

# YAMAHA

for

# 1970

[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

**It's a better machine**



SINCE 1887



WELCOME TO THE PERFORMANCE  
WORLD OF YAMAHA

Whether it be hard fought competition or a  
family picnic, the great outdoors are a little  
greater with Yamaha. Enjoy the freedom of  
you, your machine and adventure.



**YAMAHA**  
It's a better  
machine

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**ON THE YAMAHA TRAIL**

See what's on the other side of the mountain and enjoy the whole trip. From the fisherman finding that secret lake to the hunter after the trophy deer or the family enjoying nature's wonderland together. All this is part of the Yamaha Trail.

**It's a better machine  
on the TRAIL**

[www.legends-yamaha-entusa.com](http://www.legends-yamaha-entusa.com)



# HT1



780.00  
 32.00  
 31.20  
 15.00  
 -----  
 858.20  
 85.00  
 -----  
 943.20

HT1-90cc Enduro

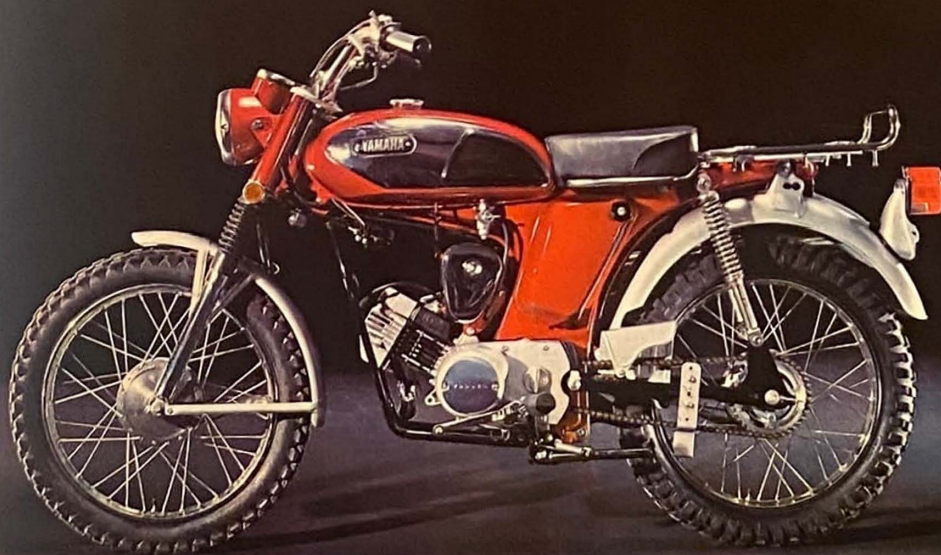
The newest addition to the Enduro line. The perfect companion to the larger machines. Enduro forks, five speed transmission, all the performance of its big brothers. Easy handling and light weight for the woman in your life. Destined to become the standard for the rest of the industry to follow.

|                              |                         |
|------------------------------|-------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Single |
| Displacement . . . . .       | 89 cc (5.43 cu. in.)    |
| Max. Horsepower . . . . .    | 8.5 bhp @ 7,000 rpm     |
| Speed Range . . . . .        | 55 mph plus             |
| Transmission . . . . .       | 5-speed                 |
| Starting System . . . . .    | Primary kick            |
| Weight . . . . .             | 187 lbs.                |
| Ground Clearance . . . . .   | 8.9 in.                 |
| Lubrication System . . . . . | Autolube                |



650.00  
 26.00  
 85.00  
 -----  
 776.00

# L5T-A



[www.legenda-yamaha-enduros.com](http://www.legenda-yamaha-enduros.com)

## L5T-A—100cc Trailmaster

The perfect machine for that weekend camping expedition. Trailmatic transmission for high and low range street and trail gearing. Convenience of electric starting with all the quality from the engineers who lead the world trail machine manufacturers. Special water and dust proof brakes. All the safety equipment for street or off the road use. Truly the leader in its class.

