

Mana 850 GT ABS

aprilia



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Technical sheet

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Motorcycles

Engine: Aprilia longitudinal 90° V-twin engine, 4 stroke, liquid cooled, single overhead cam with chain drive, four valves per cylinder.

Fuel: Unleaded fuel

Bore x Stroke: 88 x 69 mm

Total displacement: 839,3 cc

Compression ratio: 10:1

Maximum power at the crank: 56 kW (76.1 cv) a 8.000 rpm.

Maximum torque at the crank: 7,45 kgm (73 Nm) a 5.000 rpm.

Fuel system: Integrated electronic engine management system. Weber Marelli electronic injection with 38-mm throttle body.

Ignition: Digital electronic, with two spark plugs per cylinder, integrated with fuel injection system.

Starting: Electric.

Exhaust: 2 into 1 exhaust system in 100% stainless steel with three-way catalytic converter and lambda probe.

Generator: 450 W a 6000 rpm.

Lubrication: Dry sump system with separate oil tank.

Gear box: Sequential with manual or automatic mode selectable by the user. 7 ratios in manual mode. 3 mappings (Touring – Sport - Rain) in Autodrive mode. Gear change by pedal or handlebar control. The user can switch from automatic to sequential mode and vice versa at any time.

Clutch: Automatic.

Primary drive: Belt.

Final drive: Chain.

Frame: High-strength steel trellis.

Front suspension: Upside-down fork, \pm 43 mm stanchions. Wheel travel 120 mm.

Rear suspension: Single- piece aluminium alloy swingarm.

Shock absorbers: shock absorber with adjustable spring preload and rebound damping. Wheel travel 125 mm.

Brakes: Front: dual \pm 320 mm diam. stainless steel floating discs. Radial calipers with four pistons. Rear: \pm 260 mm stainless steel disc. Single piston caliper. 2-channel Continental ABS system.

Wheels: Aluminium alloy Front: 3.50 X 17" Rear: 6.00 x 17"

Tyres: Radials tubeless front: 120/70 ZR 17 rear: 180/55 ZR 17

Dimensions: Max. length 2,080 mm Max. width 800 mm (at handlebar) Max. height 1,270 mm (1,320 mm at rear-view mirrors) Saddle height 800 mm Wheelbase 1,463 mm Trail 101 mm Steering angle 24°

Fuel tank capacity: 16 litres.