



Engine	Type single-cylinder, two-stroke, liquid-cooled. Light alloy cylinder with Gilnisil superficial coating, reed valve induction, balance countershaft
Bore and Stroke	40.3 x 39 mm.
Displacement	49.7 cc
Compression Ratio	12 ± 0,5:1
Carburettor	Dell'Orto PHBN12 - HS
Ignition	electronic with capacitive discharge
Start-up	electric
Generator	12V-105W
Lubrication	separate mixing, with variable capacity pump
Clutch	multidisc in light alloy oil bathed
Gearbox	6 speeds
Primary transmission	helicoidal tooth gear
Secondary transmission	chain
Frame	double bearing beams in hight resistance steel double sloping beam in aluminium fusion with thin-walled monocoque and crossed-rib stiffening completely polished
Suspensions	front: telehydraulic fork with central pin Ø 35 mm., travel 110 mm. rear: high resistance steel swinging arm with hydraulic single shock absorber, travel 120 mm.
Brakes	front: steel single disc Ø 280 mm, caliper with two pistons Ø 25 mm rear: steel single disc Ø 220 mm, caliper with single piston Ø 28 mm
Tyres	radial tubeless; front: 90/80 ZR 17"; rear: 110/80 ZR 17"
Rims	in light alloy, 5 spokes, profiled for tubeless tyres; front 2.50 x 17"; rear; 3.00 x 17"
Dimensions	max length 1920 mm max width 675 mm max height 1155 mm wheel base 1280 mm saddle height 810 mm
Fuel tank	Capacity 13 litres (reserve 2.6 litres)
Specifications refer to the italian market.	

RS 50 is a "Whole vehicle type approved" (92/61/EEC) in conformity with pollution and noise "EURO 1" limits (directives 97/24/EC chapters 5 and 9).

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Drive safely always wearing a helmet and protective clothing. Observe the laws of the road and respect the environment. Carefully read the owners' handbook. Photographs, technical data, specifications and colours shown in this brochure refer to the Italian market version and may be subject to change without prior notice. Ask your official Aprilia dealers for full details. In order to maintain your machine in a safe and efficient manner, always demand official Aprilia Spare Parts, which are guaranteed by Aprilia Quality Service in respect of current legislation. E & O E.

aprilia recommends



aprilia

RS 50
racing replica

www.aprilia.com



||||| RACINGDNA



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> **SILENCER**

Perfectly integrated into the aerodynamic lines of the bike, the RS 50 exhaust with catalytic converter makes the sporty performance even more brilliant and clean, in full respect of Euro 1 pollution abatement standards.

> **GRAND PRIX LOOK**

Of course, the RS 50 has the same unmistakable Grand Prix bike livery.

SBK REPLICA

aprilia black
diablo black

GP 1 REPLICA

diablo black
strained silver

> **BRAKING SYSTEM**

Real bike enthusiasts know how important safety is. The front and rear disc brakes on the Rs 50 always ensure you of prompt, precise and efficient braking, thanks to the new pumps with increased diameter and to the new front caliper with double piston.

> **ALUMINIUM FRAME**

The Rs 50 is the first "mass produced" 50cc bike to be equipped with a die-cast aluminium frame, just like racing bikes! From Aprilia experience, acquired directly on the World Championship circuits, comes a solution that means unrivalled light weight and performance in all conditions.

RACINGDNA

HERE YOU ARE IN FRONT OF THE RS 50: YOU ARE CAPTIVATED AT FIRST SIGHT ... BUT IS IT REALLY A 50CC BIKE?

TAKE A GOOD LOOK AT IT: EVERY TECHNICAL COMPONENT EXPRESSES THE SAME D.N.A. AS A RACING BIKE, STARTING FROM THE ALUMINIUM FRAME, DIRECTLY DERIVED FROM RACING VERSIONS, TO GIVE YOU EXCLUSIVE, WINNING PERFORMANCE EVERY DAY.

YES, YOU'VE REALLY GOT THE MESSAGE: THE RS 50 NOT ONLY HAS THE IRRESISTIBLE "LOOK" OF A GRAND PRIX BIKE. ITS EXCEPTIONAL AERODYNAMIC LINE HAS BEEN PREPARED IN THE WIND TUNNEL, WHILE ITS TECHNOLOGY ACHIEVES A LEVEL NEVER SEEN BEFORE IN THIS DISPLACEMENT.

IT IS NOT EASY TO DESCRIBE THE THRILL OF RIDING IT, BUT IF YOU HAVE TAKEN A CLOSE LOOK YOU HAVE ALREADY UNDERSTOOD THE TEMPERAMENT THAT IT DEMANDS OF ITS RIDER.

<<< REPLICAS GP-1

> GET SET, GO!

The Rs 50 faithfully represents all the typical sensations of great competitions: in the dashboard, clearly inspired by racing bikes, and in the aluminium levers of the six-speed gearbox and the brake lever, with their exclusive, ergonomic design.



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REPLICAS SBK >>>



