

MOTOCROSS

BY YAMAHA



www.legends-yamaha-enduro.com



It's a better machine

with TORQUE INDUCTION

Is this the new YAMAHA motocross !?



If you are an experienced motocross fan, you will be both amazed and pleased at the changes in the new YAMAHA Motocross bikes. YAMAHA's total image has been changed! The engine with Torque Induction, the muffler, seat fenders and tank, the breeze pipe and double spring shock absorbers, the extra-smooth transmission have all been redesigned to give you ultimate motocross performance as standard equipment. YAMAHA engineers picked up the challenge to build a uniquely motocross machine and the results are seen in the redesign. More power, instant response at low and medium speeds, and lighter weight for maneuverability — characteristically YAMAHA Motocross. The new experience is yours for the asking at your YAMAHA dealer. Ride the YAMAHA Motocross and you will see why we are justly proud when we say... This is the new YAMAHA MOTOCROSS!

The 2-stroke, 7-port engine featuring YAMAHA's newly developed Torque Induction which is ideal for motocross where the power and response demands on the engine at low and middle speeds are grueling. It has the ability to "hang in there" when it really counts. Durable, light-weight aluminum construction, including the carburetor, keeps the power-to-weight ratio up in the outstanding category.



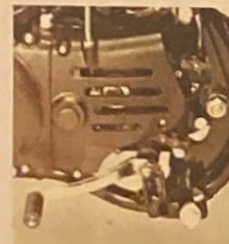
The front forks are the familiar Ceriani type, and the brakes are dust- and waterproof for safe, sure-controlled stops. The rims are tough, durable aluminum motocross type designed to be lightweight yet able to withstand the most severe shocks.

The gas tank has a pushbutton type cap for extra convenience. The breeze pipe aids in the smooth flow of gasoline to the engine, more outstanding performance features from YAMAHA.



The double spring shock absorber functions in two ways: the larger spring absorbs the large road shocks while the smaller spring absorbs the minor roughness giving you the smoothest ride imaginable.

The 5-gear transmission is the smoothest and has 31-down and 4-up positive action that can be depended upon under the trying conditions that are found at every turn of the motocross.

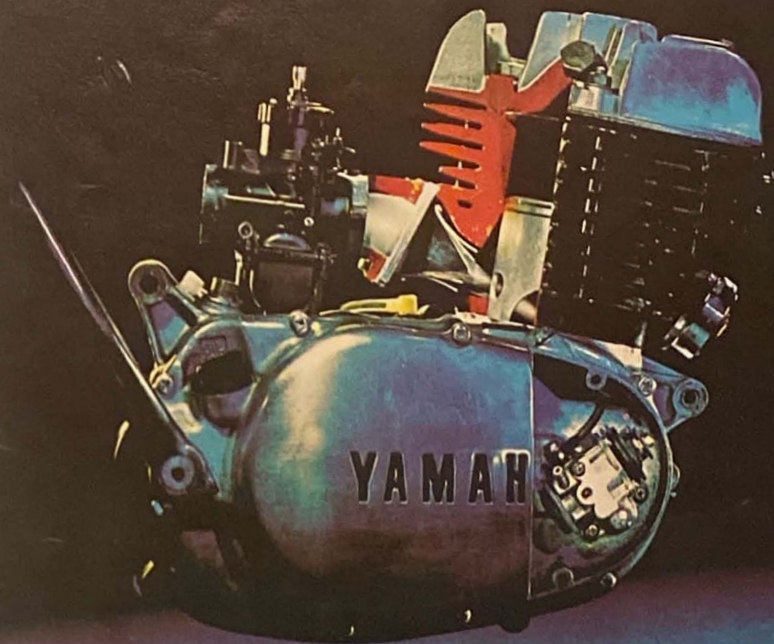


The frame is a double-cradle design to withstand severe punishment that is encountered during the motocross competition. Whether it be cornering or jumping, riding through the mud or accelerating down the straight, the stresses on the machine are from all directions and it performs with the sureness and safety that are characteristic of a true champion.

