



A Monthly Journal for Yamaha World-Wide Dealers

YAMAHA NEWS

1968
NO. 1
JANUARY

NEW MODEL

YAMAHA 250 DT-1 NEW STANDARD TYPE SCRAMBLER MODEL

We proudly present the Yamaha DT-1, with 250 cc single cylinder so eagerly awaited by the motocross fans. The frame, engine, transmission everything is newly designed. The new design of the Yamaha 250 DT-1 offers 19 hp at 6,000 rpm. and a maximum torque of 2.5 kg-m at 4,000 rpm. It is even equipped with a tachometer, giving its lucky owner that superb feeling.

SPECIFICATIONS

PERFORMANCE

Maximum Speed70 mph (112 kph) or more

Climbing Ability35°

Min. Turning Radius1,920 mm

Min. Braking Distance.....12.5 m @ 50 kph

ENGINE (5-port Parallel Twin Engine)

Lubricating systemAuto lube

Bore & Stroke70 x 64

Displacement.....246 cc

Compression Ratio6.8 : 1

Maximum Horsepower.....18.5 @ 6,000 rpm.

Maximum Torque2.32 kg-m @ 5,000

Starting SystemPrimary coupled kick

DIMENSIONS

Overall Length.....2,060 mm 81.11 in.

Overall Width 850 mm 34.61 in.

Overall Height.....1,070 mm 42.1 in.

Wheelbase1,345 mm 53.0 in.

Min. Ground Clearance 240 mm 9.5 in.

WEIGHT NET108 kg 238 lbs.

FUEL TANK CAPACITY 9.5 l 2.5 gal.

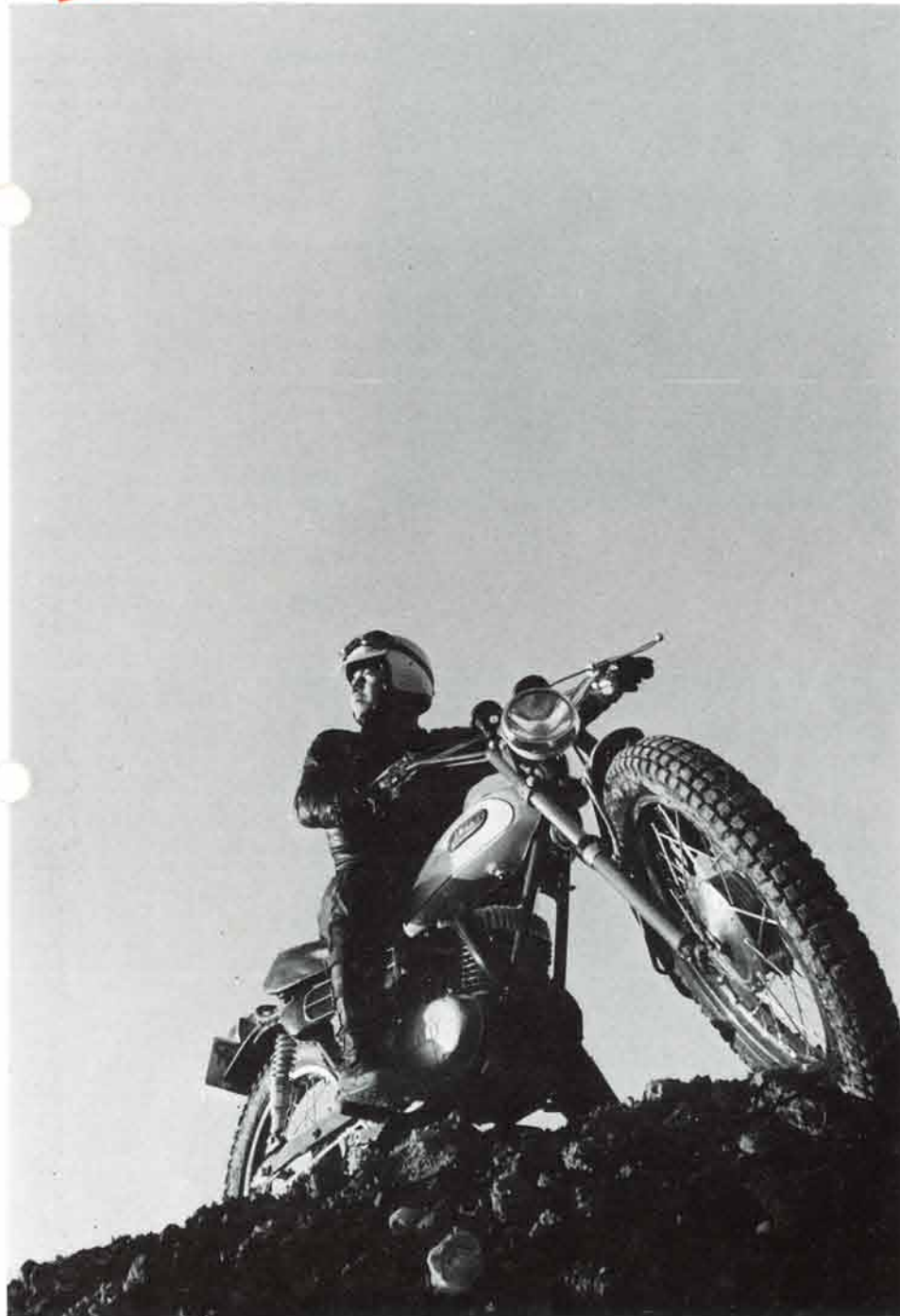
OIL TANK CAPACITY 1.6 l 1.6 qt.

