



# YAMAHA

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**GREAT 50s**





# YAMAHA GREAT 50s



RD50M



FS1DX



DT50M



TY50M

## RD50M

Everything that has made Yamaha the World leader in sporting motorcycles has gone into making the RD50M the undisputed King of the ultra light weights. Looks, style and the refinement of Yamaha's unique race bred technology have produced in the RD50M the sleekest, snappiest machine in its class. The punchy motor features torque induction and Autolube lubrication for performance and long life. There's a five speed gearbox too to get the power of the motor (brake) to the rear wheel. Good handling and brakes are an essential introduction to safe and sporting motorcycling, that's why the RD50M has a race developed double loop cradle frame and big 200mm hydraulic front disc brake. Carefully placed controls, full instrumentation, including a tachometer, and a well balanced riding position make for rider comfort and safety. Seven spoke alloy wheels add that final dash of style to make you stand out from the rest.

## FS1DX

The perfect introduction to sporting motorcycling. Although it is one of the smallest machines in the Yamaha range it has all the attributes which have made its bigger brothers a by word amongst discerning motorcyclists. The 200v engine has Yamaha's famous Autolube lubrication system. Oil for the two stroke motor is contained in a separate tank on the right hand side of the machine. Oil is pumped to the moving parts at exactly the correct rate. The more the throttle is opened, the more oil is delivered to the engine so that the required amount of oil is supplied at any engine speed. The suspension of the FS1DX is what makes it one of the safest machines in today's ultra lightweight market. It's real 'big bike' suspension scaled down to fit the small sportster. At the front there are hydraulic telescopic forks with external springs protected by rubber gaiters. A rigid pressed steel chassis unit features swinging arm suspension controlled by hydraulic dampers. The FS1DX has the best brakes of any bike in its class, a 200mm hydraulic disc at the front with caliper mounted racing style behind the front fork leg, and a wearproof drum brake at the rear. The FS1DX does it in style too with Yamaha's 'speed lock' design made famous by Kenny Roberts.

## DT50M

One of the most sophisticated lightweight motorcycles in the world, an exciting and stylish motorcycle with a multiplicity of uses. The starting point is a tough little off-road performer, which leads naturally to a purposeful commuting machine as well as an elegant introduction to motorcycling for the young enthusiast. The same advanced chassis technology and engine design that have made Yamaha the World leader in lightweight two-strokes on the street and in competition give the DT50M its character. The punchy engine features torque induction, a system of steel reed valves which allows the passage of precisely the right amount of fuel required by the engine. This system provides tractability for off-road use as well as smooth power for street use. Yamaha's Autolube system, providing oil direct to the moving parts guarantees long life. A high level exhaust gives good ground clearance, while a padded brace bar adds to rider safety. A racing style screw on petrol cap and a lowered front mudguard underline the bike's competition background. Full instrumentation, dual seat and turn indicators, make the DT50M ready for the road.

## TY50M

With the TY50M, Yamaha fulfils the demand for a small, forceful off-road bike for the young enthusiast. Designed on the same basic principles that have given the bigger machines of its type such outstanding success in international competition. The TY50M is offered for the youngster who takes his or her motorcycling well with the punishment of rough trail terrain or the more calculated demands of novice level observed trails. Like all Yamaha's competition machines the TY50M has torque induction via steel reeds controlled by fluctuations in crankcase pressure to ensure delivery of precisely the correct amount of fuel. Lubrication is controlled directly by the throttle which activates the Autolube pump giving an oil supply direct to the moving parts. A five speed gearbox ensures optimum use of power for trails, enduro or road use. The positioning of the engine and the high level exhaust provide excellent ground clearance, while the dual seat and elegant styling are intended to equip the TY50M for its additional role as an attractive street machine.

Yamaha 50s offer real choice for the beginner. Four great motorcycles each with its own style and character and each one built with the same advanced technology that puts Yamaha at the front in motorcycle sport. Yamaha 50s are products of the same research and development programmes that have produced the World's finest sports motorcycles. There are no compromises on these 50s: brakes, lights, frames, suspension and engines are combined in a superbly engineered package that spells out the freedom of the open road with reliability and low cost. An emphasis on safety has produced race developed chassis that hold the road with supreme confidence. Strong suspension systems built to do a man sized job and brakes that will stop the bikes in an emergency, time after time. It's the same qualities that make Yamaha's winners on the track that make them so very safe on the roads. Yamaha 50s are built for reliability too, with Autolube lubrication to ensure a constant supply of oil to the engine's moving parts. As for style, there's no bike quite like a Yamaha, just look at the pictures and see for yourself.

# GREAT 50s WITH MORE STYLE, MORE CHOICE, FROM YAMAHA



# SPECIFICATIONS

## RD50M

Engine Type	2-stroke, single
Displacement	49cc
Bore and Stroke	40 x 39.7mm
Compression ratio	6.8 : 1
Lubrication system	Autolube
Starting system	Kick starter
Final transmission	Chain
Gearbox	5-speed
Carburettor	VM 16SH
Clutch	Multi-plate, wet
Ignition system	Flywheel magneto

### DIMENSIONS

Overall length	1,870mm
Wheelbase	1,200mm
Seat height	760mm
Ground clearance	180mm
Weight (net)	79kg
Fuel tank capacity	8.0 lit
Tyres front	2.50-18-4PR
rear	2.75-18-6PR
Brakes front	Hydraulic disc (203mm dia.)
rear	Drum

## TY50M

Engine Type	2-stroke, single
Displacement	49cc
Bore and Stroke	40.0 x 39.7mm
Compression ratio	6.8 : 1
Lubrication system	Autolube
Starting system	Kick starter
Final transmission	chain
Gearbox	5-speed
Carburettor	VM 16SH
Clutch	Multi-plate, wet
Ignition system	Magneto

### DIMENSIONS

Overall length	1,860mm
Wheelbase	1,210mm
Seat height	765mm
Ground clearance	225mm
Weight (net)	72kg
Fuel tank capacity	4.7 lit
Tyres front	2.50-19-4PR
rear	3.00-17-4PR
Brakes, front and rear	Drum

## FS1DX

Engine Type	2-stroke, reed valve single
Displacement	49cc
Bore and Stroke	40.0 x 39.7mm
Compression ratio	6.6 : 1
Lubrication system	Autolube
Starting system	Kick starter
Final transmission	Chain
Gearbox	4-speed
Carburettor	VM 16SC
Clutch	Multi-plate, wet
Ignition type	Magneto, CB/coil

### DIMENSIONS

Overall length	1,790mm
Wheelbase	1,160mm
Seat height	770mm
Weight (net)	73kg
Fuel tank capacity	9.0 lit
Tyres front	2.50-17-4PR
rear	2.50-17-4PR
Brakes front	Hyd. Disc (203mm dia.)
rear	Drum

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## DT50M

Engine Type	2-stroke, Torque Induction, single
Displacement	49cc
Bore and Stroke	40.0 x 39.7mm
Compression ratio	6.8 : 1
Lubrication system	Autolube
Starting system	Kick starter
Gearbox	5-speed
Carburettor	VM 16SH
Clutch	Multi-plate, wet
Ignition type	Magneto

### DIMENSIONS

Overall length	1,860mm
Wheelbase	1,210mm
Seat height	780mm
Weight	72kg
Fuel tank capacity	6.0 lit
Tyres front	2.50-19-4PR
rear	3.00-17-4PR
Brakes, front and rear	Drum

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# YAMAHA

Specifications subject to change  
without notice.

