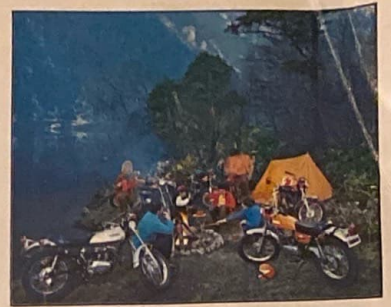


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Now the world-famous YAMAHA technical staff presents the new '72 models complete with the latest engineering advances. The Street models and the Enduro models are each uniquely performance designed...for the open highway or off-the-road riding. These models are thoroughly equipped to bring the rider a newer and more exciting world of motoring. Treat yourself to the new pleasures now that are found only on the new '72 YAMAHA models.

STREET



70/U7E



80/G7S



100/LS2



200/CS5



250/DS7



350/R5-C



650/XS2



MINI-
ENDURO/JT2

ENDURO



MOTO
CROSS/JT2-MX



100/LT2



125/AT2



175/CT2

MOTOCROSS



250/DT2



360/RT2



100/LT2-M



125/AT2-M

ROAD RACER



250/DT2-MX



360/RT2-MX



250/TD3



350/TR3

www.legends-yamaha-enduros.com

SPECIFICATIONS

MODEL	U7E	G7S	LS2	C55	D57	R5C	X52	JT2	JT2-MX	LT2	AT2	CT2
PERFORMANCE												
Max. speed range	50-53 mph	50 mph plus	69 mph plus	85 mph plus	93 mph plus	100 mph plus	115 mph plus	—	—	58 mph plus	65 mph plus	67 mph plus
Climbing ability	20 degrees	20 degrees	22 degrees	24 degrees	24 degrees	28 degrees	26 degrees	22 degrees	22 degrees	27 degrees	30 degrees	32 degrees
Min. turning radius	70.9 in.	70.9 in.	78.7 in.	79.9 in.	90.6 in.	90.6 in.	99.4 in.	59.1 in.	59.1 in.	62.7 in.	74.8 in.	74.8 in.
Min. braking distance	25 ft. @22 mph	21 ft. @22 mph	24.6 ft. @22 mph	49 ft. @31 mph	46 ft. @31 mph	46 ft. @31 mph	46 ft. @31 mph	24.6 ft. @22 mph	24.6 ft. @22 mph	49 ft. @31 mph	49 ft. @31 mph	49 ft. @31 mph
ENGINE												
Type	2-stroke, Reed valve, Single	2-stroke, Rotary valve, Single	2-stroke, Parallel Twin	2-stroke, 5-port, Parallel Twin	2-stroke, 5-port, Parallel Twin	2-stroke, 5-port, Parallel Twin	4-stroke, SOHC, Parallel Twin	2-stroke, Rotary valve, Single	2-stroke, Rotary valve, Single	2-stroke, 7-port, Torque Induction, Single	2-stroke, 7-port, Torque Induction, Single	2-stroke, 7-port, Torque Induction, Single
Displacement	72 cc (4.39 cu. in.)	73 cc (4.46 cu. in.)	97 cc (5.919 cu. in.)	195 cc (11.89 cu. in.)	247 cc (15.07 cu. in.)	347 cc (21.18 cu. in.)	653 cc (39.85 cu. in.)	58 cc (3.54 cu. in.)	58 cc (3.54 cu. in.)	123 cc (7.51 cu. in.)	123 cc (7.51 cu. in.)	171 cc (10.43 cu. in.)
Bore & Stroke	47 x 42 mm (1.850 x 1.654 in.)	47 x 42 mm (1.850 x 1.654 in.)	38 x 43 mm (1.496 x 1.693 in.)	52 x 46 mm (2.047 x 1.811 in.)	64 x 64 mm (2.126 x 2.126 in.)	64 x 64 mm (2.126 x 2.126 in.)	75 x 74 mm (2.953 x 2.913 in.)	42 x 42 mm (1.654 x 1.654 in.)	42 x 42 mm (1.654 x 1.654 in.)	52 x 45.6 mm (2.047 x 1.795 in.)	52 x 45.6 mm (2.047 x 1.795 in.)	66 x 50 mm (2.598 x 1.969 in.)
Compression ratio	6.8 : 1	6.8 : 1	7.0 : 1	7.1 : 1	7.1 : 1	7.1 : 1	8.3 : 1	6.4 : 1	6.4 : 1	6.9 : 1	6.9 : 1	6.5 : 1
Max. horsepower	4.9 bhp @6,000 rpm	4.9 bhp @7,500 rpm	10.5 bhp @8,000 rpm	22 bhp @7,500 rpm	30 bhp @7,500 rpm	38 bhp @7,500 rpm	69 bhp @7,500 rpm	4.5 bhp @7,500 rpm	4.5 bhp @7,500 rpm	10 bhp @7,500 rpm	13 bhp @7,500 rpm	18 bhp @7,500 rpm
Max. torque	4.7 ft.-lb @4,500 rpm	4.1 ft.-lb @5,500 rpm	8.95 ft.-lb @7,500 rpm	15.7 ft.-lb @7,000 rpm	21.1 ft.-lb @7,000 rpm	28.0 ft.-lb @7,000 rpm	40.1 ft.-lb @5,500 rpm	3.62 ft.-lb @5,500 rpm	3.62 ft.-lb @5,500 rpm	7.0 ft.-lb @7,000 rpm	10.0 ft.-lb @6,000 rpm	11.9 ft.-lb @6,000 rpm
Lubrication system	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Wet sump, Trickle pump	Autolube	Autolube	Autolube	Autolube	Autolube
Starting system	Electric & Primary kick starter	Primary kick starter	Primary kick starter	Electric & Primary kick starter	Primary kick starter	Primary kick starter	Electric & Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter
Ignition system	Battery ignition	Battery ignition	Battery ignition	Battery ignition	Battery ignition	Battery ignition	Battery ignition	Magneto ignition	Magneto ignition	Magneto ignition	Magneto ignition	Magneto ignition
Transmission	3-speed gearbox	4-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	4-speed gearbox	4-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox
DIMENSIONS												
Overall length	72.4 in.	71.3 in.	73.2 in.	76.0 in.	80.3 in.	80.3 in.	85.6 in.	62.4 in.	62.0 in.	75.2 in.	77.2 in.	78.0 in.
Overall width	25.4 in.	31.1 in.	29.5 in.	32.5 in.	32.9 in.	32.9 in.	35.6 in.	27.6 in.	27.6 in.	35.4 in.	35.8 in.	35.8 in.
Overall height	39.6 in.	39.2 in.	39.4 in.	39.8 in.	42.7 in.	42.7 in.	45.9 in.	36.6 in.	36.6 in.	41.3 in.	42.9 in.	43.7 in.
Wheelbase	46.3 in.	45.9 in.	47.2 in.	49.0 in.	52.0 in.	52.0 in.	55.5 in.	41.5 in.	41.5 in.	48.8 in.	50.6 in.	50.8 in.
Min. ground clearance	5.3 in.	5.3 in.	6.3 in.	6.1 in.	5.9 in.	6.1 in.	5.9 in.	6.3 in.	6.3 in.	8.6 in.	8.9 in.	9.4 in.
WEIGHT (Net)	170 lbs.	173 lbs.	209 lbs.	258 lbs.	304 lbs.	311 lbs.	427 lbs.	132 lbs.	121 lbs.	187 lbs.	189 lbs.	214 lbs.
FUEL TANK CAPACITY	1.2 gal.	1.6 gal.	2.0 gal.	2.4 gal.	3.2 gal.	3.2 gal.	3.3 gal.	1.1 qt.	1.1 qt.	1.3 qt.	1.3 qt.	1.3 qt.
OIL TANK CAPACITY	1.5 qt.	1.5 qt.	1.5 qt.	2.0 qt.	2.1 qt.	2.1 qt.	2.6 qt.	1.1 qt.	1.1 qt.	1.3 qt.	1.3 qt.	1.3 qt.
TIRES	front: 2.25-17-4 PR rear: 2.50-17-4 PR	2.50-17-4 PR	2.50-18-4 PR	2.75-18-4 PR	3.00-18-4 PR	3.00-18-4 PR	3.00-18-4 PR	3.00-18-4 PR	2.50-15-4 PR	2.50-15-4 PR	2.75-18-4 PR	3.00-18-4 PR

