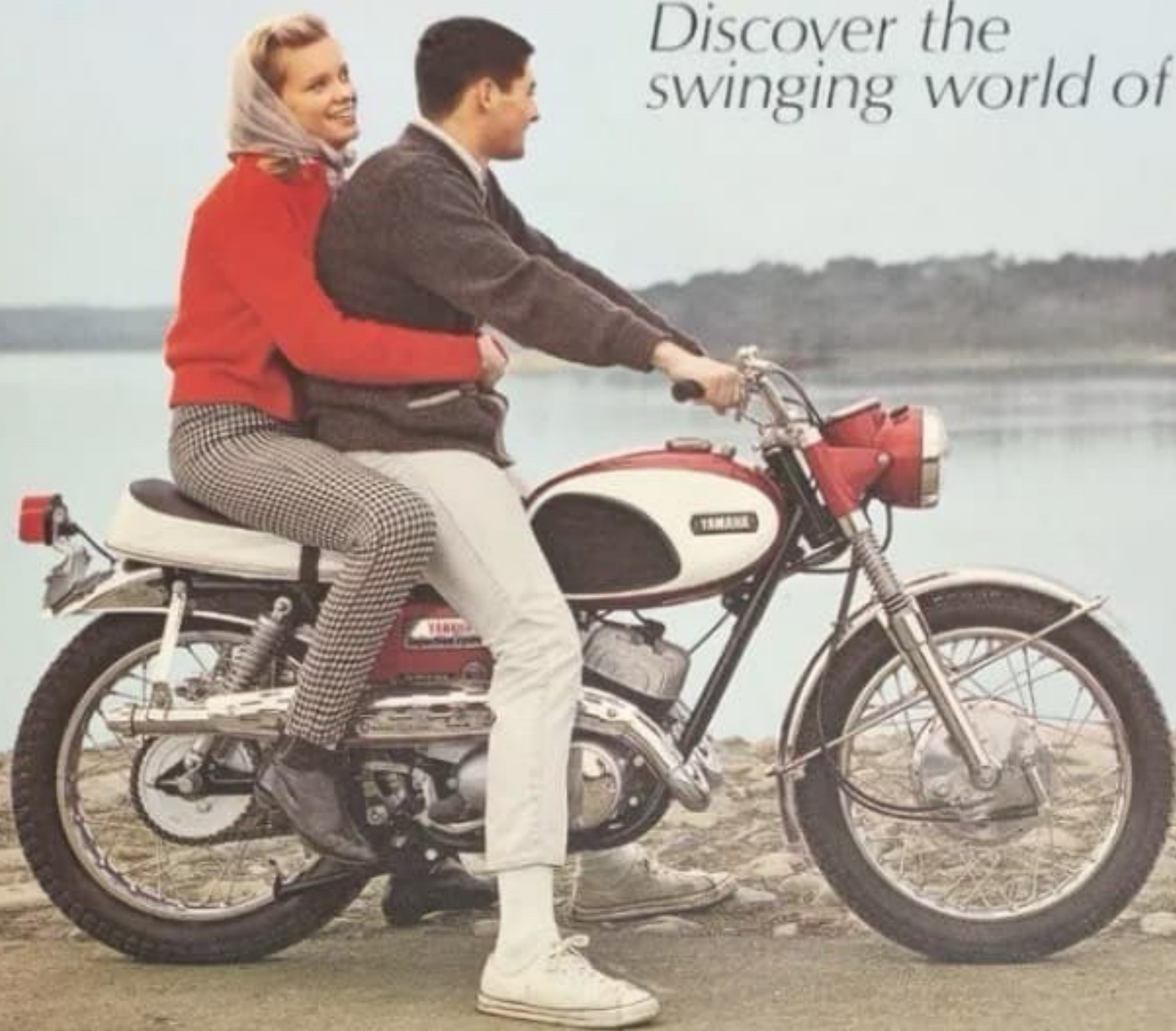


*Discover the
swinging world of Yamaha*



SPECIFICATIONS OF YDS-3C

PERFORMANCE

Speed Range	85-92 MPH
Normal Fuel Consumption	75 MPG
Climbing Ability	30°
Turning Radius	38"
Braking Distance	39 ft. @ 50 MPH

