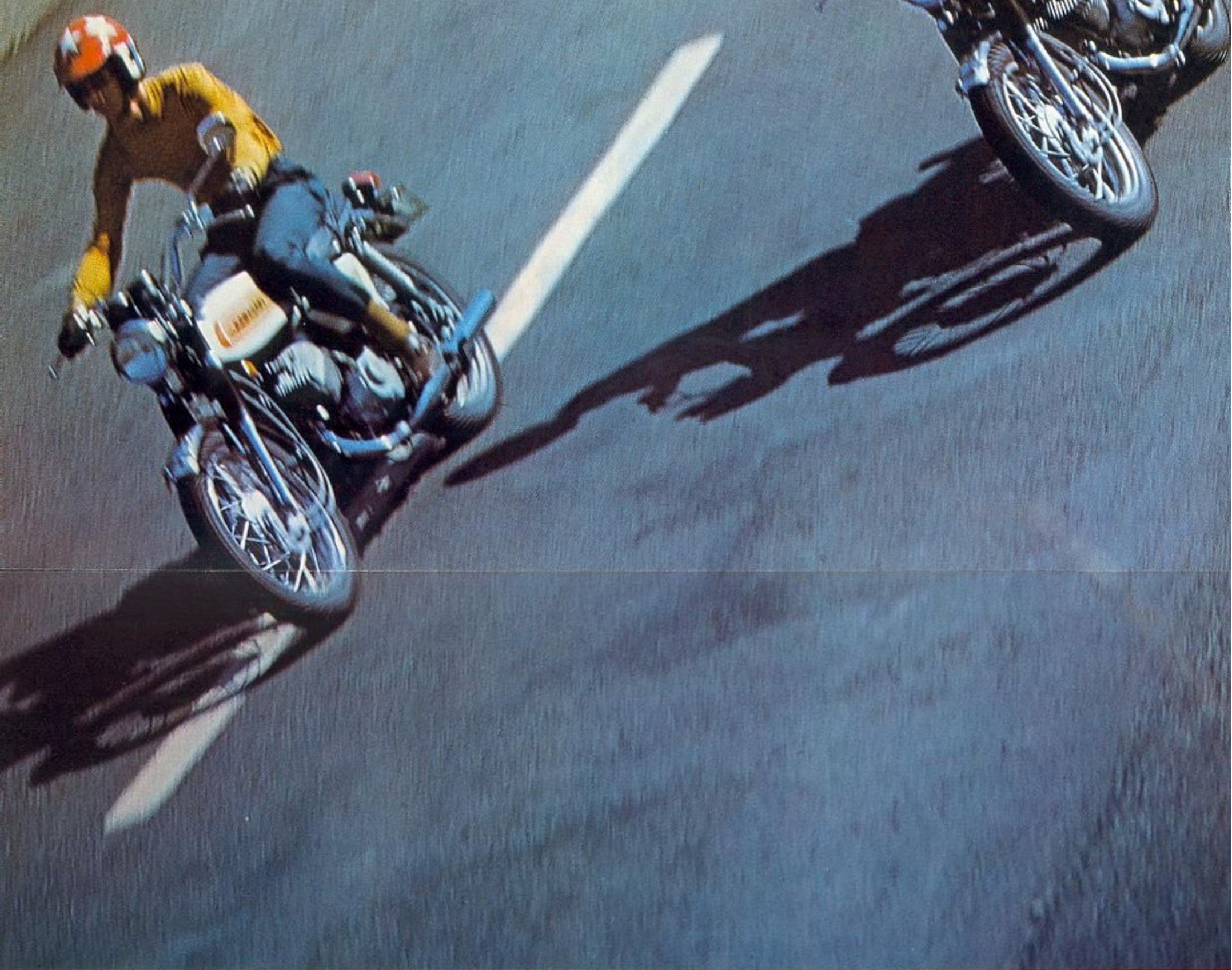


Step up to precision power: Kawasaki

250 SAMURAI A1 350 AVENGER A7



A1

SPECIFICATIONS

A7

PERFORMANCE

Maximum speed	105 mph (168 kph)
Acceleration	SS 1/4-mile: 15.0 sec.
Climbing ability	38 degrees
Fuel consumption	100 miles/gal @30 mph (42 km/liter @48 kph)

