

Introduction

Over the last few years the 50cc scooter segment in Europe's two-wheeler market has enjoyed an exceptional growth. This provokes manufacturers to market more exciting new models year after year. Increasingly, scooters are becoming the 'in vogue' form of transportation, especially in the narrow, crowded streets of Europe's cities where parking space is at a premium and where everyday transportation - traditionally by car - often turns into a frustrating, time-consuming chore. Add all the advantages of riding a

scooter - exceptionally low running costs, incomparable ease of use, the fact that they can be easily ridden by both men and women in casual or business dress - and it is apparent why scooters have become one of Europe's preferred forms of transportation, especially in the warmer region of the Mediterranean. For 1998, Honda presents the new SXR, a scooter based on Honda's popular off-road models from the XR-series. It boasts the striking tricolour graphics and colouring scheme that have become indis-

putably Honda. Adding to the well-known red and white colour version, the black graphics capture the look of Honda's racing champions. With its new bodywork and accessories - the new wide off-road tyres are mounted on newly designed cast wheels - the new SXR is certain to set a new trend in the scooter world and propagate Honda's two-wheeled legend even further, while attracting new riders to the sport by spreading the word that this is the smartest and most trendy off-road scooter around.



Design Concept

The new SXR underscores its distinctive body design by combining highly compact body size with sporty aerodynamics. The front cowl, slim and sleek, boasts a sharply slanted nose that focusses all attention to the dual-spot headlight, intentionally recalling the unique style of Honda's famous and adventurous off-road bike, the XR Baja. The SXR comes equipped with a clear and easy-to-read enduro-type instrument panel, featuring a speedometer, an electronic fuel gauge, oil lamp and indicator lights, that is seamlessly integrated in the upper handlebar headlight. Large plastic knuckle guards accentuate this rough and rugged image even more.

The legroom is spacious enough to allow riders to move more freely

while foot space is also maximized for a more neutral and comfortable riding position. A spacious floor board provides optimal freedom for most riders, while perfectly protecting him or her from spurting water, dirt and debris.

Its long, wide seat is plushly upholstered in a supple material that offers maximum riding comfort for riders of nearly all sizes and shapes. The seat can be tilted up to reveal a 20-litre Met-In compartment large enough to store a full-face helmet or quite a supply of essentials for work and/or play. A convenient shopping bag hook is mounted on the inner panel, enhancing the SXR's carrying capacity even more. A large tubular headlight protector emphasizes the compelling sturdy

looks and muscular lines of the SXR's midsection even more. The upturned end of the body's tail section sweeps back to encase a large, stylish, dual cylindrical tail-light that points straight back to project the eye-catching image of Honda's high-performance models.

In-line with its off-road bikes, the SXR features a large plastic front disc brake protector to avoid flying debris to interfere with optimal braking performance. And to complement its ease of use, a sturdy tubular rear carrier is fitted in line with its image of the 'adventure enduro' among the scooters.

Colours

- Black
- Ross White

Engine

The driving force behind the SXR is a responsive and highly reliable 49cm³ two-stroke engine, specially tuned to give a sporty, exciting performance throughout its power range. The SXR's potent power output provides you with a snappy, dependable acceleration that is more than welcome when you venture off the beaten track.

Vigorous and Reliable 2-Stroke Performance

Besides providing exhilarating performance, the SXR's engine also offers the laid back convenience of push-button electric starting that is backed up by a standard, light-action side-mounted kickstart lever. A maintenance-free CDI in tandem with an automatic choke provide faultless starts time and time again, whatever the weather.

The SXR comes equipped with a large-volume muffler and other features to reduce noise output. A commendable feat given the fact

that noise is increasingly becoming a major consideration in the close confines of Europe's cities.

Maintenance-Free CDI

The SXR's high-accuracy, maintenance-free capacitor discharge ignition (CDI) has been specially tuned to provide high-efficiency combustion, strong acceleration and smooth performance throughout the complete rev range. Its high-voltage charge also combines with the push-button electric starter to ensure quick, reliable starts and dependable long-term performance.