|                              |   |
|------------------------------|---|
| Engine . . . . .             | 2-cycle, Rotary Valve, Single                     |
| Displacement . . . . .       | 97 cc (5.92 cu. in.)                              |
| Max. Horsepower . . . . .    | 8 bhp @ 6,000 rpm                                 |
| Speed Range . . . . .        | 55 mph plus, High range<br>35 mph plus, Low range |
| Transmission . . . . .       | 3-speed, 2-step change-over system                |
| Starting System . . . . .    | Electric & Primary kick                           |
| Weight . . . . .             | 198 lbs.  |
| Ground Clearance . . . . .   | 6.3 in.   |
| Lubrication System . . . . . | Autolube  |



AT1-B





## AT1-B—125cc Enduro

The most beautiful lightweight on the mountain. The convenience of electric starting coupled with the five speed transmission and Enduro front forks make this the performance champion of its time. All the comforts of the lightweight but with the heart of the lion.

|                              |                         |
|------------------------------|-------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Single |
| Displacement . . . . .       | 123 cc (7.51 cu. in.)   |
| Max. Horsepower . . . . .    | 11.5 bhp @ 7,500 rpm    |
| Speed Range . . . . .        | 60 mph plus             |
| Transmission . . . . .       | 5-speed                 |
| Starting System . . . . .    | Electric & Primary kick |
| Weight . . . . .             | 218 lbs.                |
| Ground Clearance . . . . .   | 8.9 in.                 |
| Lubrication System . . . . . | Autolube                |

