



TECHNICAL SPECIFICATIONS

ENGINE TYPE	Aprilia V90 four-stroke longitudinal 90° V-twin engine, liquid cooled, double overhead camshaft with mixed gear/chain timing system, four valves per cylinder
FUEL	Unleaded petrol
BORE AND STROKE	106 x 67.8
COMPRESSION RATIO	12.0 ± 0.5 : 1
MAX.POWER AT CRANKSHAFT	130 HP (96 kW) at 8,700 rpm
MAX.TORQUE AT CRANKSHAFT	11.7 kgm (115 Nm) at 7,200 rpm
FUEL SYSTEM	Integrated engine management system. Injection with triple map Ride by Wire throttle management: Sport (S), Touring (T), Rain (R)
IGNITION	Digital electronic ignition integrated with injection system
STARTER	Electric
EXHAUST	100% stainless steel 2-in-2 exhaust system with dual catalytic converters and oxygen sensor
ALTERNATOR	450 W/6000 rpm
LUBRICATION	Wet sump
TRANSMISSION	6 speeds, drive ratio: 14/36, 17/32, 20/30, 22/28, 23/26, 24/25
CLUTCH	Multiplate wet clutch, hydraulically operated
PRIMARY DRIVE	Straight cut gears, drive ratio: 40/69
SECONDARY DRIVE	Chain. Drive ratio: 16/40
FRAME	Modular tubular steel frame fastened to aluminium side plates by high strength bolts. Removable aluminium rear subframe
FRONT SUSPENSION	Æ 43 mm Sachs upside-down front fork with fully adjustable compression and rebound damping and spring preload. Wheel travel 160 mm.
REAR SUSPENSION	Aluminium alloy swingarm Piggy-back design Sachs hydraulic shock absorber with fully adjustable compression and rebound damping and spring preload. Wheel travel 155 mm.
BRAKES	Front: Dual Æ 320 mm stainless steel floating discs. Brembo four-piston radial callipers. Metal braided brake pipe. Rear: Æ 240 mm stainless steel disc. Single piston Brembo calliper. Metal braided brake hose. Two channel Continental ABS with Aprilia Traction Control (ATC)
WHEEL RIMS	Lightweight aluminium alloy with three split spokes Front: 3.50 X 17" Rear: 6.00 x 17"
TYRES	Radial tubeless tyres; Front: 120/70 ZR 17; rear: 180/55 ZR 17 Max. length 2248 mm Max. width 925 mm (at outer edges of hand guards) Max. height 1205 mm (at instrument panel brow)
DIMENSIONS	Saddle height 870 mm Wheelbase 1528 mm Trail 118 mm Steering angle 27.3°
TANK	15 litres (including 3.5 litre reserve)