TIRES Front3.25-19-4 P. R.

Rear4.00-18-4 P. R.



Exhaust pipe painted in black gives a dynamic look.



NEW MODEL

NEW PRODUCTS TWO DIFFERENT TYPES OF CARS AUTHENTIC SCRAMBLER MODELS PUT ON THE MARKET

Scrambler Models of the YAS-1 and the YCS-1 have been created after the enviable reputations earned by these two machines since being put on sale. The 5-port cylinder engine, a topic of interest around the world, has been employed for both. The style is of powerful design with the upswept muffler and engine guard. The out-size lights were adopted in full consideration of safety on the highways.



YAMAHA 125 YAS-1C

SPECIFICATIONS OF YAMAHA 125 MODEL YAS-1C SCRAMBLER

PERFORMANCE

Maximum speed ...115—120 km/h
(71.5—74.6 mph)
Climbing ability ...22.5 degree
Min. turning radius 1,750 mm (68.9 in.)
Min. Braking Distance
.....11.5 m (37.7 ft) @
50 km/h (31.1 mph)

ENGINE

.....5-Port Parallel Twin
Lubricating system Yamaha Autolube
Bore & Stroke.....43 mm x 43 mm
Displacement124 cc
Compression ratio 7.0 : 1
Maximum horsepower
.....13.8 HP @ 8,000 rpm.
Maximum torque ...1.3 kg-m @ 7,500 rpm.

Starting system ...Kick

DIMENSIONS

Overall length.....1,855 mm 73.0 in.
Overall width 810 mm 31.9 in.
Overall height.....1,005 mm 39.6 in.
Wheelbase1,200 mm 47.2 in.
Min. ground clearance
..... 150 mm 5.9 in.

WEIGHT (DRY)...112 kgs 247 lbs.

FUEL TANK CAPACITY

.....9.5 litre 2.5 gal.

OIL TANK CAPACITY

.....1.5 litre 1.5 qt.

TIRES

Front2.50-18-4 P. R.
Rear.....2.75-18-4 P. R.

SPECIFICATIONS OF YAMAHA 180 MODEL YCS-1C (Scrambler)

PERFORMANCE

Maximum Speed ...125—130 km/h
(77—80 mph)
Climbing ability ...23 degree
Min. turning radius 2,050 mm (80.7 in.)
Min. Braking Distance
.....12 m (49 ft.) @ 50
km/h (30 mph)

ENGINE

.....5-Port Parallel Twin
Lubricating system Yamaha Autolube
Bore & Stroke.....50 mm x 46 mm
Displacement180 cc
Compression ratio 7.4 : 1
Maximum horsepower
.....21 HP @ 7,500 rpm.
Maximum torque ...2.0 kg-m (14.5 ft.
lbs) @ 7,000 rpm.
Starting system ...Electric and Kick

DIMENSIONS

Overall length.....1,920.2 mm 75.6 in.
Overall width 764.5 mm 30.1 in.
Overall height..... 995.7 mm 39.2 in.
Wheelbase1,244.6 mm 49.0 in.
Min. ground clearance
..... 170.1 mm 6.7 in.

WEIGHT119 kgs 262 lbs.

FUEL TANK CAPACITY

.....11.4 litre 3.3 gal.

