



# YAMAHA

# FS 50



**YAMAHA: it's a way of life.**

In these mechanized times you can go much further on a motorcycle with a slim build. FS 50 is an adult motorcycle, light and manageable.



**Autolube:**

With most two-stroke engines, the lubricating oil is mixed with petrol. Yamaha's Autolube system removes the need to premix fuel and oil in the gas tank. Autolube is a separate oil-injection pump, controlled by the twistgrip, injecting oil into the induction-port at exactly the right time and in exactly the quantity required. You will never spend too much money on oil, and your engine has a longer life.

**Torque Induction:**

To ensure the efficient performance of a motor, it is of the utmost importance that the petrol-air-mixture is fed into the cylinders at the right moment. With Yamaha's two-strokes the fuel-supply is controlled by Yamaha's "reed-valve torque-induction system". Torque-induction ensures that all fuel is fully utilised giving more power at low engine-speeds and greatly improved economy.

And no one could object to the cost of buying one, riding it and maintaining it. Yamaha's FS 50 can compete economically with any other means of transportation. What is more, the FS 50 gives you unlimited freedom at no extra charge. At any hour of the day or night you are free to go where you want. Get to work, to school and back home fast.

Technical aspects? They are such that you will never have to worry about them. Sporty, thrifty and quiet, that is Yamaha's FS 50, your motorbike for tomorrow.



**Gearbox:**

The power your engine develops, is transmitted by a 5-speed gearbox to the backwheel. The Yamaha constant-mesh gearbox has 5 ratio's, selected in such a way that the engine is allowed to give its best performance under all conditions. Effortless gear-changing gives you performance and economy.

**Brakes:**

Emergency stop, slowing down; both can be done with equal confidence. Aluminium single leading shoe drumbrakes in front- and rearwheel give rapid heat-dissipation. The brakes are designed with double ridge sealing, ensuring they are water- and dustproof under all conditions.

**Seat:**

The Yamaha seat is designed for maximum comfort with one or two people, for long or short trips.

**SPECIFICATIONS**

**PERFORMANCE**

max. speed range 87 km/h  
min. turning radius 1.800 mm

**ENGINE**

type 2-stroke, reed valve,  
single cylinder.

displacement 49 cc  
bore & stroke 40 x 39.7 mm

indicators are standard equipment

specifications subject to change without notice.