ENGINE

Type	2-stroke, twin-cylinder, dual rotary disc valve, air cooled
Displacement	15.07 cu. in. (247 cc)
Bore & stroke	2.09×2.21 in. (53×56 mm)
Compression ratio	7.0 : 1
Max. horsepower	31 hp/8,000 rpm
Maximum torque	21.1 ft-lb/7,500 rpm (2.92 kg-m/7,500 rpm)
Ignition system	Battery & coil
Starting system	Kick
Lubrication	SUPERLUBE (automatic oil injection)

TRANSMISSION

Type	5-speed, constant mesh, return shift
Clutch	Wet multi-plate

DIMENSIONS

Length, overall	78.5 in. (1,995 mm)
Width, overall	31.9 in. (810 mm)
Height, overall	43.1 in. (1,095 mm)
Wheelbase	51.0 in. (1,295 mm)
Ground clearance	6.3 in. (160 mm)
Dry weight	319 lbs (145 kg)
Tyre size, front	3.00-18 4PR
rear	3.25-18 4PR
Fuel tank capacity	3.5 U.S. gal (13.5 liters)
Oil tank capacity	2.4 U.S. qt (2.2 liters)

FRAME

Type	Tubular, double cradle
Suspension, front	Oil dampened telescopic fork
rear	Oil dampened swing arm

PERFORMANCE

Maximum speed	115 mph (184 kph)
Acceleration	SS 1/4-mile: 13.8 sec.
Climbing ability	40 degrees
Fuel consumption	80 miles/gal @30 mph (34 km/liter @48 kph)

ENGINE

Type	2-stroke, twin-cylinder, dual rotary disc valve, air cooled
Displacement	20.63 cu. in. (338 cc)
Bore & stroke	2.44×2.21 in. (62×56 mm)
Compression ratio	7.0 : 1
Max. horsepower	42 hp/8,000 rpm
Maximum torque	28.9 ft-lb/7,000 rpm (4.0 kg-m/7,000 rpm)

Ignition system

Battery & coil	
Starting system	Kick
Lubrication	INJECTOLUBE (automatic pressurized injection)

TRANSMISSION

Type	5-speed, constant mesh, return shift
Clutch	Wet multi-plate

DIMENSIONS

Length, overall	78.9 in. (2,005 mm)
Width, overall	31.9 in. (810 mm)
Height, overall	43.5 in. (1,105 mm)
Wheelbase	51.0 in. (1,295 mm)
Ground clearance	6.7 in. (170 mm)
Dry weight	329 lbs (149 kg)
Tyre size, front	3.25-18 4PR
rear	3.50-18 4PR
Fuel tank capacity	3.5 U.S. gal (13.5 liters)
Oil tank capacity	2.4 U.S. qt (2.2 liters)

FRAME

Type	Tubular, double cradle
Suspension, front	Oil dampened telescopic fork
rear	Oil dampened swing arm

Specifications subject to change without notice

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KAWASAKI
HEAVY INDUSTRIES, LTD.
TOKYO, JAPAN

LA-101 Printed in Japan



250 SAMURAI Model **A1**



Powered by a rotary-valve racing twin

The most advanced twins built. Most major motorcycle makers use the rotary-valve design on their Grand Prix racers, but only Kawasaki brings you production 250cc and 350cc twins with this advanced, more expensive-to-build design.

Sizzling performance

AVENGER and SAMURAI offer unmatched performance. 43 horsepower for the AVENGER, and 31 for the SAMURAI. Both machines will top a hundred with power to spare. Acceleration is outstanding, a thundering 13.8 second standing quarter for the AVENGER, and 15 seconds for the SAMURAI.

Balanced handling forks, race-inspired cradle frame

Racer-stiff suspension helps high-speed stability, and just the right amount of damping keeps bumps from marring your riding. All-tubular twin down-tube cradle frame construction adds to handling. Combined with the low center of gravity of the rotary valve engine, the frame design promises the response you would expect from a trusty road racer.

