
Starter/Battery	E-Starter / 12 V 8.6 Ah
Transmission	6 gears, dog clutch engagement
Fuel Mixture Generation	Keihin EMS with EPT (Electr. Power Throttle)
Control	4 V / OHC with roller rocker arms
Lubrication	Pressure lubrication with 2 Eaton pumps
Engine lubrication	Motorex, fully synthetic, SAE 10W-60
Primary drive	36:79
Final drive	15:45
Cooling	Liquid cooled
Clutch	APTC slipper clutch, hydraulically operated
Motor Management	Keihin EMS with EPT (Electr. Power Throttle)

CHASSIS »

Frame	Chromium-Molybdenum trellis frame, powder coated
Subframe	Self-supporting plastic tank
Handlebar	Aluminium Ø 28 / 22 mm (1.10 / 0.87"), tapered
Front suspension	WP USD Ø 48 mm (1.89")
Rear suspension	WP mono shock with Pro Lever Linkage
Suspension travel front/rear	250 / 250 mm (9.84 / 9.84")
Front brake	Brembo two piston, floating caliper, brake disc Ø 300 mm
Rear brake	Brembo single piston, floating caliper, brake disc Ø 240 mm
Rims, front/rear	Spoked wheels with aluminium rims 1.85 x 21" / 2.50 x 18"
Tires, front/rear	90/90-21"; 140/80-18"
Chain	X-ring chain 5/8 x 1/4"
Main silencer	Stainless steel silencer with regulated catalytic converter
Steering head angle	63°
Trail	115 mm (4.53")
Wheel base	1498 ± 15 mm (58.98 ± 0.59")
Ground clearance (unloaded)	300 mm (11.81")
Seat height	910 mm (35.83")
Tank capacity	approx. 12 liters (3.17 gal) / 2.5 liters reserve (0.66 gal)
Weight (no fuel)	approx. 138.5 kg (305.4 lbs)