OIL TANK CAPACITY

.....1.9 litre 2.0 qt.

TIRES

Front2.75-18-4 P. R.
Rear.....3.00-18-4 P. R.

YAMAHA 180 YCS-1C



FOUR YAMAHA MACHINES WITH ADDITIONAL SAFETY

The Yamaha Series to be released in 1968 will have exciting new improvements. These improved machines are the YL-1, YL-2, YL 2-C and the YCS-1. The lights including the flasher light are the main point of improvement: All the machines are provided with larger lights for added safety. In addition the YL2-C was given a new color as well as increased horse power. The YCS-1 has been equipped with the 5-port engine now attracting wide atten-

sion.

For the YL-1, the lights are larger and brighter to enhance safety. The YL 2-C employs a new and different color and was injected with extra horse power. Large sized lights and seats with lateral stripes are featured with the YCS-2, and it boasts a 5-port cylinder engine.



YL-2C



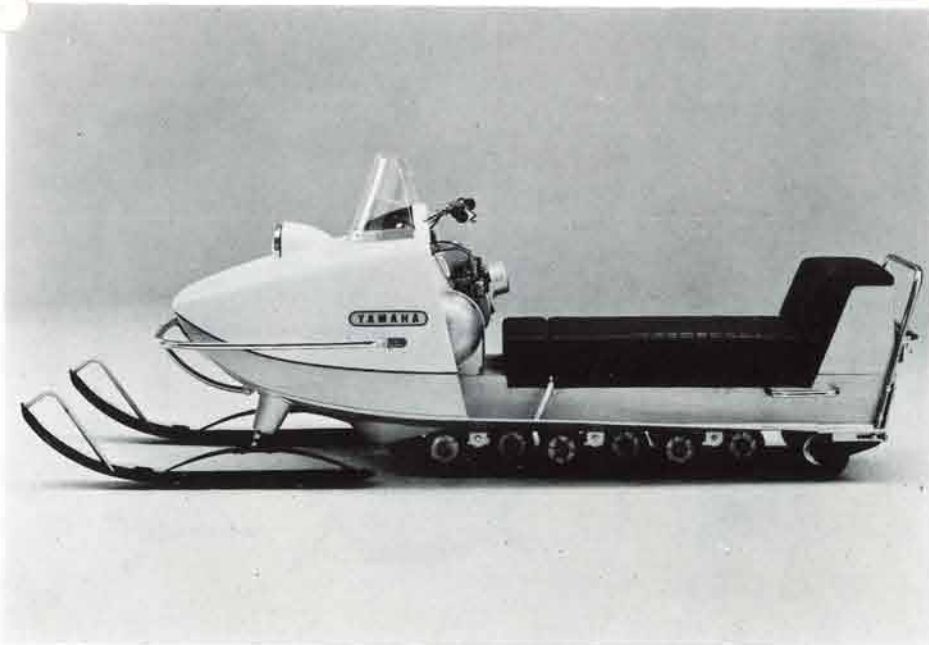
YL-2



YL-1



YCS-1

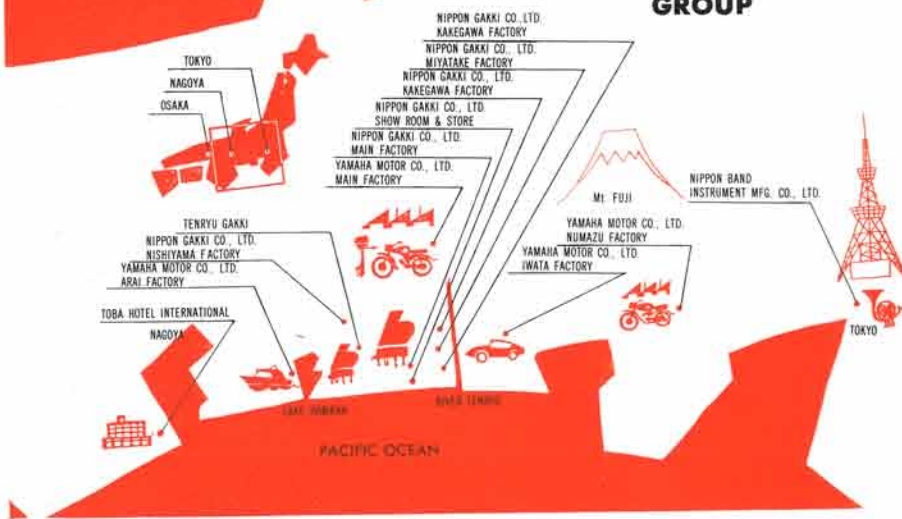


Yamaha Snowmobile SL-350

This power sled, the Yamaha Snowmobile SL-350, was designed to carry the engine of the popular Yamaha 350 R-2. It is a nimble two-seat model featuring the exciting high speed of 40 mph. Even under conditions in which no motorcycle can operate, you can enjoy the pleasure of piloting the Yamaha Snowmobile SL-350. Engineered with a body of glass fiber and an aluminum cylinder engine, great success was attained in rendering it light in weight. The cushions, a wide 400 mm, wipe away fatigue even after long hours of riding. The disc brake system has been adopted to stop the machine surely and safely under any conditions.

THE YAMAHA GROUP

YAMAHA GROUP

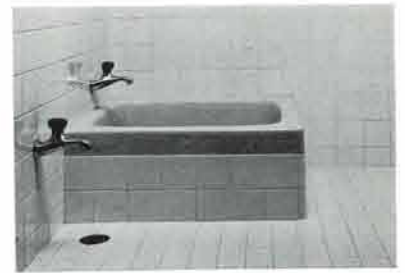