As agile as racers

The power-to-weight ratios on the SAMURAI and the AVENGER show what kind of performance and roadability you can expect: 10.0 and 7.8 pounds (4.54 and 3.54 kg) per horsepower. Even Grand Prix road racing machines will find that hard to match.

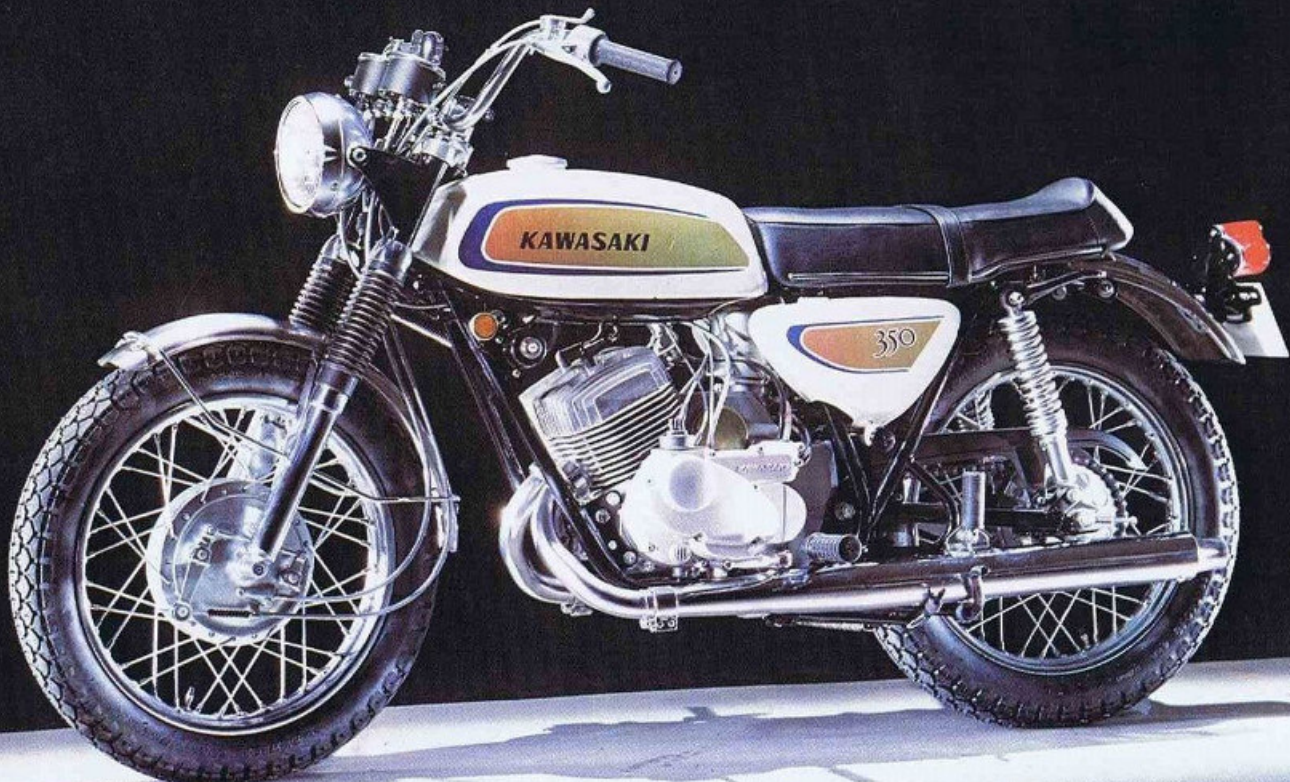
Safety and reliability

AVENGER and SAMURAI feature powerful, twin-leading shoe brake systems for fast, straight-line stops from any speed. Well-damped front suspension. And fully-approved high-visibility lighting. Carefree automatic lubrication keeps things running smooth, mile after mile, year after year.



350 AVENGER Model **A7**

- **Over 100mph top speed**
- **Tremendous power weight ratio**
- **Road-racer handling**



350 AVENGER Model **A7**

**“Run with the heart of a Samurai,
travel with the Avenger”**
**Swift,
Safe,
Steady**