

CAPONORD 1200 RALLY

Technical chart

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 mm
Total engine capacity	1197 cc
Compression ratio	12.0 ± 0.5: 1
Maximum power at crankshaft	125 HP (92 kW) at 8,000 rpm
Maximum torque at crankshaft	11.7 kgm at 6,800 rpm
Fuel system	Integrated engine management system. Injection with two injectors per cylinder and Ride-by-Wire throttle control with three maps: Sport (S), Touring (T), Rain (R)
Ignition	Magneti Marelli 7SM twin spark electronic ignition integrated with injection system
Starter	Electric
Exhaust	100% stainless steel 2-in-1 exhaust system with catalytic converter and double oxygen sensor
Alternator	690 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: 17/42
Chassis	Modular tubular steel frame fastened to aluminium side plates by high strength bolts. Removable steel rear subframe
Front suspension	Fully adjustable front Sachs 43 mm upside-down fork. Hydraulic brake electronically managed in rebound and compression with aDD (Aprilia Dynamic Damping)
Rear suspension	Aluminium alloy swingarm Sachs dynamic rear monoshock absorber. Spring preload and hydraulic brake electronically managed in rebound and compression with aDD (Aprilia Dynamic Damping)
Brakes	Front: Dual Ø320 mm stainless steel floating discs. Ø32 mm Brembo M432 monoblock four-piston radial callipers. Metal braided brake hoses. Rear: Ø240 mm stainless steel disc. Brembo Ø34 mm single piston calliper. Metal braided brake hose. Continental two channel ABS system and Aprilia Traction Control (aTC).
Wheel rims	Spoked wheels
Tyres	Front: 3.00 X 19" Rear: 4.50 x 17"
Dimensions	Radial tubeless tyres; Front: 120/70-R19; rear: 170/60-R17
Tank	Steering angle 27.4° 24 litres (including 5 litre reserve)