

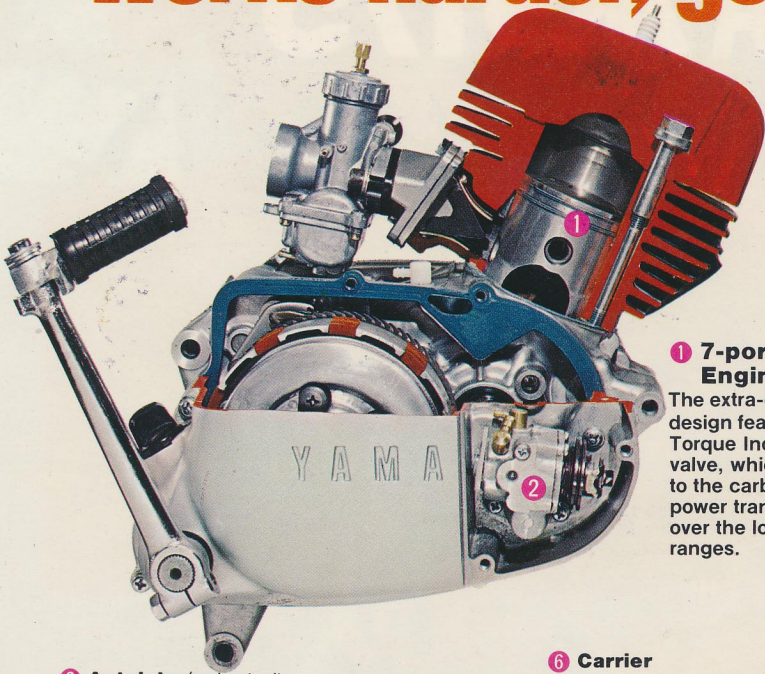


YAMAHA AG175

"ag bike"



Works harder, goes farther... YAMAHA



1 7-port Torque Induction Engine (Patented)

The extra-durable, 7-port engine design features an aluminium cylinder. Torque Induction with V type reed valve, which eliminates "blow-back" to the carburetor, to increase the power transferred to the rear wheel over the low and middle speed ranges.

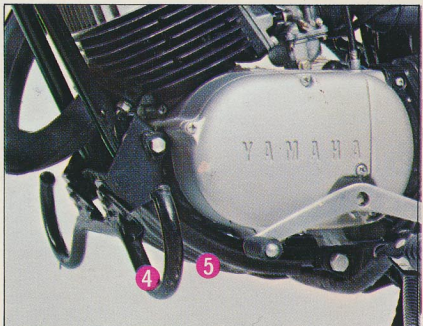
2 Autolube (patented)

YAMAHA's autolube, the separate lubrication supply system, continually supplies the appropriate quantity of oil with respect to the speed of the engine and the throttle opening. This system saves oil and lengthens the life of the engine.



3 Petrol tank (Patent pending)

The large petrol tank has been made wider with a flat top so that it can also be used as a carrying surface. The non-skid design further facilitates the carrying of loads, and the distance between fuel stops is farther.



4 Foot-peg guards (patent pending)

For added protection under severe operating conditions, guards were installed low on the machine to protect the brake pedal, shift lever and the rider's feet from injury due to rocks and other obstacles.

5 Engine guard plate

The engine guard plate protects the engine from rocks, stumps and other obstacles along the path. The guard plate also prevents mud build-up which could cause the engine to overheat.

6 Carrier

The extra-large carrier is strong enough to carry tools and equipment; even a large sheep dog. Holes are located in the carrier for additions, if required.

7 Tool box (Patent pending)

Conveniently located under the rear luggage carrier is a tool box for carrying essential tools necessary for making minor adjustments and repairs in the field.



8 Mud flaps (front and rear) (Patent pending)

Large, flexible mud flaps have been attached to the rear of each fender to deflect mud, water and other material picked up and slung by the tyres. Protects not only the rider, but also those following behind.

9 Rear brake rod

The rear brake rod is located high on the top side of the brake drum keeping it safely away from obstacles along the path which might affect its operation.

10 Lever covers

The ends of the control cables for the brake and clutch are equipped with rubber covers to prevent dust, water and other foreign material from entering and affecting the operation.

11 Muffler

The muffler is designed to reduce the engine noise to a minimum while maintaining the most efficient exhausting operation. This low-noise design is especially suited for working around sheep and other livestock which tend to become frightened at loud noises.