CT1-B

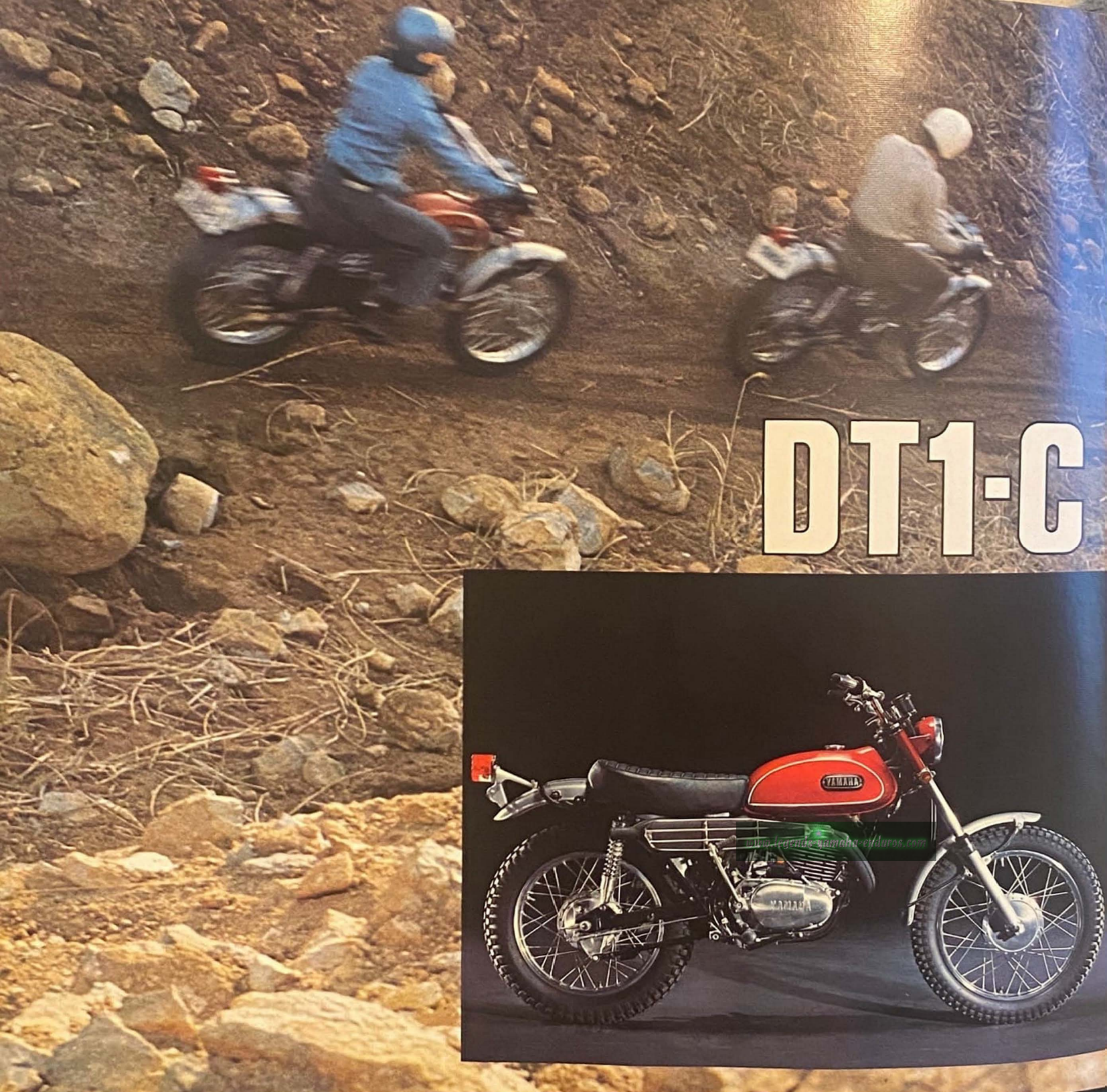


[www.legenda-garuda.com](http://www.legenda-garuda.com)

## CT1-B-175cc Enduro

The middle weight Enduro that keeps staying ahead of the big bikes. The torque of a 250. The light footed handling of a 125, with Autolube, five speed transmission and Enduro front forks. The machine that has revolutionized the middle class.

|                              |                         |
|------------------------------|-------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Single |
| Displacement . . . . .       | 171 cc (10.43 cu. in.)  |
| Max. Horsepower . . . . .    | 15.6 bhp. @ 7,000 rpm   |
| Speed Range . . . . .        | 65 mph plus             |
| Transmission . . . . .       | 5-speed                 |
| Starting System . . . . .    | Primary kick            |
| Weight . . . . .             | 211 lbs.                |
| Ground Clearance . . . . .   | 9.1 in.                 |
| Lubrication System . . . . . | Autolube                |



# DT1-C



## DT1-C-250cc Enduro

The most popular 250cc dirt machine in motorcycling history. New improvements for 1970 now make this fantastic machine even better. Overall winner in the rugged Mint 400 race proves the heart and stamina of this race bred beauty.

|                              |                         |
|------------------------------|-------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Single |
| Displacement . . . . .       | 246 cc (15.01 cu. in.)  |
| Max. Horsepower . . . . .    | 23 bhp @ 7,000 rpm      |
| Speed Range . . . . .        | 73 mph plus             |
| Transmission . . . . .       | 5-speed                 |
| Starting System . . . . .    | Primary kick            |
| Weight . . . . .             | 232 lbs.                |
| Ground Clearance . . . . .   | 9.6 in.                 |
| Lubrication System . . . . . | Autolube                |

# RT1



[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

# MOTOCROSS by YAMAHA

Presenting three of the finest machines ever produced for the sole aim of winning. The respected leaders in their class. Performance, handling and quality never found in a racing machine before.

## AT1M—125cc

The 125 that keeps competing in the 250 class. Five port power and unexcelled handling. The machine that is called "Sir" by its competition.

## DT1M—250cc

Already respected as one of the most reliable racing machines in its class. Here is proof that high performance machines can also be beautiful. Another winner from Yamaha.

## RT1M—360cc

The new top of the line performance champion. The open class winner. Fantastic performance coupled with outstanding reliability. These add up to a champion—by Yamaha.

