

YAMAHA FS1DX

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The Yamaha FS1DX..

The smallest of the Yamaha lightweights, the 50 cc FS1DX, combines all the attributes of a big machine in a bright little package that serves as an ideal introduction to motorcycling.

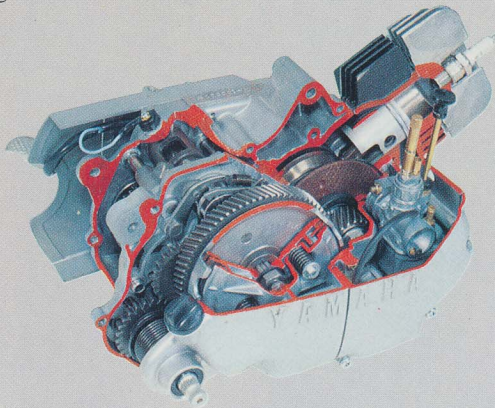
The little sportster, despite its small size and power output, reflects much of the thinking that has taken Yamaha to the top in the racing world.

A rigid pressed steel chassis makes the FS1DX one of the very best handling machines in the ultra-lightweight class while the 49 cc Rotary Valve engine quickly accelerates to the legal maximum speed.

There is a great accent on safety with the FS1DX and the most obvious thing in this regard is the 203 mm front disc brake, a hydraulically-operated unit that combines with the 110 mm waterproof drum brake at the rear for optimum stopping power on a bike of this size. The brakes combine with sturdy, hydraulic front forks and rear shock absorbers to give the FS1DX that "real" motorcycle feeling despite its small size.

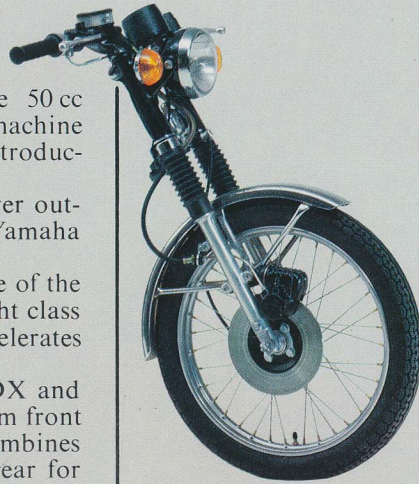
The sporty image is enhanced by such styling extras as the "speed blocks" paintwork, the rubber boots on the front forks and the chromed external springs on the rear suspension units.

All of which combines with lively performance and a host of safety features to leave the rider in no doubt that, despite the size, the FS1 still reflects Yamaha's racing background.



Engine and Gearbox

The 49 cc engine has a bore and stroke of 40.0 mm x 39.7 mm and utilizes a cast-iron cylinder with deep-finned alloy cylinder head for maximum heat dissipation. Helical primary gears transmit the power through a 3-plate, 4-spring clutch and a four speed gearbox.

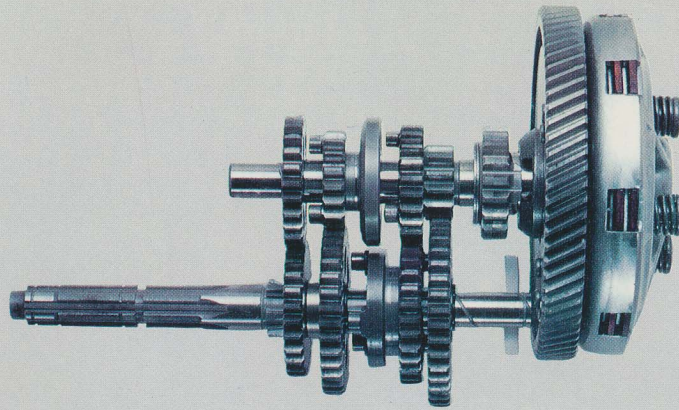


Suspension

Yamaha's knowledge in the competition field is even reflected in this lightweight. Good handling means a safe machine and Yamaha achieve this by the use of large hydraulic front forks and rear shock absorbers. The external springs of the front forks are covered by sporty rubber gaiters while the rear shock absorbers are left exposed and chromed for that "racey" look.

Brakes

The big 203 mm front hydraulic disc brake and the 110 mm waterproof rear drum brake make the FS1DX the best-braked, and one of the very safest, machines in its class.