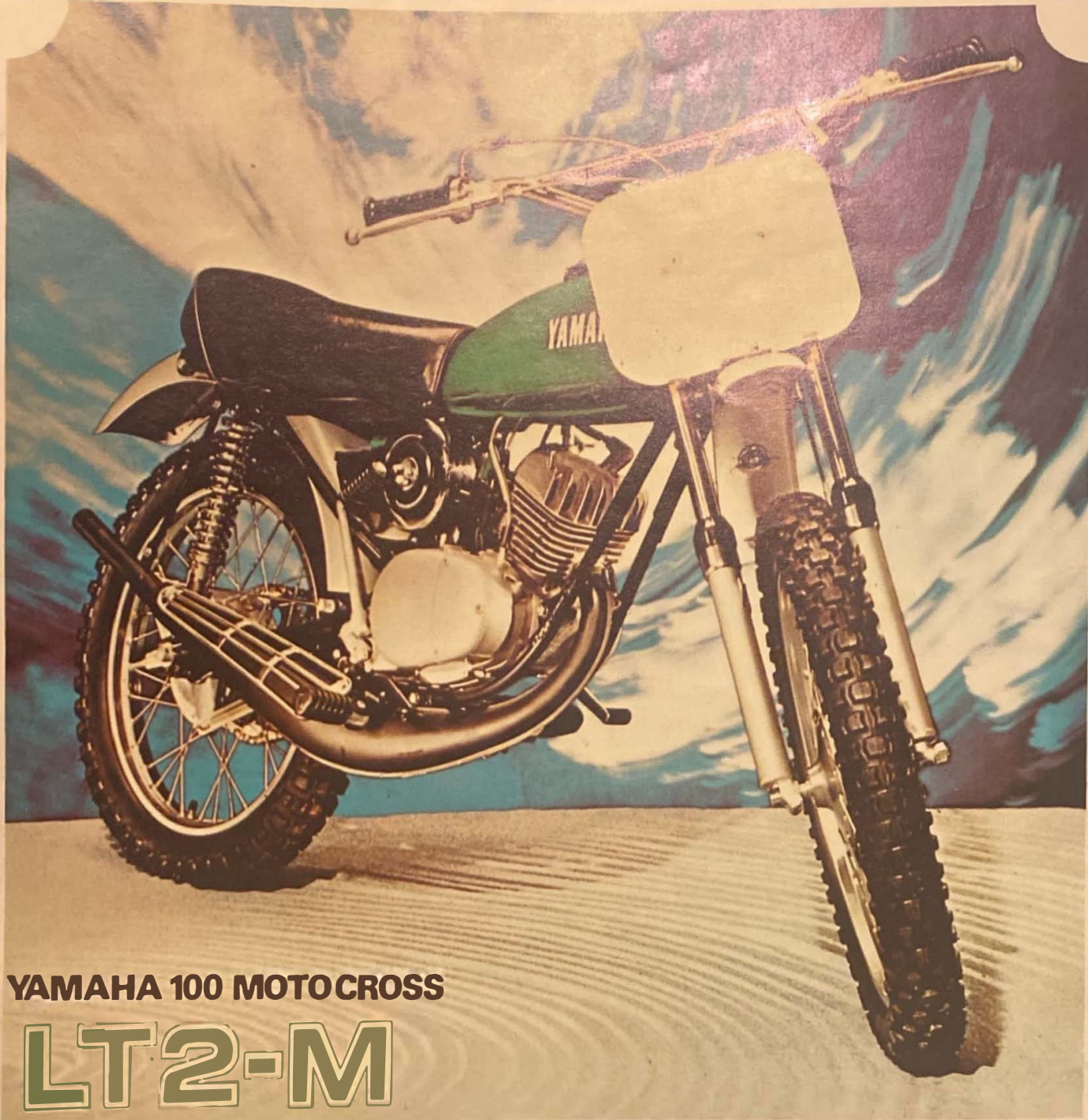
*Vary according to models.

