

Technical Specifications



NA 850 Mana

Engine	Aprilia Four stroke longitudinal 90° V twin. Liquid cooling. 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	10.5 : 1
Maximum power at the crank	55.1 kW (75 HP) at 7250 rpm.
Maximum torque at the crank	7.79 kgm (76.5 Nm) at 8000 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 maps (Touring, Sport, Rain) in automatic mode. Gear change by pedal or handlebar command.
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: steel disk (Ø 240 mm). Single piston caliper.
Wheels / Tyres	In aluminium alloy Front: 3.50 X 17 / 120/70 ZR 17 Rear: 6.00 X 17 / 180/55 ZR 17
Dimensions	L x W x H 2080 mm; 800 mm (at handlebars); 1130 mm Seat height: 800 mm Wheelbase: 1463 mm Rake / Trail: 24° / 103 mm
Tank capacity	16 litres

Technical specifications are correct at time of printing, and are subject to change without notice.