

technical specifications **aprilia**

Model:	TUONO 1000 R
Engine:	V60 Magnesium Evolution. 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 injection. 57 mm diameter throttle bodies.
Ignition:	Digital electronic ignition, integrated with the injection control 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 braid clutch line. Radial master cylinder.
Frame:	Box section sloping twin-spar frame in aluminium alloy.
Front susp:	Showa 43 mm upside-down fork with adjustment for spring preload, compression and rebound damping. 120 mm wheel travel.
Rear susp:	Aluminium alloy double banana swingarm. APS (Aprilia Progressive System) rising rate linkages. Sachs hydraulic monoshock with adjustment for spring preload and rebound damping. Wheel travel 133 mm.
Brakes:	Front: Brembo double floating disc in stainless steel, Ø 320 mm. Brembo triple bridge caliper with four 34 mm pistons and four sintered pads. Metal braided brake line. Rear: Brembo stainless steel disc, Ø 220 mm. Twin piston calliper, 32 mm diameter pistons, sintered pads. Metal braided brake line.
Wheels:	Aluminium alloy. Front: 3.50 x 17" Rear: 6.00 x 17".
Tyres:	Radial tubeless. Front: 120/70 ZR 17. Rear: 190/50 ZR 17 (alternative: 180/55 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 angle: 25°
Dry weight:	185 kg
Tank:	Capacity 18 litres, 4 litre reserve.