## SPECIFICATIONS

|                    | AT1M*          | DT1M*          | RT1M*           |
|--------------------|----------------|----------------|-----------------|
| Engine             | 5-port, Single | 5-port, Single | 5-port, Single  |
| Displacement       | 123cc          | 246cc          | 351cc           |
| Max. Horsepower    | 18bhp @8500rpm | 30bhp @7000rpm | 36bhp @6500 rpm |
| Transmission       | 5-speed        | 5-speed        | 5-speed         |
| Weight             | 202 lbs.       | 229 lbs.       | 238 lbs.        |
| Ground Clearance   | 9.1 in.        | 9.9 in.        | 10.0 in.        |
| Lubrication System | Autolube       | Autolube       | Autolube        |

\* Factory Installed Gyt Kit, Front Number Plate Standard Equipment

# AT1M





**DT1M**

**RT1M**





# ROAD RACING by YAMAHA

Pictured here is the Yamaha one million dollar test track which has produced the most impressive road racing record in the history of the sport. The unbeatable Yamaha road racers. The production machine that has beaten the finest of European exotic Grand Prix machinery. The record holder at Daytona at over 150 miles an hour average speed. The respected champion of the road race fraternity.

## TD2

The winningest road racing machinery in the history of the sport. Winner of Daytona five years in a row. Winner of every AMA national road race in recent years, in its class.

|                       |                       |
|-----------------------|-----------------------|
| Engine .....          | 5-Port, Parallel Twin |
| Displacement .....    | 246 cc (15.01 cu.in.) |
| Max. horsepower ..... | 44 bhp @10,000 rpm    |
| Speed range .....     | 134 mph plus          |
| Transmission .....    | 5-speed               |
| Starting system ..... | Kick/Push             |
| Weight .....          | Approx. 220 lbs.      |





# TR2

Daytona record holder. Bonneville record holder. European Grand Prix record holder. The list could go on and on. The machine to beat on any starting line.

|                 |                         |
|-----------------|-------------------------|
| Engine          | 5-Port, Parallel Twin   |
| Displacement    | 348.2 cc (21.23 cu.in.) |
| Max. horsepower | 54 bhp @ 9,500 rpm      |
| Speed range     | 140 mph plus            |
| Transmission    | 5-speed                 |
| Starting system | Kick/Push               |
| Weight          | Approx. 245 lbs.        |



[www.legenda-yamaha-enduros.com](http://www.legenda-yamaha-enduros.com)

## ON THE YAMAHA STREET

Whether it be across the California desert, the Kansas plains or New York's Times Square Yamaha will be there. The precision quality that has set a standard of excellence unequalled in the motorcycle industry leads the way for the others to follow. A trip to the store or a trip across the United States; you can start out with confidence on a "Better Machine by Yamaha".

It's a better machine  
on the **STREET**

[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)



# XS1



## XS1-650cc Street

The new four cycle, overhead cam, five speed, that has the competition asking, "How?". The experience that Yamaha engineers have gained from developing the fantastic Toyota GT 2000 sports car is evidenced in this beautifully engineered machine. A modern masterpiece of smoothness, power and dependability. A machine that is destined to become a legend in motorcycling history.

|                              |                             |
|------------------------------|-----------------------------|
| Engine . . . . .             | 4-cycle, OHC, Parallel Twin |
| Displacement . . . . .       | 653 cc (39.85 cu. in.)      |
| Max. Horsepower . . . . .    | 53 bhp @ 7,000 rpm          |
| Speed Range . . . . .        | 115 mph plus                |
| Transmission . . . . .       | 5-speed                     |
| Starting System . . . . .    | Kick                        |
| Weight . . . . .             | 406 lbs.                    |
| Ground Clearance . . . . .   | 5.9 in.                     |
| Lubrication System . . . . . | Wet sump, Trochoid pump     |

# R5



[www.legenda-yamaha-enduros.com](http://www.legenda-yamaha-enduros.com)

## R5-350cc Street

Performance that is absolutely astounding. The porting, the piston speed, the compression ratios, the gearing changes all the intricacies of design that have been learned from designing winning road racers. Beauty and brawn built into a superb engineering achievement. This is the quality, the performance, and the record shattering design behind this new 350cc by Yamaha.