The new Yamaha engine is a masterpiece of the latest engineering techniques: V-type reed valve, 7-port design and Autolube. All of these clustered under the name "Torque Induction."

Noticeably improved features are: easier starting, greater torque developed at low speeds, more precise intake and exhaust, fuel economy and less noise.



TORQUE INDUCTION



YAMAHA 100 MOTOCROSS

LT2-M



Here comes the new YAMAHA Motocross series... stronger and more durable yet lighter in weight. This is the new YAMAHA 100 Motocross LT2-M. Performance from the 2-stroke, 7-port engine with Torque Induction is amazing! Especially in the lower and middle speeds. For lighter weight, the fenders are FRP and the tire rims are aluminium. The slender-profile body makes handling much easier even for beginners because the power to weight ratio is optimum, and with YAMAHA's unique noise-silencer design the overall performance is great.

SPECIFICATIONS

PERFORMANCE

Min. turning radius	82.7 in.
Min. braking distance	50.5 ft. @31 mph

ENGINE

Type	2-stroke, 7-port, Torque Induction, Single
Displacement	97 cc (5.92 cu. in.)
Bore & Stroke	52 x 45.6 mm (2.047 x 1.795 in.)
Compression ratio	7.8 : 1
Max. horsepower	16 bhp @ 10,500 rpm
Max. torque	8.1 ft.-lb. @ 9,500 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Ignition system	Magneto ignition
Transmission	5-speed gearbox

DIMENSIONS

Overall length	74.0 in.
Overall width	34.1 in.
Overall height	42.5 in.
Wheelbase	49.6 in.
Min. ground clearance	8.3 in.

