

Kawasaki

350 MODEL **S2** · **250** MODEL **S1**



The 350 S2 is the first and fastest 350 superbike—



350 model S2

**Two sports streeters to run up front:
350 S2 and 250 S1**

Kawasaki proves you don't have to be heavy to be strong. These two middleweights are powerful and fast and handle beautifully. Here's all the performance you really need.

The Kawasaki air-cooled 2-cycle, 3-cylinder engine is a basic design conceived by Kawasaki's aeronautical engineers, and has proven to be one of the most efficient high-performance motorcycle power plants in the business.

The triple started off its career as a 500 cc capacity mill for the legendary Kawasaki 500 MACH III superbike. The MACH III is the fastest-accelerating 500 in the world: SS 1/4-mile (400 meters) 12.4 seconds.

The engine proved its worth and Kawasaki bored and stroked it into a 350, 250 and the mighty 750. All these engines share the same great design efficiency, high performance characteristics and unique turbine-smooth power rush. The 350 S2 engine delivers 44 hp at 8,000 rpm (more power per cubic centimeter than any stock motorcycle made today) and the 250 S1 has 28 hp at 7,500 rpm. The family resemblance doesn't stop at the engines, it continues through the carburetion – each cylinder has its own Mikuni – and the 5-speed transmissions and super-strong chains deliver the power to the back wheel. And this year, both machines have been refined to reduce



exhaust noise levels.

The frames are a race-proven double cradle design, and suspension systems are identical Ceriani-style forks and double-acting hydraulic rear shocks.



But there is one way you can tell them apart at a glance: the 350 S2 has a disc brake. Because it's heavier and faster it needs a no-fade disc up front to give that extra margin of safety. The lighter 250 S1 has a very powerful double-leading-shoe front brake. Both bikes have the same rear drum brake set-up.



Both machines have seats and fuel tank caps you can lock with a key. Under the seat there's a spare spark plug holder and space for maps and valuables in the glove box tucked away in the tail.



**Exhilarating performance.
Inspired handling.**

The 250 S1 and 350 S2 are the same breed of sports machine. You've got to ride them briskly to appreciate them. Wind them up to 7,000 rpm through the gears to get the torque and experience what these bikes are all about. Drive them hard and they love it. And you can get to know one quickly. Just swing into the wide and comfortable saddle, grab hold of the big grips, work the clutch and brake levers, notch the gear shift into neutral, and one kick starts it. It even sounds exciting! Take it away.

It feels familiar already. Smooth. Sophisticated. A precision-engineered machine that eats up the road – fast. You lean it into a corner and it stays in the groove. Sure-footed. Safe. The performance is exhilarating. The handling is inspired! Feel it!



250 model S1

SPECIFICATIONS

	S1	S2		S1	S2
PERFORMANCE			TRANSMISSION		
Maximum speed	100 mph (160 kph)	106 mph (170 kph)	Type	5-speed, constant mesh, return shift	5-speed, constant mesh, return shift
Acceleration	SS 1/4 mile (400 m): 14.7 sec.	SS 1/4 mile (400 m): 13.6 sec.	Clutch	Wet, multi-disc	Wet, multi-disc
Climbing ability	40°	40°	DIMENSIONS		
Braking distance	39 ft/31 mph (12 m/50 kph)	39 ft/31 mph (12 m/50 kph)	Length, overall	77.5 in. (1,970 mm)	77.5 in. (1,970 mm)
Min. turning radius	82.5 in. (2.1 m)	82.5 in. (2.1 m)	Width, overall	32.3 in. (820 mm)	32.3 in. (820 mm)
Fuel consumption	108 mile/Imp. gal. @30 mph (38 km/l @48 kph)	89 mile/Imp.gal. @30 mph (32 km/l @48 kph)	Height, overall	43.0 in. (1,095 mm)	44.5 in. (1,130 mm)
ENGINE			Wheelbase	52.5 in. (1,330 mm)	52.5 in. (1,330 mm)
Type	2-cycle, 3-cylinder, piston valve	2-cycle, 3-cylinder, piston valve	Ground clearance	6.0 in. (150 mm)	6.5 in. (160 mm)
Displacement	249 cc (15.2 cu. in.)	346.2 cc (21.19 cu.in.)	Dry weight	330 lbs. (150 kg)	335 lbs. (152 kg)
Bore and stroke	1.77 x 2.06 in. (45 x 52.3 mm)	2.09 x 2.06 in. (53 x 52.3 mm)	Fuel tank capacity	3.1 Imp. gal. (14 liters)	3.1 Imp. gal. (14 liters)
Compression ratio	7.5 : 1	7.3 : 1	Oil tank capacity	1.3 Imp. qt. (1.5 liters)	1.3 Imp. qt. (1.5 liters)
Max. horsepower	28 hp/7,500 rpm	44 hp/8,000 rpm	FRAME		
Maximum torque	19.5 ft-lb/7,000 rpm (2.7 kg-m/7,000 rpm)	28.9 ft-lb/7,500 rpm (4.0 kg-m/7,500 rpm)	Type	Tubular, double cradle	Tubular, double cradle
Ignition system	Battery and coil	Battery and coil	Suspension: Front	Telescopic fork	Telescopic fork
Starting system	Kick	Kick	Rear	Swing arm	Swing arm
Lubrication	SUPERLUBE (automatic oil injection)	SUPERLUBE (automatic oil injection)	Tyres: Front	3.00 - 18 4PR	3.00 - 18 4PR
			Rear	3.25 - 18 4PR	3.50 - 18 4PR

Specifications subject to change without notice

Kawasaki puts it all in your hands.

KAWASAKI
HEAVY INDUSTRIES, LTD.
MOTORCYCLE DIVISION