|                    |                                |
|--------------------|--------------------------------|
| Engine             | 2-cycle, 5-port, Parallel Twin |
| Displacement       | 347cc (21.18 cu.in.)           |
| Max. Horsepower    | 36 bhp @ 7,000 rpm             |
| Speed Range        | 100 mph plus                   |
| Transmission       | 5-speed                        |
| Starting System    | Primary kick                   |
| Weight             | 308 lbs.                       |
| Ground Clearance   | 6.1 in.                        |
| Lubrication System | Autolube                       |





# DS6-B





### DS6-B-250cc Street

A race built twin with an unequalled track record for dependability and performance. The convenience of separate instruments, adjustable rear shocks, the safety features of daybrite lighting, water proof brakes, all built into the five speed excellence of this 250cc street machine. New improvements in porting and cooling make this the machine that will go anywhere, anytime.

|                              |   |
|------------------------------|---|
| Engine . . . . .             | 2-cycle, 5-port, Parallel Twin  |
| Displacement . . . . .       | 246 cc (15.01 cu. in.)  |
| Max. Horsepower . . . . .    | 30 bhp @ 7,500 rpm  |
| Speed Range . . . . .        | 95 mph plus   |
| Transmission . . . . .       | 5-speed   |
| Starting System . . . . .    | <a href="http://www.legends-yamaha-enduro.com">www.legends-yamaha-enduro.com</a> . Kick |
| Weight . . . . .             | 304 lbs.  |
| Ground Clearance . . . . .   | 6.3 in.   |
| Lubrication System . . . . . | Autolube  |



CS3C



[www.legenda-yamaha-enduros.com](http://www.legenda-yamaha-enduros.com)

## CS3C—200cc Street Scrambler

A brand new world opens up for the lightweight highway class. A 200cc with the performance that belies its size. The convenience of electric starting. The smoothness of a five speed synchromesh transmission. The handling of a lightweight. The performance of a heavyweight. This is the new one from Yamaha.

|                              |                                |
|------------------------------|--------------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Parallel Twin |
| Displacement . . . . .       | 195 cc (11.89 cu. in.)         |
| Max. Horsepower . . . . .    | 22 bhp @ 7,500 rpm             |
| Speed Range . . . . .        | 85 mph plus                    |
| Transmission . . . . .       | 5-speed                        |
| Starting System . . . . .    | Electric & Primary kick        |
| Weight . . . . .             | 262 lbs.                       |
| Ground Clearance . . . . .   | 6.9 in.                        |
| Lubrication System . . . . . | Autolube                       |

HS1



## HS1-90cc Street

They said it couldn't be done. So, Yamaha did it. The twin cylinder, five horsepower machine with fantastic performance. A full five speed synchromesh transmission. A new class champion that the competition will have to catch up with. All the knowledge of motorcycle safety has gone into the design of this new winner from Yamaha.

|                              |                                |
|------------------------------|--------------------------------|
| Engine . . . . .             | 2-cycle, 5-port, Parallel Twin |
| Displacement . . . . .       | .89cc (5.43 cu.in.)            |
| Max. Horsepower . . . . .    | 4.9 bhp @ 8,000 rpm            |
| Speed Range . . . . .        | 53 mph plus                    |
| Transmission . . . . .       | 5-speed                        |
| Starting System . . . . .    | Primary kick                   |
| Weight . . . . .             | 196 lbs.                       |
| Ground Clearance . . . . .   | 6.1 in.                        |
| Lubrication System . . . . . | Autolube                       |

# G6S



[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

## G6S—80cc Street

The new style setter for the lightweight class. 80cc, five horsepower, four speed, light weight. Safety engineered to match its fantastic performance. New road racer styled tank and seat give this the flavor of the Grand Prix.