Automatic Oiling System

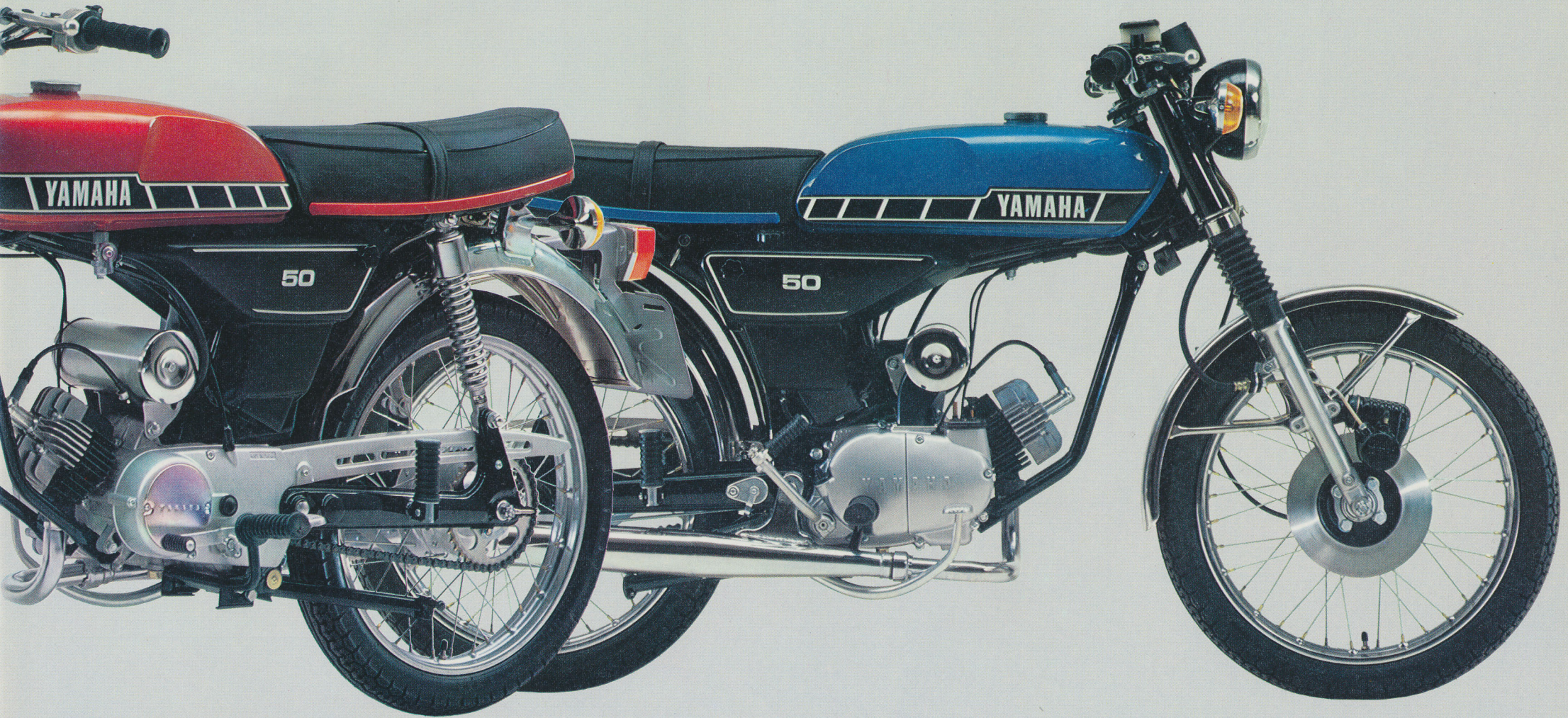
Engine lubrication is looked after by the highly-efficient and well-proven Yamaha Autolube system that eliminates the need for mixing of oil and gasoline prior to use. Oil is fed from a separate tank and pumped into the motor via a metering unit that is linked to the throttle. The engine always gets just the amount of oil that it needs.

Accessories

The six volt battery and a comprehensive toolkit are carried beneath the side covers of the machine. A helmet lock is incorporated in the seat and the whole thing is rounded off with turn signals and a rearview mirror.



Small, sporty and safe



FS1DX

SPECIFICATIONS

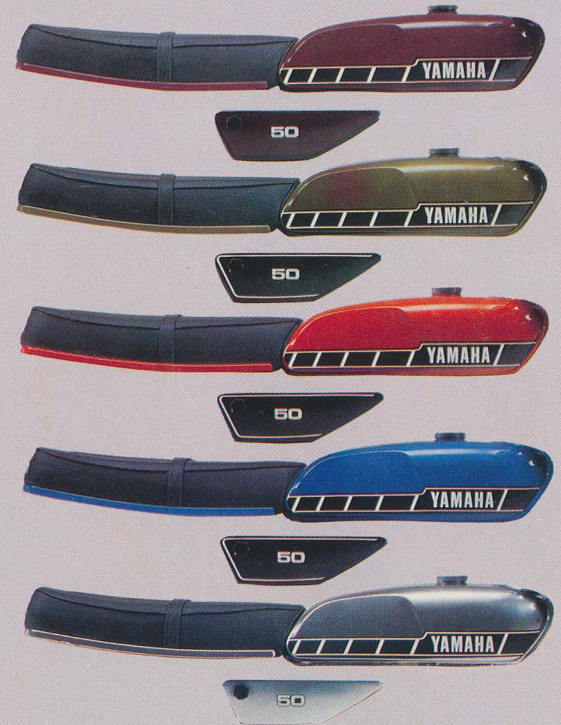
ENGINE

Type	2-stroke, Rotary valve, Single
Displacement	49 cc
Bore & Stroke	40.0×39.7 mm
Compression ratio	7.1 : 1
Lubrication system	Autolube
Starting system	Kick starter
Primary transmission	Gear
Final transmission	Chain
Gearbox	4-speed
Carburettor	VM16SC
Clutch	Multi-plate, wet
Battery	6 V, 4 AH
Charging system	Flywheel magneto
Ignition type	Magneto, CB/Coil

DIMENSIONS

Overall length	1,790 mm
Overall width	690 mm
Overall height	955 mm
Wheelbase	1,160 mm
Seat height	775 mm
Weight (net)	71 kg
Fuel tank capacity	6.5 lit.
Oil tank capacity	1.2 lit.
Tires front	2.50-17-4PR
rear	2.50-17-4PR
Brakes front	Hyd. disc, diam. 203 mm
rear	Drum

* Specifications subject to change without notice.



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