The name "Yamaha" calls to mind a variety of things in Japan. The most well known Yamaha must be the piano. The entire population of Japan has had experience with Yamaha musical instruments in their music lessons at school. They may have been organs, harmonicas, or pianos. Recently, Yamaha is also making remarkable development as an integrated manufacturer of musical instruments such as drums, wind instruments, guitars and Electronic organs. Outstanding is the number of pianos manufactured throughout the year which exceeds 100,000. This is a number unparalleled anywhere in the world, which along with their quality, came as a surprise in the piano manufacturing circle. Those who had come to appreciate Yamaha through its musical instruments have been repeatedly amazed over the last ten years at the number and variety of Yamaha products placed on the market one after another. Moreover since all Yamaha products have been

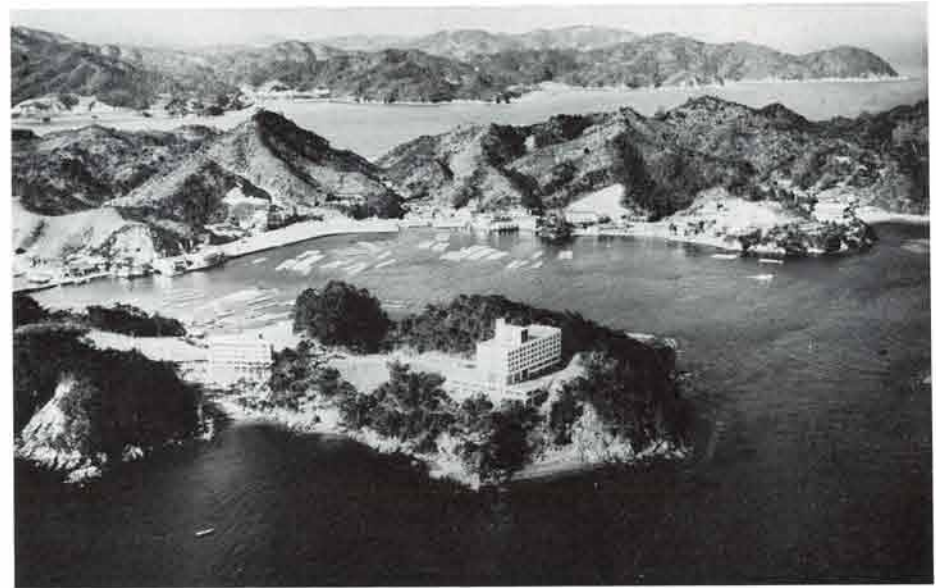


Musical instruments with "YAMAHA" brand.

recognized to be the top quality in their fields, the Yamaha image has sprung to life in them also. Perhaps to you who are reading this News. Since Yamaha was established as manufacturer of musical instruments in 1887, it is easy to imagine the surprise of the Japanese when they saw a Yamaha motorcycle. Some people actually thought they would hear music coming out of the muffler! The manufacture of motorcycles was not, however, a casual idea. It was to be based on the techniques of the airplane propeller precision machine industry, which had in turn been based on the techniques developed in laminating. Later, from original Yamaha FRP techniques, there was begun the manufacture of boats, skis, and archery equipment. This FRP technique was further developed to include a list of products ranging from fishing boats to bath tubs for home use. The Yamaha brand is expanding even to broader fields. At first, this astounding variety of products may seem to be completely unrelated. But one thing common to them all is their ability to "create delight". Yamaha has even dipped its fingers into the delights of the service industry, and Toba International Hotel was established at Toba, the home of pearls, to provide you who come to Japan for sightseeing with a beautiful and pleasant memory.



