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**YAMAHA 90** STREET  
HS1-B

# YAMAHA 90 STREET HS1-B



It's a better machine



## SPECIFICATIONS

<b>PERFORMANCE</b>	
Max. speed range	53 mph (85 km/h)
Climbing ability	20 degrees
Min. turning radius	70.9 ft (21.6 m)
Min. braking distance	21.3 ft @ 22 mph (6.5 m @ 35 km/h)
<b>ENGINE</b>	
Type	2-stroke, 5-port, TWC
Displacement	89 cc (5.43 cu. in.)
Bore & Stroke	36.5 x 43 mm (1.437 x 1.693 in.)
Compression ratio	7.5:1
Max. horsepower	4.9 hp @ 8,000 rpm
Max. torque	3.1 ft-lb @ 5,500 rpm
Lubrication system	Automatic
Starting system	Primary kick start
Transmission	5-speed gearbox
<b>DIMENSIONS</b>	
Overall length	70.9 in. (1.799 m)
Overall width	30.3 in. (770 mm)
Overall height	38.6 in. (980 mm)
Wheelbase	47.0 in. (1.193 m)
Min. ground clearance	6.1 in. (155 mm)
<b>WEIGHT (Net)</b>	199 lb (90 kg)
<b>FUEL TANK CAPACITY</b>	2.0 gal (7.6 L)
<b>OIL TANK CAPACITY</b>	1.6 gal (6.1 L)
<b>TIRES</b> front	2.50-18-4 P
rear	2.50-18-4 P

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\*Specifications subject to change without notice



## YAMAHA 90 STREET HS1-B

A new street model with a new spirit. A brand new concept of street action, with features formerly found only on sports models. Features which give beginning riders the chance to prepare for bigger things to come, and still savor all of the excitement and thrills of more powerful models. Powerful 5-port twin engine. Sturdy tubular frame.

Constant-mesh five-speed transmission. Yamaha's exclusive Autolube automatic lubrication system. Primary kick starting to permit starting in any gear. Features that make this model outstanding for its class. And, of course, it meets all federal standards for safety. It's a new one from Yamaha, a pioneer in cycling progress.



Here's another first for Yamaha. A 90 cc machine with a 5-port engine. Features astonishing acceleration. Twin carburetors and twin air cleaners. Gives all of the power and speed you want for street cycling. Another big, big feature of this model is the wonderful fuel economy.

Whether this is your first bike or you've buying it for the family, you're sure to appreciate the full return 5-speed synchromesh transmission of the HS1-B. Easy to operate, from top to low or back up, this gearbox is the very ultimate in smoothness. Helps with fuel economy, too.

Fuel mixing days are gone forever when you ride with Yamaha. The exclusive Yamaha automatic lubrication system—Autolube—is one of the most exciting advances ever seen on motorcycle engines. Feeds oil in minutely precise amounts, just as required. Prolongs engine life and reduces fuel bills.

Brakes have to work every time. Quickly, effectively and dependably. That's about all you can say about them. These do. They're waterproof, fade-free and dust-proof. They'll bring you and your machine to a safe secure stop every time. In any weather. On any road surface.

Another safety factor is the new and bigger stop lamp. And the front and rear flashers which are standard equipment. Separate tach and speedometers, easy to read for extra safety. Reflectors on both sides of front forks. And a gorgeous competition yellow finish to make it really stand out.

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# YAMAHA

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