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YAMAHA NEWS

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YAMAHA'S PROGRESS KNOWS NO BOUNDS



New factory built in succession

Yamaha has marked an epoch-making stride in the field of 2-stroke engineering by developing revolutionary Autolube and putting rotary valve into practical use for the first time. Because of this established reputation, Yamaha products are winning enormous popularity throughout the world, and to meet this world-wide demand evergrowing, Yamaha has recently perfected production-and-service systems in a notable manner.

So far Yamaha has been pressing forward to construct a new factory on a site adjacent to Main Factory, Hamakita, Shizuoka pref. At this stage it is put into partial operation. New factory covers some 12,870 m² and is equipped with the ultra-modern facilities worth \$ 1,944,440 approx. Particular stress is laid on the interior layout which enables every process of production from painting to assembly to be worked out in the most efficient way. Yamaha's yearly output will be doubled up to 600,000 by a full operation of new factory in September and supply-flow of products is expected to be much smoother. Further, attention is invited to another new factory which Yamaha is now building on a 148,000 m²-site, Iwata District, Shizuoka pref., and its full-wing output is estimated two times as much as that of Main Factory. As for this new factory, a 7,590 m² storehouse has been already completed and put into the fullest operation as parts center to secure an efficient service system. Iwata, on the other hand, is noted as the technical center to develop Toyota 2000GT that has been produced by technical tie-up between Yamaha and Toyota, the biggest car maker in the East. New factory under construction in Arai District west of Lake Hamana is for enlarged demand of motor boat and bath-tub. Yamaha is going steadily in this field of market, too.

Indeed, Yamaha's progress knows no bounds!



Yamaha's technical staff in completely equipped research room of new factory. They are the backbone of Yamaha, engineering pioneer in the world.



Yamaha Racing Highlights

INVINCIBLE YAMAHA AHEAD IN THE 125cc CLASS TITLE CHASING

World GP

Yamaha brilliantly scored twice to go ahead in the 125cc class title in International Grand Prix Road Racings. Bill Ivy, Yamaha's top runner won races in Spain and Holland. In both races, L. Taveri on Honda five made a desperate challenge to stop this underweight dicer. But it was in vain. Ivy on Yamaha 2-stroke twin was really invincible. In Spanish GP he retained an overwhelming lead from the start to the finish to score his first classic win setting up a new race record (112.57 km/h). Yamaha-Honda heated battle was an absolute highlight in Dutch TT. Ivy on new Yamaha thrilled the Dutch crowds to win this battle. His rocketing Yamaha never allowed L. Taveri on Honda five to close 2-second gap between them until the finish. P. Read on another Yamaha played the best part in this race. Forcing his way between Ivy and Taveri or moving back into Taveri's slipstream, he checked this rival to support Ivy ... excellent teamwork of Yamaha. Their Yamahas looked quite same as old ones '65 in appearance but were found much improved in weight for higher performance. On this twisting course Ivy marked an outstanding new record (136.22 km/h).

—Yamaha is unbeaten and steadily going its way to glory.—



Two Yamahas — P. Read ⑧ and B. Ivy ⑨ — screaming ahead of L. Taveri ⑥ at the opening lap of 125 cc class racing, Dutch TT.

International Events

ENGLAND ... Two classes were most sensationally won by Yamaha in Mallory Park International Road Race Meeting, England, where almost all of star riders including reigning champions took part. In 125cc class, B. Ivy led the field from the 3rd lap without any threat from rivals on other makes. Ivy won this race with a new record (81.111 mph) and his teammate, Motohashi ran home into comfortable 2nd place. J. Redman's Honda four was beaten by a pair of Yamahas in 250cc class. Read and Ivy on Yamahas roared alone to monopolize the top and 2nd. Finally, Read came first with Ivy aback by single wheel. Both of lap and race times were records. "Terrible" was an impression on Yamaha's performance.

HONGKONG ... J. MacDonald on Yamaha TD1-B was the hero in Spring Sprint held by Hongkong Motor Sports Club. He won the race demonstrating Yamaha's performance superior to those of other bigger bikes in the open class.

SALVADOR ... Yamaha was proven the most successful make in the Central-South American Road Race Championship Meeting. Two Yamaha teams from Salvador and Costa Rica played an extremely impressive part in all racings ranged from 50cc to the open class. Salvador team won the title with double wins in 100cc and 250cc classes.

BRITISH GUIANA ... Yamaha shocked the rivals by sweeping three classes in Guiana. Yamaha's predominance was striking in each class. 50 YF1, 80 YG1, and TD-1 250 never failed to have its own chance to demonstrate the matchless performance at the presence of 15,000 racing enthusiasts. Three wins and one second were wonderful, indeed, I. Allison, triple winner became an absolute champion.

National Events

ALL JAPAN MOTO-CROSS ... In this category of sports, Yamaha has become most distinguished in Japan. Yamaha turned the 14th All Japan Moto-Cross its own day by winning open class with I. Arai, Senior 125cc class with K. Miyoshi, Novice 250cc class with T. Iijima. This big national event was organized by Motorcycling Federation of Japan (MFJ) on a specially set up course of Fuji Speedway Circuit.

HAMAMATSU GRAND RACE ... I. Arai, Yamaha's veteran rider fought to win the open class final, a main event of Hamamatsu Grand Race Meeting on Hamamatsu Autorace Circuit. In this class, Y. Kawashima's YL-1 took the third place demonstrating a notable performance well matched against other makes. Kawashima scored one win in Novice 100cc with the second in Novice 125cc. Both by YL-1! S. Hakamada brought Yamaha one more win in Novice 250cc.