↑ FRP both tub
← Archery
Ski
Water heater →

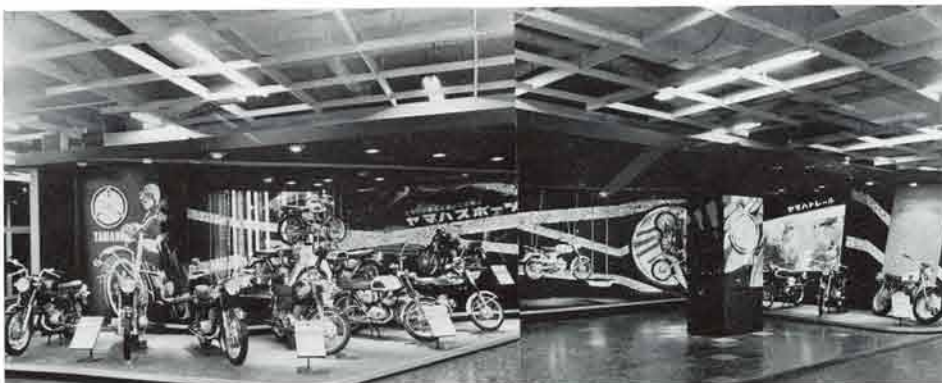


Air view of the Toba International Hotel. Rafts seen beyond the hotel are for pearl cultivation. Toba is the home of Japanese pearls.

TOKYO MOTOR SHOW OPENS

The Motor Show held every autumn in Japan has reached its thirteenth year this year. The Yamaha Corner was the most popular of all in the Motorcycle Section. The YAS-1 being dipped into a tank of water brought gasps of amazement from the many visitors to the show to demonstrate Yamaha's completeness in water proofing and dust proofing.

In addition, the DT-1, 250 single cylinder scrambler and motorcycle painted in psychedelic colors on a rotating stand was the whole show for the young people.



Yamaha Corner with the Sports Series on display.



Amazement was produced by the YAS-1 swimming around with the fish in a tank of water. This was the talk of the Motor Show.

YAMAHA Topics

ONE OF THE HIGHLIGHTS of the 1967 Internatinal Six-day Trial was the first-ever Yamaha team sponsored by a canadian dealer. They gave an air of freshness to the race, though failed to win. Pictured here are Rudi Marci, Carl Bastedo and Larry Bastedo from left to right.



YAMAHA HAS TURNED OUT TO BE THE MOST SUCCESSFUL MAKE in the 1967 road race in West Germany. Mr. Wolfgang Camphausen, a young Yamaha dealer rode a TD1-B in this race, and won the 250cc junior championship. He swept the title-deciding races including the famous Nurburgring round. Mr. Trag on his TD1-B won second place in this race.