|                              |                               |
|------------------------------|-------------------------------|
| Engine . . . . .             | 2-cycle, Rotary Valve, Single |
| Displacement . . . . .       | 73 cc (4.45 cu. in.)          |
| Max. Horsepower . . . . .    | 4.9 bhp @ 7,500 rpm           |
| Speed Range . . . . .        | 50 mph plus                   |
| Transmission . . . . .       | 4-speed                       |
| Starting System . . . . .    | Primary kick                  |
| Weight . . . . .             | 170 lbs.                      |
| Ground Clearance . . . . .   | 5.3 in.                       |
| Lubrication System . . . . . | Autolube                      |



# YAMAHA



#### a) Four Cycle

Overhead cam, twin cylinder, 650cc. A new breakthrough in the heavyweight class. Racing wet sump lubrication system. Single overhead cam. Unit construction. Five speed full synchromesh transmission. The new leader by Yamaha.

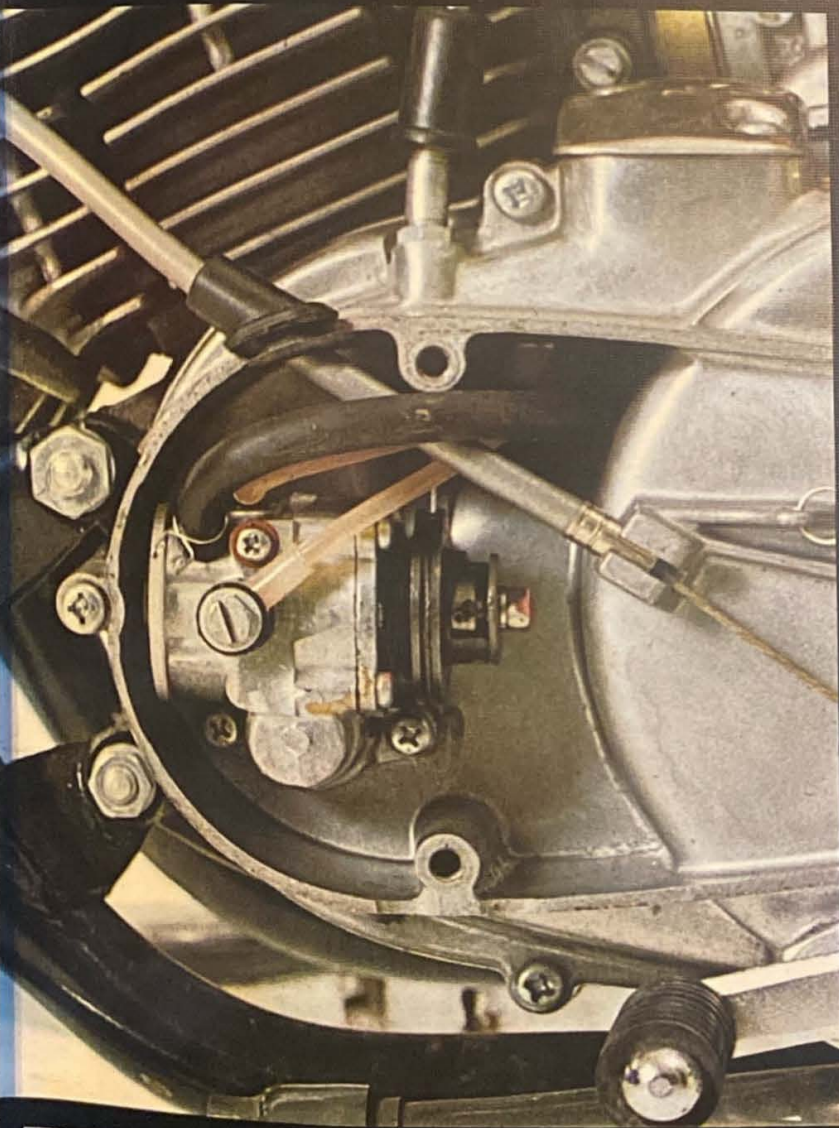


#### b) Two Cycle

Low maintenance reliability. Fantastic performance. Five port, full scavenging cylinder configuration. Performance, reliability, power, simplicity. The winning combination.