HAPPIER START WITH "MATE" (YAMAHA 75). Smiling with Mate to pose for camera. "How happy we are", says their looking. Yes, they are just married! Their new life would be much happier with "Yamaha MATE=Yamaha 75" as one of home necessities.



A WELCOME GUEST! Accompanied by Mr. F. Fukukawa, an interpreter, Lt. General Morris A. Preston, Supreme Commander of US Army in Japan is now carefully watching the efficient work-flow in Yamaha Factory, Hamakita. His family are all charmed up by Yamaha products ... son by bikes, daughter and Japanese wife by pianos. His purpose is to view how they are produced at the spot. General seems deeply impressed by Yamaha products of the best quality and highest performance.

YAMAHA'S Topics

CONTRIBUTION WANTED. News, photographs, and any bit of correspondence on YAMAHA in your district would be most welcome for this journal.

—Nippon Gakki Co., Ltd. Hamamatsu, Japan—



MR. YOSHIDA HAS COME TO SOUTH AMERICA. On his 2-year world-round tour over 51 countries by Yamaha YDS-3 loaden with baggage since July 1965, Mr. S. Yoshida got to Quito, Ecuador on June 25 after visiting major cities in Canada and America. On June 30, he entered Peru to continue his nice journey. In Quito he was so warmly received by the staff of Casa Cordovez S. A., accompanied by other 8 Yamahas Mr. Yoshida's YDS-3 proceeded through the town, which was the most eye-catching parade. His touring reported in the press and telev. interviewers, to the fullest extent. In Columbia and Ecuador, the poorer are roads through highlands, the further he advances from major cities, but nothing can prevent his Yamaha from smooth going. He has already covered the mileage amounting to 46,000 km. His Yamaha will undergo preventive maintenance in Lima to advance to Argentina and Brazil over the Andes.

—Let's cheer him up for his successful trip!



AUTOLUBE SERVICE TRIP TO SOUTH-EAST ASIA. Experts throughout the world are unanimous to admire the outstanding features of Yamaha Autolube, and up to now more than 500,000 Autolube bikes have been sold all over the world. Mr. Minami, Yamaha service engineer has come back after completion of Autolube service trip over South-East Asian countries. His trip forms a part of Yamaha's world-wide campaign designed to give both dealers and users more knowledge of correct Autolube service and maintenance. The merit of his trip is so much significant. (at Manila Branch, Norkis Trading Co., Philippine.)

 * **NEW MODEL** *

MORE POWER PLUS MORE ECONOMY

YAMAHA YL-2 100 introduced

Yamaha's new single Autolube model YL-2 100 has recently joined the line to strengthen much more the smaller class, in which Yamaha enjoys a high reputation throughout the world for brisk performance and smooth handling.

This newcomer remarkably features more power and more economy. Two-stroke single engine with rotary-disc valve is basically same as that of YG-1 80, brother in this class. This power plant produces the output deserving recognition. Maximum figure—9.5 HP/7,500 rpm with top speed—110 km/h is really outstanding and found matchless in this class when compared with those of other makes including Honda 90 Sport (8.0 HP/9,000 rpm, 100 km/h) and Suzuki 120 (9.0HP/7,000rpm, 105 km/h). Primary kick starting method makes it stir by one touch regardless of the position of transmission gear. Four-speed gear changing is extremely smooth and Yamaha's unique Autolube is always feeding engine with proper amount of oil automatically regulated by throttle opening and engine revolution. This guarantees vigorous riders a comfortable long-time riding at high speed without any bit of uneasiness. But they never fail to enjoy another advantage of this new model ... easier service and less upkeep. Mechanical simplicity of two-stroke single engine makes it possible even for the novice to achieve the first class result in maintenance work. YL-2 can cover the mileage of some 70 km per litre at 40 km/h, which are reserved but unequalled figures in this



class again. Torque figure amounting up to 0.94 kg-m/5,500 rpm is excellent and reflected in brisk acceleration and 22-degree climbing ability superior to those of Honda and Suzuki (18 degrees). Entirely new 7-bone frame is closed type by one-unit welding which gives this model an elegant looking with wonderful robustness for trailing purpose. Roadholding on the roughest surface of road is surprisingly good with 2.50"-18.0"-4 PR tyres considerably wider than those of YG-1. In a word YL-2 performs like 125 cc class motorcycle with

upkeep as low as 50 cc moped, and may well be called the elder brother of YG-1 in size and performance.

In addition to twin brother YL-1, this model will be pushed to the front in the markets throughout the world in near future.

Dimensions

Overall length - 1.915 m, Overall width - 0.715 m
 Overall height - 1.060 m, Wheelbase - 1.190 m, Road clearance - 0.140 m, Weight - 100 kg, Minimum turning radius - 1.870 m

Performance

Maximum speed - 110 km/h, Fuel consumption - 70 km/lit. (40 km/h), Climbing ability - 22 degrees, Braking distance - 7 m (35 km/h)

Engine

Displacement - 97 cc, Two-stroke single rotary-disc valve, Compression ratio - 7.2:1, Maximum output - 9.5 HP/7,500 rpm, Maximum torque - 0.94 kg-m/5,500 rpm, Starting method - primary kick, Lubrication - Autolube.

Fuel tank capacity - 8.4 lit. (2.2 gal.)
 Oil tank capacity - 1.6 lit. (1.7 qt.)
 Tyre (front and rear) 2.50" - 18.0" - 4 PR
 Reduction ratio - 1st 3.077 : 1 (26.204)
 2nd 1.889 : 1 (16.087)
 3rd 1.304 : 1 (11.104)
 Top 0.963 : 1 (8.201)



YAMAHA'S
Bikky

R. ANDO