WEIGHT (Net) 185 lbs

FUEL TANK CAPACITY 1.6 gal

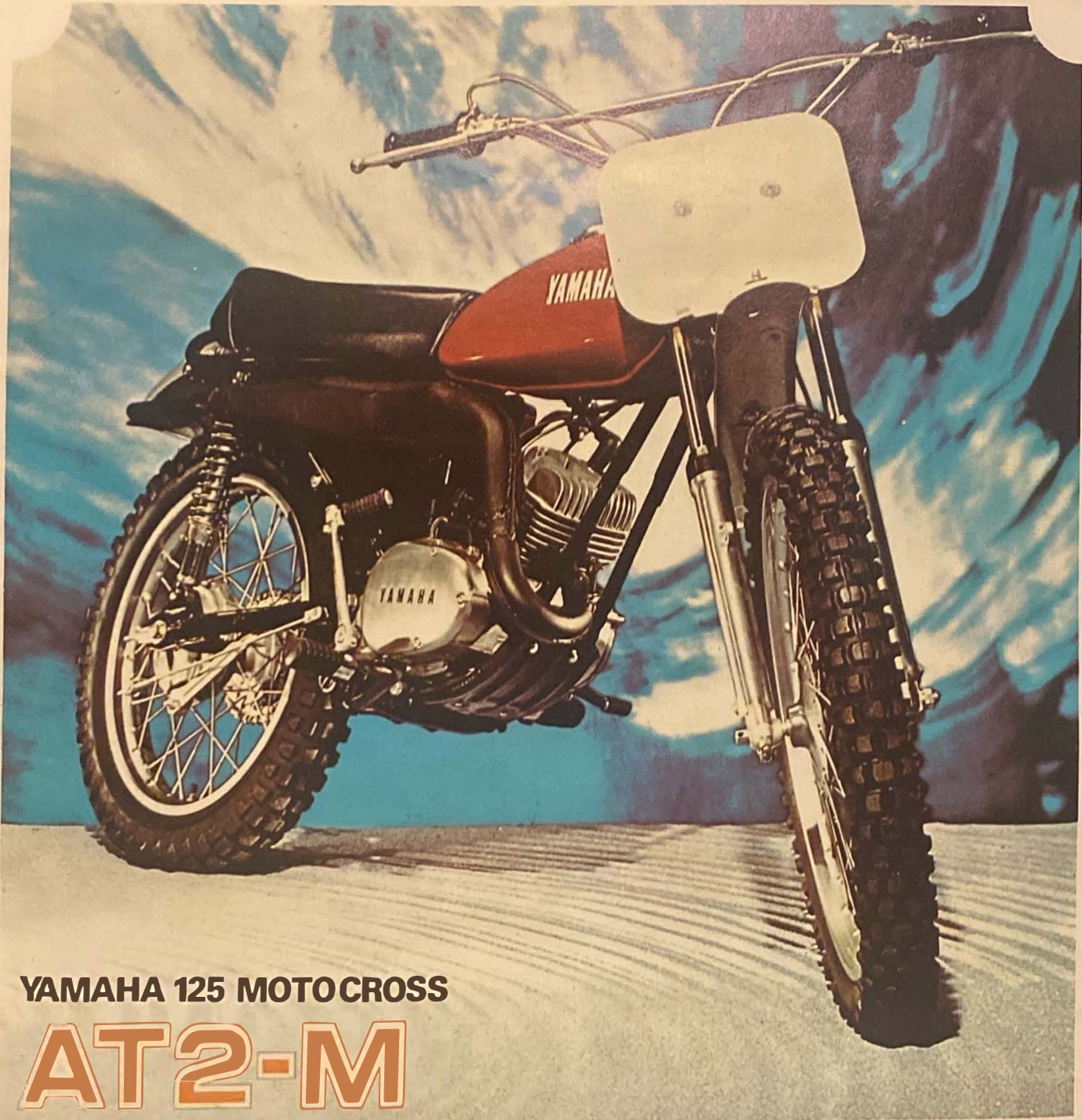
OIL TANK CAPACITY 1.3 qt

TIRES front	2.75-19.4 PR
rear	3.00-18.4 PR

* Use high octane gasoline for the fuel regardless of whether the Autolube system is used or not. Be sure to use "Shell Super M", "Castrol R30" or oil whose quality is equivalent to these.

* The rate for mixing when you are not using the Autolube pump should be 15 : 1.

* Specifications subject to change without notice.



YAMAHA 125 MOTOCROSS

AT2-M



The 2nd-stroke, 7th-port engine incorporates the best of the YAMAHA original techniques. Of course, this is the improved new motocross bike with Torque Induction which packs more exciting power, YAMAHA's specially designed noise-silencer and seat are the motocross type and the slender body is designed for better balance. The change in the gas tank, the improvements in the engine, make this bike outstanding for the motocross.

SPECIFICATIONS

PERFORMANCE

Min. turning radius	74.8 in.
Min. braking distance	50.5 ft. @31 mph

ENGINE

Type	2-stroke, 7-port, Torque Induction, Single
Displacement	128 cc (7.51 cu. in.)
Bore & Stroke	55 x 50 mm (2.205 x 1.969 in.)
Compression ratio	7.8 : 1
Max. horsepower	20 bhp @18,500 rpm
Max. torque	12.3 ft.-lb. @18,000 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Ignition system	Magneto ignition
Transmission	5-speed gearbox

DIMENSIONS

Overall length	77.4 in.
Overall width	35.8 in.
Overall height	44.1 in.
Wheelbase	50.8 in.
Min. ground clearance	9.4 in.

