

technical specifications **aprilia**

Model: TUONO 1000 R FACTORY

Engine: V60 Magnesium. Longitudinal 60° V twin four stroke. Liquid cooling with three-way pressurised circuit. Double overhead cams, mixed gear/chain timing drive, four valves per cylinder. Patented AVDC. 95 RON unleaded petrol. 997.62 cc.

Bore and stroke: 97 x 67.5 mm.

Compression: 11.8:1.

Max power: 102 kW (139 HP) at 9,500 rpm.

Max torque: 10.9 kgm (107 Nm) at 8,500 rpm.

Fuel system: Integrated electronic engine management system. Indirect multi-point electronic fuel injection. 57 mm diameter throttle bodies. 10.3 litre airbox with Air Runner ram air intake.

Ignition: Digital electronic ignition, integrated with the fuel injection system. One spark plug per cylinder.

Starting: Electric starter.

Exhaust: Two silencers with three way catalytic converter and lambda probe oxygen sensor (Euro 3).

Generator: 12 V – 500 W.

Lubrication: Dry sump with separate oil reservoir. Double trochoid pump with oil cooler. Steel oil reservoir.

Gearbox: 6 speed

Clutch: Multiple disc in oil bath with patented PPC power-assisted hydraulic control. Metal braided clutch hose. Radial master cylinder.

Primary drive : Spur gears. Transmission ratio: 60/31 (1.935:1). Chain Ratio 16/40

Frame: Box section sloping twin-spar frame in aluminium alloy.

Front susp: Öhlins Racing 43 mm upside-down fork with adjustment for spring preload, compression and rebound damping. 120 mm travel.

Rear susp: Aluminium alloy double member swingarm. APS (Aprilia Progressive System) rising rate linkages. Öhlins Racing piggy-back monoshock with adjustment for spring preload, compression and rebound damping. Wheel travel 133 mm.

Brakes: Front: Brembo double floating disc in stainless steel, Ø 320 mm. Brembo radial calipers with four 34 mm pistons and four sintered pads. Metal braided brake hose. Rear: Brembo stainless steel disc, Ø 220 mm. Single caliper with two 32 mm pistons.

Wheels: Forged, in aluminium alloy. Front: 3.50 x 17" Rear: 6.00 x 17".

Tyres: Radial tubeless. Front: 120/70 ZR 17. Rear: 180/55 ZR 17 (alternatives: 190/50 ZR 17 and 190/55).

Dimensions: Seat height: 810 mm Handlebar height: 1,020 mm at bar ends Wheelbase: 1,410 mm Trail: 103.7 mm Steering rake angle: 25°

Dry weight: 181 kg dry

Tank: Capacity 18 litres, 4 litre reserve.

END OF DOCUMENT – 16th January 2007