12 Seat

The tough covering on the large seat is able to withstand rain and even the claws of animals. Design low for a big man to also use his feet while riding, if necessary.

13 Shock absorbers

The rear shock absorbers are adjustable in 5 steps so that the rear-cushion effect can be adjusted to match the load and the riding terrain. This not improves comfort, but also improves control.

14 Knobby tyres with bead stopper (front and rear)

The knobby-tyre design was selected for positive traction and maximum pull over all types of terrain. Also, the tyres are equipped with bead stoppers which prevent the tyre from slipping on the rim should the air pressure become low.

A'S NEW "ag bike" AG175



19 Guards for control lever protection (Patent pending)

To further increase the strength of the control levers to withstand falls and extraordinary rough use, these control levers are protected by tubular steel guards which are enough for big, gloved hands.

21 Front guard with spring clamp carrier (Patent pending)

The wide-field-of-vision headlight is protected, along with the speedometer, by a steel guard. And included on the top of the guard is a spring-clamp carrier for carrying smaller items, such as books or documents.

15 Air cleaners (Patent pending)

To assure adequate protection from dust and dirt, a double air-filtering system is utilized containing an ordinary wet element in the lower section and an easily-removable, dry polyurethane element in the upper section.

22 Front fender

The front fender of the AG bike is constructed using polypropylene to give it maximum flexibility and durability.

23 Enduro front forks

The spring-and oil-damper front forks are designed to smooth out the shocks received from the roughest terrain while maintaining optimum control of the machine.

24 Exhaust pipe protector

The forward portion of the exhaust pipe is equipped with a special plate to protect the leg from becoming burned if it should contact the exhaust pipe.

25 Double-cradle frame

The high-tensile-strength, tubular steel, double-cradle frame is able to withstand the roughest road shocks plus excessive twisting forces which are incurred when the machine is dropped or ridden hard.

16 Primary kick starter

The primary kick starter quickly and easily starts the machine in any gear, and the foot pedal conveniently folds away when not in use.

17 Control-cable guard

The front brake cable is protected from becoming snagged and damaged by a specially-designed guard.

18 Water-and dustproof brakes (front and rear)

The drum-type brakes are large and fade-free, and for further assurance, they are waterproof and dustproof. The AG bike can be ridden through rain, sleet, snow or a dust storm with absolute confidence.

20 5-speed transmission

The transmission of the AG Bike has been selected to offer the easiest possible operation from walking speeds to openroad speeds. Also, neutral is positioned at the lowest point so that it may be found quickly and positively.

26 Full-chain case with dust cover and guard (Patent pending)

To eliminate problems caused by mud and other material clogging the chain, and to prevent dust and dirt from entering the engine-drive portion, a full-chain case with front dust cover has been added. And to protect the chain case, a chain-case guard has been included.

27 Magneto and flywheel mass

The magneto and flywheel mass have been increased and precisely designed to allow ultra-low-speed operation that will be smooth yet responsive to the throttle.