WEIGHT (Net)

	202 lbs.
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FUEL TANK CAPACITY

	1.8 gal.
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OIL TANK CAPACITY

	1.3 qt.
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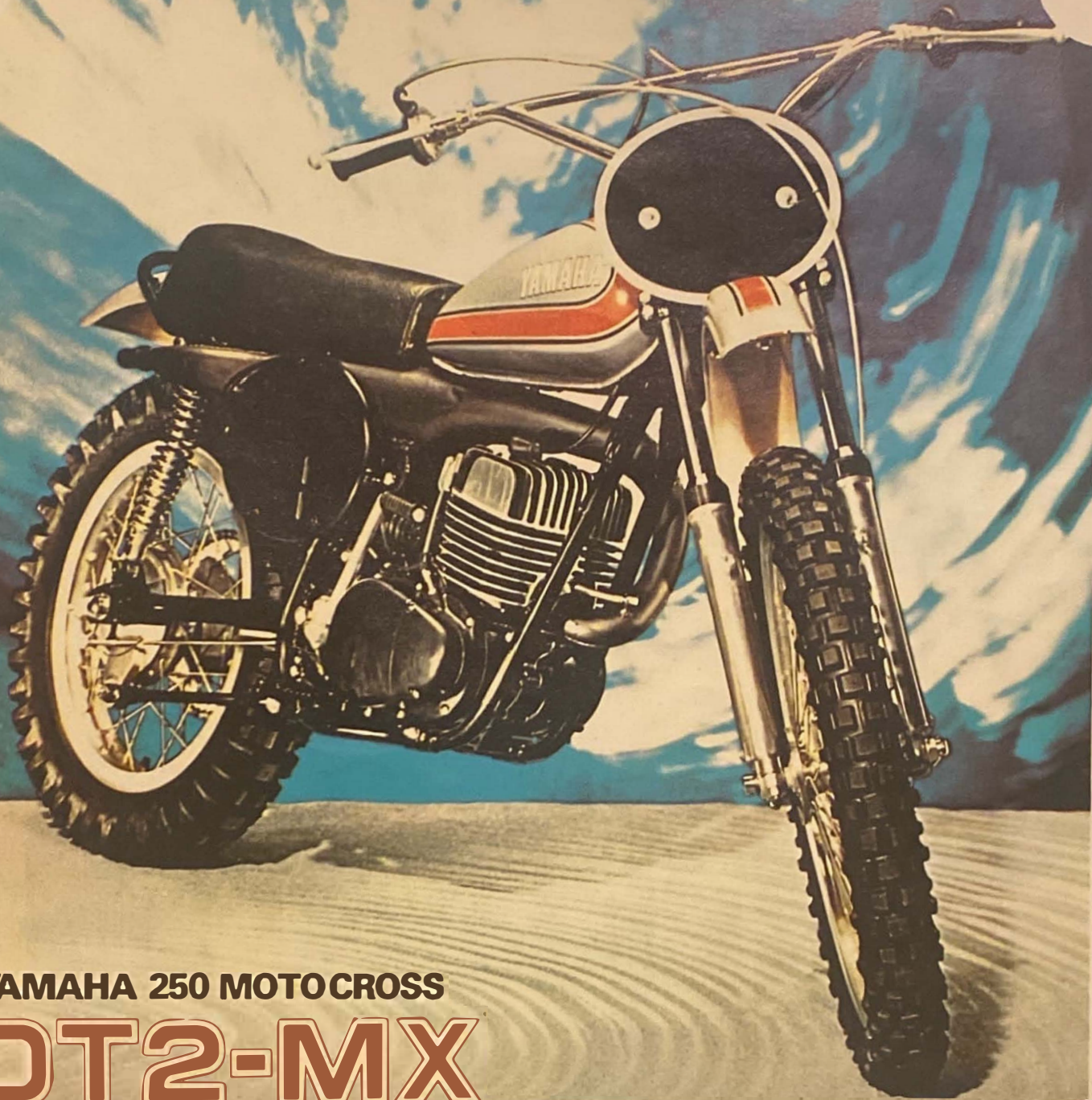
TIRES

front	2.75 21-4 PR
rear	3.50 18-4 PR

* Use high octane gasoline for the fuel regardless of whether the Autolube system is used or not. Be sure to use "Shell Super M", "Castrol R30" or oil whose quality is equivalent to these.

* The rate for mixing when you are not using the Autolube pump should be 15 : 1.

