

APRILIA 850 Mana**Technical specifications**

Engine	Aprilia 90° longitudinal V twin four stroke. Liquid cooled. Single overhead cam with chain drive, four valves per cylinder
Fuel	Unleaded petrol
Bore x stroke	88 x 69 mm
Total displacement	839.3 cc
Compression ratio	10:1
Maximum power at crank	56 kW (76.1 HP) at 8,000 rpm
Maximum torque at crank	7.45 kgm (73 Nm) at 5,000 rpm
Fuel system	Integrated engine management system. Weber Marelli electronic fuel injection with one 38 mm throttle body
Ignition	Digital electronic ignition, with two spark plugs per cylinder, integrated with fuel injection system
Starting	Electric.
Exhaust	Two in one system in 100% stainless steel with three-way catalytic converter and Lambda probe
Generator	450 W at 6000 rpm
Lubrication	Dry sump with separate oil reservoir
Gearbox	Sequential with manual or automatic mode selectable by the user. 7 ratios in manual mode. 3 mappings (Touring, Sport, Rain) in automatic mode. Gear change by pedal or handlebar control. The user can switch from automatic to sequential mode at any moment.
Clutch	Automatic
Primary drive	Belt
Final drive	Chain
Frame	High strength steel trellis
Front suspension	43 mm upside-down fork. Wheel travel: 120 mm.
Rear suspension	Aluminium alloy single-piece swingarm. Hydraulic shock absorber adjustable in spring preload and rebound damping. Wheel travel: 125 mm
Brakes	Front: double stainless steel floating disc (Ø 320 mm). Radial calipers with four pistons Rear: stainless steel disc (Ø 260 mm). Single piston caliper
Wheels	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
Dimensions	Overall length: 2080 mm

	Overall width: 800 mm (at handlebars) Overall height: 1130 mm Seat height: 800 mm Wheelbase: 1463 mm Trail: 103 mm Rake angle: 24°
Tank capacity	16 litres