28 Big stand

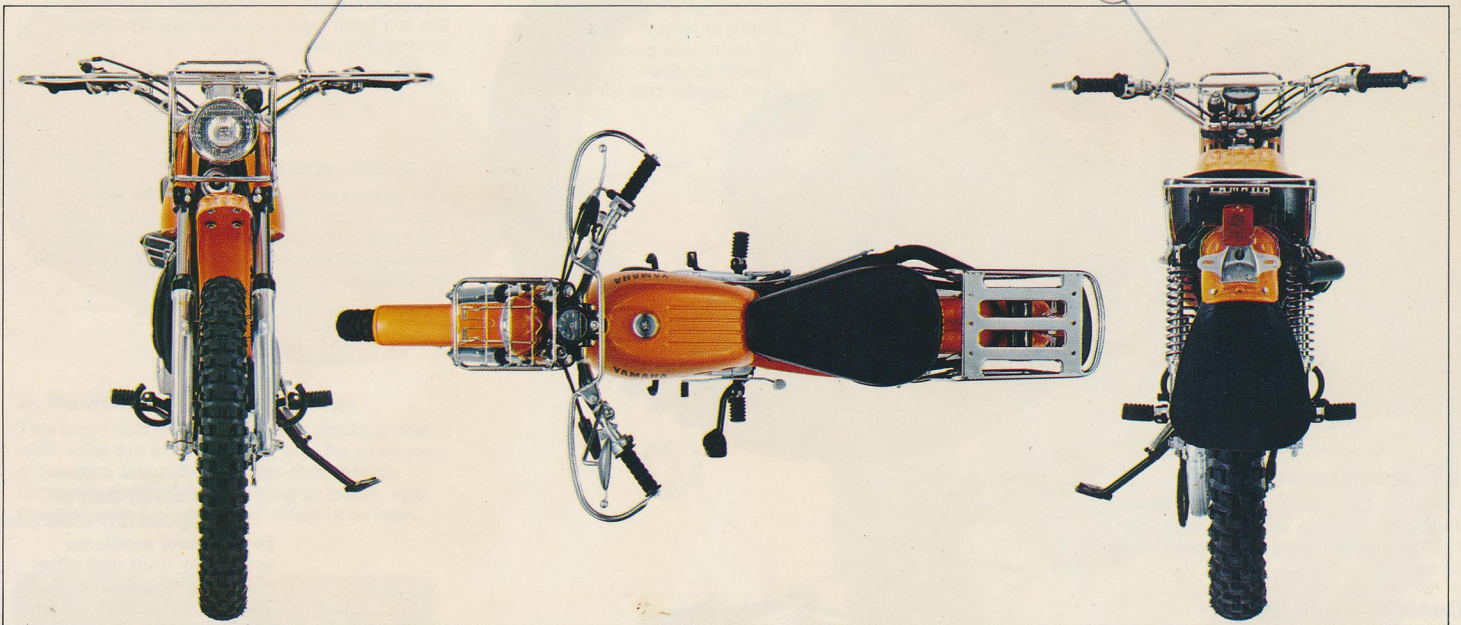
The big, spring-loaded stand has a large, flat foot so that the bike can be stopped and left standing on wet or muddy land.





YAMAHA developed the new AG175 as a more powerful version of the popular AG100 which has won considerable acclaim throughout Australia and New Zealand over this past year. The new AG175 has a larger fuel tank so that a wider range of operation can be performed without bothersome fuel stops, and the top of the tank has a flat, gripping surface so that items or animals can be carried with ease. All control and vital surfaces are protected with strong, tubular-steel guards that are able

to endure severe treatment; even allowing the machine to fall is o.k.. The AG175 is geared and built for smooth operation anywhere from walking speeds to open-road travel. The seat is low for better functional use when operating at walking speeds and the cover is tough; weather resistant and is able to withstand animal claws. When the job is rough and the land is large and rougher, the AG175 is an ideal agricultural workhorse.



SPECIFICATIONS

PERFORMANCE

Max. speed range.....95 km/h (59 mph)
 Climbing ability.....30°
 Min. turning radius.....2,580mm (101.6 in.)
 Min. braking distance.....15 m @50 km/h
 (49.2 ft. @31 mph)

ENGINE

Type.....2-stroke, 7-port, Torque Induction, Single
 Displacement.....171 cc (10.43 cu. in.)
 Bore & Stroke.....66×50 mm
 (2.598×1.969 in.)
 Compression ratio.....6.5 : 1
 Max. horsepower.....11.3 hp @6,500 rpm
 Max. torque.....1.31 kg-m @5,500 rpm
 (9.48 ft-lb @5,500 rpm)
 Lubrication system.....Autolube
 Starting system.....Primary kick starter

Transmission.....5-speed gearbox
 (No. of teeth) (Internal) (No. of teeth) (Internal)
 1ST 35/11 3.181 4TH 21/24 0.875
 2ND 30/15 2.000 5TH 18/27 0.666
 3RD 26/19 1.368

DIMENSIONS

Overall length.....2,105 mm (82.9 in.)
 Overall width.....915 mm (36.0 in.)
 Overall height.....1,080 mm (42.5 in.)
 Wheelbase.....1,305 mm (51.4 in.)
 Min. ground clearance.....220 mm (8.7 in.)

WEIGHT (Net).....108 kg (243 lbs.)

FUEL TANK CAPACITY.....11.0ℓ (2.9 US gal.)

OIL TANK CAPACITY.....1.2ℓ (1.3 US qt.)

TYRES front.....3.00-19-4PR
 rear.....3.50-18-4PR

* Specifications subject to change without notice.

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YAMAHA



SINCE 1887

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