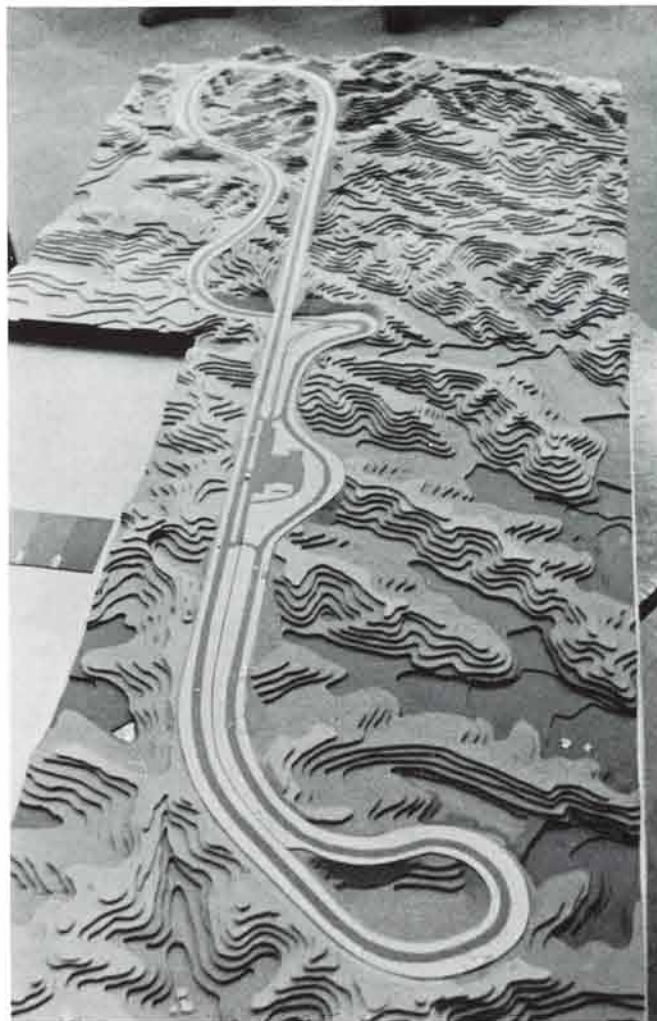
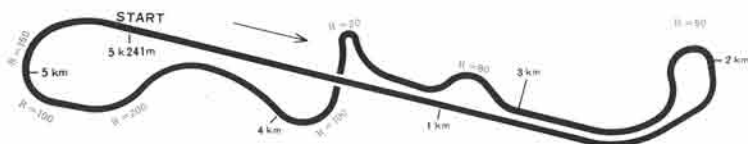
YL-1 RACER PLAYING TOP ROLE AT CANADIAN GP The machine used by Jim Coopey in taking second place behind world wide champion Bill Ivy in the 125cc class at the recently held Canadian Prix was the 100cc YL-1 6-speed Racer. That a stock machine has won a top level prize among works racers drew wide and appreciative attention. This racer was tuned up by Fred Deeley, Ltd., the Yamaha Dealer in Vancouver. The frame and other parts are Yamaha originals.



POPULARITY IS EVERGROWING for Yamaha boats as well as for Yamaha motorcycles around the world. Amsteltechniek N. V., a Dutch distributor of Yamaha products has recently entered into the local production of renowned FRP runabouts. Aboard a test model, she is quite satisfied with its high power and outstanding performance.

UNDERTAKING OF NEW YAMAHA TEST COURSE

YAMAHA TEST COURSE



A full scale test circuit is to be built by Yamaha to replace the small scale Tenryu Test Course. The Yamaha Test Course will be of easy access in its location near Fukuroi the third station from Hamamatsu on the Tokaido Line and also convenient to the Tokyo-Nagoya Expressway to be newly constructed. It will be a high speed technical course with a 5,241 km circuit and a 1,700 meter straight away. Upon completion of the course, not only works racers and stock machines, but such cars as the Toyota 2000 GT and the quality high speed Yamaha touring cars can be given extensive tests.

Left: A scale model of the course as it will actually be. A very interesting course with many hills and slopes.



The group arrives at the Head Office to be greeted by the entire staff.

AMERICAN & CANADIAN DEALERS' VISIT TO JAPAN Seventy one dealers from the United States and Canada visited the Yamaha Head Office on November 10. They are the dealers all made outstanding showings in the 1967 dealer contest and are working daily for more Yamaha fans. At the Head Office, talks with the management, a visit to the factory and trial rides were arranged for them to serve as an aid in arriving at next year's sales policy. This was followed by a pleasurable ten day sightseeing tour.



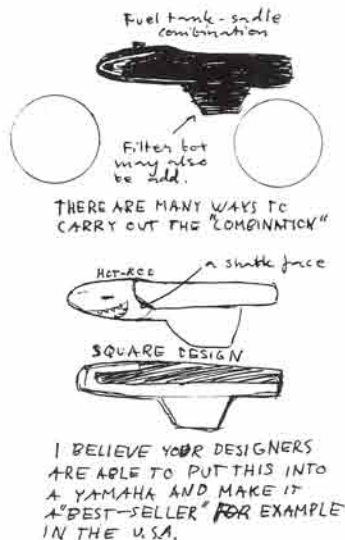
Snapshots of the trial rides: The ladies don't give an inch to the men when it comes to riding, too!