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# FEATURES



## c) Autolube

Yamaha's exclusive automatic oiling system. Proven over hundreds of thousands of racing, trail and cross country riding. The system that is controlled by engine rpm and throttle opening to give the right amount of oil for the right amount of speed. Yamaha Autolube—the proven one.



## d) Enduro Forks

The secret to the superior handling of the Yamaha Enduros. The strong, seemingly indestructible, Enduro forks that are at home whether it be sand or rock. The double dampening action that stops the jarring from ruts and rocks before it reaches the handle bars. The forks that keep you out of trouble.

# SNOWMOBILE by YAMAHA

Opening a whole new world for the winter enthusiast. Yamaha's racing reputation has now invaded the snow-mobile ranks. The engineering excellence of Autolube, five port power, vibration free twin cylinder engines are setting a new standard of excellence in snowmobiling. See the Yamaha Snowmobile: SL 338, SL 396 and Racing models SS 338, SS 396. For year around fun, it's Yamaha.



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# ACCESSORIES

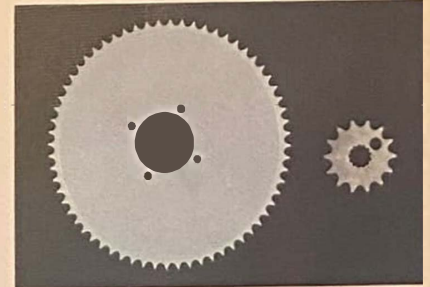
- a. Helmets, Goggles and Visors. AMA Group-1 approved Z-90 helmets. Detachable, slip-on visors.
- b. Air Cleaner. Easy-to-clean reusable element for cleaner carburetors.



a

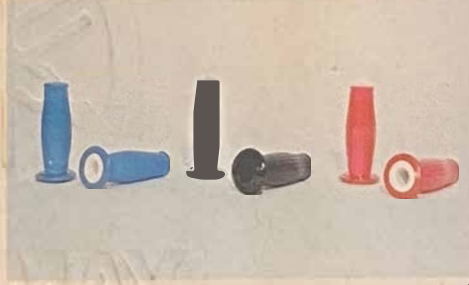
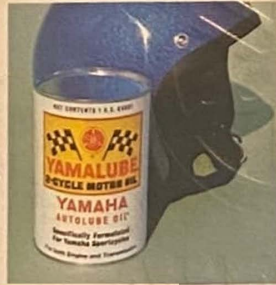
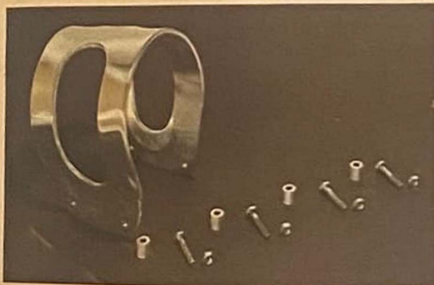
b

- c. Compression Release. AMA approved braking power for dirt riders.
- d. Sprockets. For every gear ratio from 12 to 17 teeth.



c

d



e

f

g

h

- e. Fork Brace. For superior handling in rough country.
- f. Yamalube. Motor oil reduces plug fouling and carbon build up.
- g. Grips. For riding comfort and that customized look.
- h. Polish and Cleaner. To keep your machine in tip-top condition and looking new after many hours of riding pleasure.
- i. Snowsuit. A warm winter is in store for you with the Yamaha Snowsuit. A perfect accessory for your snowmobile ride in the coldest weather.
- j. Snowmobile Cover. Helps keep your snowmobile out of the weather during those cold winter nights. Nylon "drawstring" covers that fit snug around your snowmobile. Waterproof, freezeproof.



i

j



# YAMAHA

INTERNATIONAL CORPORATION

P.O. Box 54540, Los Angeles, California 90054/Hawaii: Yamaha of Hawaii Inc. 1765 Pitt. Lingham Blvd., Honolulu, Hawaii 96817/Canada: FredDorley Ltd., 854 West 5th Street, Vancouver 9, British Columbia, Canada.

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