ENGINES

Model	YDS 3C
Type	2 Stroke
Cylinder Pattern	Parallel Twin
Lubrication System	Oil Injection
Bore & Stroke	2.24" x 1.37" (56mm x 35mm)
Displacement	244cc
Compression Ratio	7.2:1
Maximum Horsepower	28 @ 5,000 RPM
Starting System	Manual
Gearbox	Constant Mesh 5-Speed
Electrical System	6V

DIMENSIONS

Overall Length	79"
Overall Width	28"
Overall Height	45"
Wheelbase	51"
Front fender height	19.0"
Front Tire	2.00 x 18
Rear Tire	3.50 x 18
Fuel Tank	4.1 gallons
Oil Tank	1 1/2 quarts
Weight	349 lbs.
Standing $\frac{1}{2}$ mile	15.8 sec.



Yamaha - Winner of Auto & Motorcyclist Magazine Safety & Engineering Award

AUTOLUBE - YAMAHA INJECTION SYSTEM: Yamaha's exclusive automatic lubrication system ensures an automatically regulated fuel supply of gasoline and oil. There is no pre-mixing needed because the gasoline and oil go in separate tanks. The automatic pump feed system always injects the proper amount of oil, regulated by the engine revolutions and throttle opening. This system guarantees the most effective and efficient lubrication and fuel consumption. The carburetors, muffler and exhaust system stay cleaner which results in greater efficiency, longer engine life and less maintenance.

The versatile Big Bear Scrambler 250 is the only street, track and trail machine available in this class with the exclusive Yamaha Oil Injection System.



TRANSMISSION: The YDS3C is equipped with a smooth shifting, non-chromash, 5 speed gearbox which effectively transmits power through a rugged gear train to the rear wheel.

The 5 speed gearbox combined with a hefty multi-plate clutch assembly makes the Big Bear Scrambler truly one of the world's greatest performers.

Gear ratio (over all):

1st—13.3:1 2nd—15.5:1 3rd—11.4:1

4th— 9.7:1 5th—8.6:1

The gear change lever is the most efficient and smooth foot change lever system ever developed.



BRAKES & SUSPENSION: The Big Bear Scrambler high performance street and competition startline is equipped with large Daytonatype inner expanding brakes superior to any others in the world. Yamaha's big waterproof, discroted brakes let you scramble over dusty back roads, or even ford streams, and still stop safely.

Yamaha is the winner of the Auto and Motor Sport Magazine Safety and Engineering award.

The telescopic coil and oil damped front fork assembly makes the ride comfortable no matter how poor the road, with accurate and confident handling characteristics even on the roughest cross-country run. The same can be said of the rear swinging arm suspension, which can be adjusted for a soft, medium or hard ride.



OTHER BONUS FEATURES ARE:

- The hottest 250 twin cylinder 2 stroke
- Sporty uppercut pipes
- Safety engineered frame, brakes, suspension system
- Quick detachable headlight and tail light assembly for track and trail competition
- Exclusive speed-tachometer assembly design for easy reading of speed and engine revs
- Large Amal type VM 24 carburetors
- International award winning design.

With all these features, the Big Bear Scrambler becomes the most exciting 250 cc sportcycle on the road today. It is easy to ride, easy to operate, and easy to own. Once you test ride a Yamaha Big Bear Scrambler, you won't be satisfied until you own one.



Yamaha Research and Engineering Staff
—over 600 engineers strong—assures total performance and race-bred heritage.



A rigid quality control system insures a uniform standard of excellence in every Yamaha built. Since 1887, every precision-engineered item produced in a Yamaha plant has been inspected and has passed our require-

ments for quality. Shown above are typical stages of production for quality control in the manufacture of sportcycles at the Yamaha factory in Numazu, Japan.



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