YDS-3 WATER COOLED RACER Student K. Leonhart of Technology High School in Munich, West Germany, remodelled his favorite YDS-3 to a water cooling system after the Grand Prix racer, drawing avid interest of race riders. As might be expected of a future doctor of engineering, the fine way he has reworked his machine has brought him high praise.

YAMAHA
Topics

This column is made available for Yamaha enthusiasts around the world. Tell what you think, and what you want of Yamaha, please.



I wonder if you have ever been interested in having any ideas from outsiders. In good hope I'm sending you some of my ideas. These are just ideas, not designs ready for use, I think. I like Yamahas. Especially, I like the Twin Jet. I hope I could one day be able to get one. Well, there is nothing wrong with Honda, Suzuki and Kawasaki which are the other brands imported. But, Yamaha has something for me. My taste fits yours.

Faithfully yours,

Erkki Ninisto (age 15)
Perttelintie 76
Salo, Finland

1955 THE HISTORY OF YAMAHA 1967

TWELVE YEARS WITH YAMAHA

First Bid for the 125 cc Title

The 1966 World Grand Prix Series opened with the Spanish round on the Barcelona park circuit, attracting some 100,000 spectators. The center of interest was the 125 cc class, for it was competed by three powerful teams—Honda, Suzuki and Yamaha. Yamaha was the fresh challenger to the title which had been taken by Honda and Suzuki alternately since 1961. Bill Ivy, a new mate of Yamaha to lead the 1966 attack proved competent. He rode an incredibly fast Yamaha twin into victory, beating Honda and Suzuki rivals. It was his first classic win in his racing career. The 1966 title contest turned out to be a thrilled duel between Bill Ivy and L. Taveri, a 37-year old ace clinched the title by a slightest margin. Ivy snatched four wins including his first TT victory throughout the season.

Yamaha clinches the 125 cc Title

The 1967 curtain raiser was the Spanish Grand Prix as usual. Yamaha's entirely new machines made their debut to win the 125 cc and 250 cc races. The water-cooled 250 cc four appeared almost the same as the 1966 type, but its performance was found much higher. What was more fantastic was the first classic outing

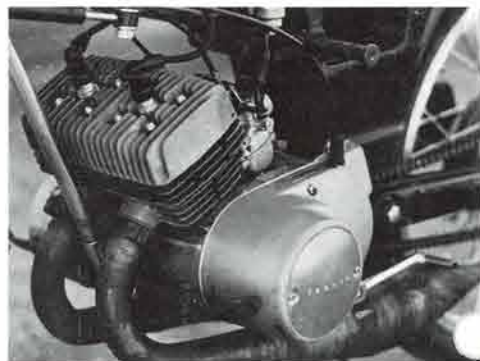


Bill Ivy beaming with joy after his first TT victory.

of the water-cooled 125 cc four. Bill Ivy and Phil Read monopolizing first and second places in the 125 cc race staked a decisive claim to the 1967 title. It was the beginning of Yamaha's sweeping attack for 1967. Ivy supported by Read was speeding the way to the 125 cc title almost unchallenged. Only threat came from S. Graham on a Suzuki twin. Graham made his desperate effort to beat Yamahas, but all in vain. Yamaha won the 125 cc title for 1967 by a perfect score of 56 points as the result of the Ulster Grand Prix, the 9th round of the series. Yamaha's wins included a dramatic TT hat trick by Phil Read.

Ultra-mini Twin YL-1

Yamaha presented the ultra-mini twin model YL-1 at the 1967 Tokyo Motor Show which was held in November. This is the first twin sportster in the 100 cc class, and aroused the profound admiration of ever-novelty thirsty enthusiasts attending the Show. The YL-1 performs like a bigger motorbike, but handles as easy as a moped. Thus it has acquired the nickname of "Mini YDS-3" after the world-famous Yamaha 250 cc twin sportster.



The world's first 100 cc twin cylinder engine in touring models.

Yamaha's New 5-port Cylinder

One of Yamaha's latest technical achievements is the 5-port cylinder. This new design of the 5-port cylinder proved to be the most successful with the 250 cc TD1-C winning many races abroad. Now Yamaha is planning to adopt the new cylinder in all Yamaha motorcycles on the production line, beginning with the YAS-1 125 cc sportster which was on display at the 1967 Tokyo Motor Show.

Among other new designs of Yamaha in 1967 were the employment of its unique labyrinth packing sealing the center of the crankcase and metallic bond iron sleeve of the cylinder. These improvements have resulted in higher engine performance, along with the 5-port cylinder.