Its compact maintenance-free (MF) 12-volt battery never needs to have water added and provides a strong and stable electrical charge for fade-free lighting and quick, sure starts.

Reliable V-Matic Transmission

The SXR's proven wide-ratio stepless V-Matic transmission further ensures a quick and strong acceleration and delivers smooth, linear engine performance that responds instantly at the simple turn of the throttle.



Chassis & Equipment

Rigid Frame;

Comfortable, Compliant Suspension

Aiming for crisp and responsive handling, the SXR's welded tubular steel frame is strong and rigid which ensures enhanced torsional rigidity for sharp and precise handling. Its 27mm telescopic front fork features Honda's VR-SUS 2 design for smooth, compliant operation and precise, confident control. At the rear, the SXR comes with a standard unitary engine/ swing-arm configuration supported by a robust, single damper-type suspension for a comfortable ride. The large 'intake port' built into

the right side of the SXR's lower bodywork also provides a solid, 'through-the-frame' attachment point for securing a U-lock, chain or cable.

Sporty New Wheels & Off-Road Tyres

The SXR's features a set of trendy, sporty-looking cast aluminium wheels boasting a new dynamic swept three-spoke design that sets off the bodywork's aggressive lines even more. New off-road tyres offer snappy riding with confident control and a wider footprint for enhanced traction in all terrains, while their tubeless design also

eliminates inner tube hassles.

The SXR light-action hydraulic front disk brake features a lightweight and compact caliper gripping a 160mm drilled rotor with resin mould pads for excellent braking response in virtually all conditions. Sheltered by a large plastic disc brake protector at the rear, a 110mm leading/trailing shoe drum brake provides superb balance of braking control.

Equipment

- Optionally available equipment includes a sporty windshield and a large-volume lockable top box.



Specifications**Specifications****SXR (IT, SP, PO, F, UK-types)**

Engine		Air-cooled 2-stroke single
Bore × Stroke		39 × 41.4mm
Displacement		49cm ³
Compression Ratio		7 : 1
Carburettor		12mm piston valve type (PB12) (PO, F, UK-types) (PB14)
Max. Power Output	IT-type	5.4PS/6,750rpm (DGM) (4kW/6,750min ⁻¹)
	PO-type	5.3PS/6,750rpm (ECE) (3.9kW/6,750min ⁻¹)
	F-type	4.4PS/6,750rpm (ISO) (3.2kW/6,750min ⁻¹)
	UK-type	5PS/6,750rpm (DIN) (3.6kW/6,750min ⁻¹)
Max. Torque	IT-type	0.59kg-m/6,500rpm (DGM) (5.8Nm/6,500min ⁻¹)
	PO-type	0.57kg-m/6,500rpm (ECE) (5.6Nm/6,500min ⁻¹)
	F-type	0.55kg-m/6,500rpm (ISO) (5.4Nm/6,500min ⁻¹)
	UK-type	0.50kg-m/6,500rpm (DIN) (4.9Nm/6,500min ⁻¹)
Ignition		Capacitor Discharge (CDI)
Starter		Electric/Kick
Transmission		V-Matic automatic variable ratio
Dimensions	(L×W×H)	1,723 × 636 × 1,064mm
Wheelbase		1,215 mm
Seat Height		755mm
Ground Clearance		116mm
Fuel Capacity		6 litres
Wheels	Front/Rear	10 × MT2.15 cast aluminium alloy
Tyres	Front/Rear	100/80-10 (tubeless)
Suspension	Front	27mm telescopic hydraulic fork, 62.6mm axle travel
	Rear	Unit swingarm, 70.9mm axle travel
Brakes	Front	160mm hydraulic disc with opposed dual-piston caliper
	Rear	110mm leading/trailing drum
Dry Weight		72kg