* Specifications subject to change without notice.



YAMAHA 250 MOTOCROSS DT2-MX



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In a motocross race, victory depends on the skill of the rider and just how the motocross machine responds to the rider's commands. In this sense, the YAMAHA 250 Motocross DT2-MX is the best with a 2-stroke, motocross powerhouse, and lightweight FRP fenders. Consider the operation, the handle bars, the unique YAMAHA noise-silencer design, the seat, the double shock absorbers, the easy-to-operate 5-step transmission and you'll know why this machine is the choice of the champions.

SPECIFICATIONS

PERFORMANCE

Min. turning radius 82.7 in.
Min. braking distance 50.5 ft. @31 mph

ENGINE

Type 2-stroke, 7 port Torque Induction Single
Displacement 246 cc (15.01 cu. in.)
Bore & Stroke 70 x 64 mm (2.756 x 2.520 in.)
Compression ratio 7.13 : 1
Max. horsepower 31 bhp @ 8,000 rpm
Max. torque 20.7 ft.-lb. @ 7,000 rpm
Lubrication system Autolube and Gas & Oil mixed (30 : 1)
Starting system Primary kick starter
Ignition system Magneto ignition
Transmission 5-speed gearbox

DIMENSIONS

Overall length 82.7 in.
Overall width 37.4 in.
Overall height 44.5 in.
Wheelbase 55.1 in.
Min. ground clearance 8.9 in.

WEIGHT (Net)

224 lbs.

FUEL TANK CAPACITY

2.1 gal.

OIL TANK CAPACITY

0.6 qt.

TIRES (front) 3.00, 21-4 PR

rear 4.00, 18-4 PR

- * The gasoline should be high octane.
- * Be sure to use Shell Super M™, Shell Super 2T™, Castrol R30™ or oil whose quality is equivalent to these.
- * The rate for mixing should be 30 : 1 when using the Autolube pump, and 15 : 1 when not using it.

* Specifications subject to change without notice.



YAMAHA 360 MOTO CROSS RT2-MX



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YAMAHA 360 RT2-MX is definitely the big machine... the king of the motocross. Its power is only excelled by its performance and it's lightweight for speed and stability. Meticulous care and consideration have gone into the design of all features such as the engine with Torque Induction, the specially designed YAMAHA noise-silencer, the rims, the gas tank, the seat, the handle bars, the foot rests, and the brake pedal, to name a few. If you aspire to victory in your next race, select the best... the RT2-MX. It will live up to your expectations.

SPECIFICATIONS

PERFORMANCE

Min. turning radius	82.7 in.
Min. braking distance	50.5 ft. @31 mph

ENGINE

Type	2-stroke, 7-port, Torque Induction, Single
Displacement	351 cc (21.42 cu. in.)
Bore & Stroke	56 × 50 mm (3.150 × 2.756 in.)
Compression ratio	7.13 : 1
Max horsepower	39 bhp @7,500 rpm
Max torque	27.7 ft.-lb. @7,000 rpm
Lubrication system	Autolube and Gas & Oil mixed (30 : 1)
Starting system	Primary kick starter
Ignition system	C D I
Transmission	5-speed gearbox

DIMENSIONS

Overall length	82.7 in.
Overall width	37.4 in.
Overall height	44.5 in.
Wheelbase	55.5 in.
Min. ground clearance	8.9 in.

WEIGHT (Net)

	227 lbs.
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FUEL TANK CAPACITY

	2.1 gal.
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OIL TANK CAPACITY

	0.6 qt.
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TIRES front	3.00-21-4 PR
rear	4.00-18-4 PR

- * The gasoline should be high octane.
- * Be sure to use "Shell Super M", "Shell Super 2T", "Castrol R30" or oil whose quality is equivalent to these.
- * The rate for mixing should be 30 : 1 when using the Autolube pump, and 15 : 1 when not using it.

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MOTOCROSS BY YAMAHA



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