compression rate 6.8 : 1

max. horsepower 4.75 hp at 8500 rpm

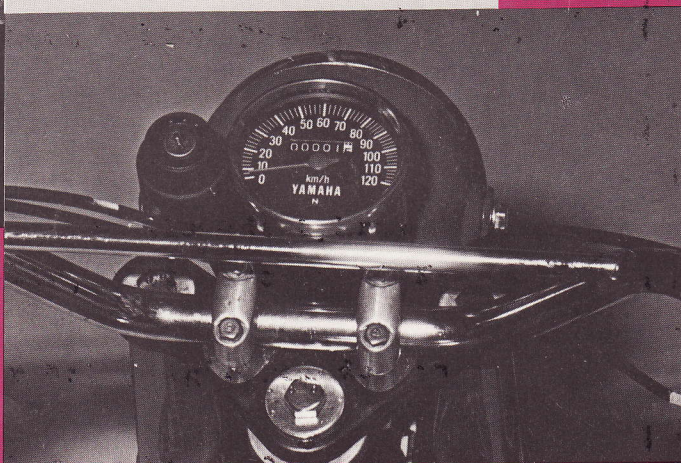
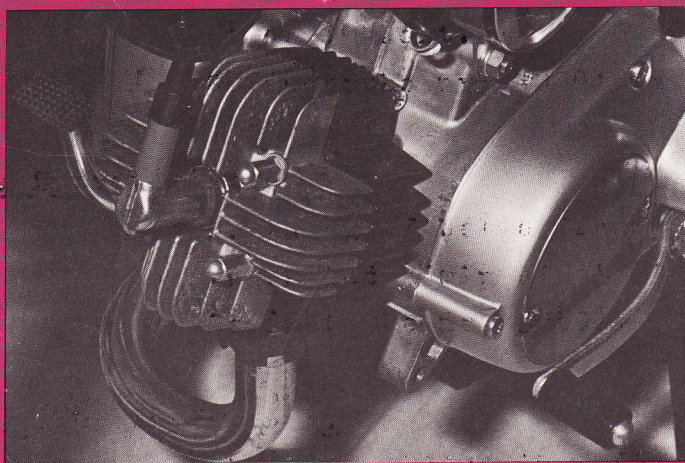
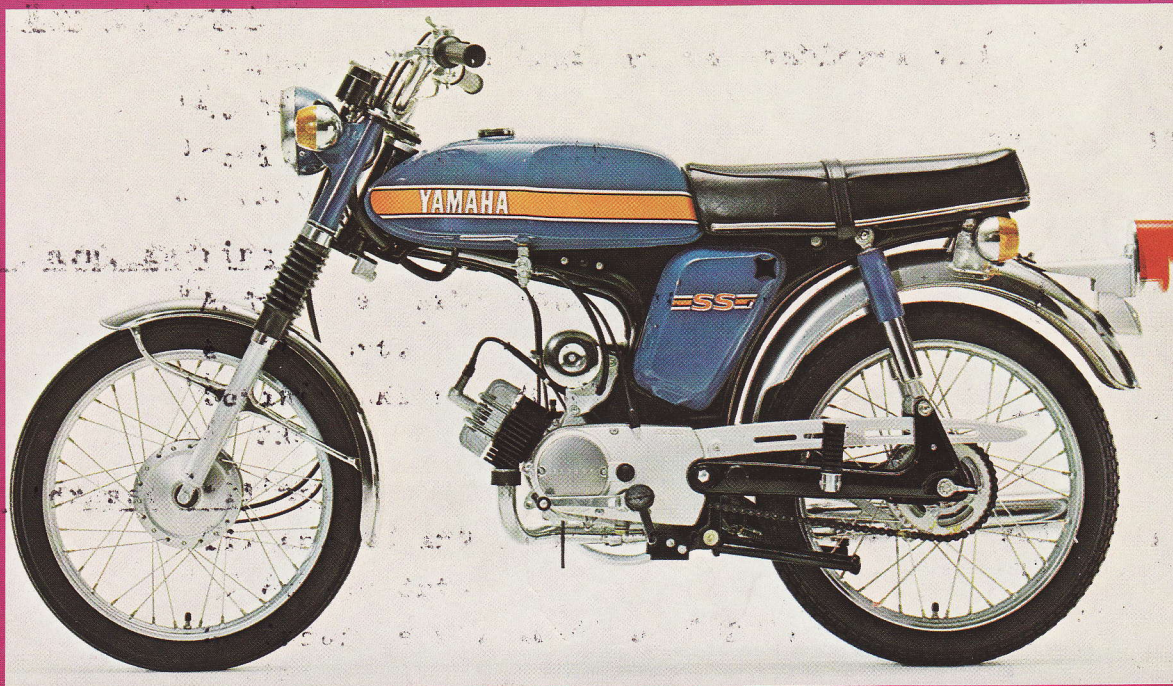
max torque 0.4 kg m at 8500 rpm  
lubrication system autolube  
starting system primary kick starter

transmission 5-speed gearbox

**DIMENSIONS**

overall length 1.870 mm  
overall width 785/555 mm  
overall height 1.000/935 mm  
wheelbase 1.160 mm

clearance 135 mm  
weight: net. 70 kg.  
fuel tank capacity 7.0 lit.  
oil tank capacity 1.4 lit.  
tires: front 2.25-17-4PR  
rear 2.50-17-4PR



**Engine:**

The single cylinder two-stroke engine has been developed by YAMAHA, by years through research, into a motor that is exceptionally strong, reliable and above all, economical.

**Instruments:**

The illuminated instrument-lay-out is designed to give information at a glance. Speedometer and ignition/neutral indicator.

production: korpzès, amsterdam, holland.  
printed by: boom-ruygrok, haarlem, holland  
thanks to: Levi's (jeans) and di.w.s.; (helmets)

importer: I/S Franz Kroon  
Nørrebrogade 2  
8000 AARHUS-C