This vehicle was not manufactured for use on public streets, roads or highways. Such use is prohibited by law.

DT2	RT2	LT2-M	AT2-M	DT2-MX	RT2-MX	TD3	TR3
75 mph plus 35 degrees 78.7 in. 49 ft. @31 mph	83 mph plus 35 degrees 78.7 in. 49 ft. @31 mph	— — 82.7 in. 50.5 ft. @31 mph	— — 74.8 in. 50.5 ft. @31 mph	— — 82.7 in. 50.5 ft. @31 mph	— — 82.7 in. 50.5 ft. @31 mph	134 mph plus — 176.8 in.	140 mph plus — 176.8 in.
2-stroke, 7-port, Torque Induction, Single 246 cc (15.01 cu. in.) 70 x 64 mm (2.756 x 2.520 in.) 6.8 : 1	2-stroke, 7-port, Torque Induction, Single 351 cc (21.42 cu. in.) 80 x 70 mm (3.150 x 2.756 in.) 6.3 : 1	2-stroke, 7-port, Torque Induction, Single 97 cc (5.92 cu. in.) 52 x 45.6 mm (2.047 x 1.795 in.) 7.8 : 1	2-stroke, 7-port, Torque Induction, Single 123 cc (7.51 cu. in.) 56 x 60 mm (2.205 x 1.969 in.) 7.8 : 1	2-stroke, 7-port, Torque Induction, Single 246 cc (15.01 cu. in.) 70 x 64 mm (2.756 x 2.520 in.) 7.13 : 1	2-stroke, 7-port, Torque Induction, Single 351 cc (21.42 cu. in.) 80 x 70 mm (3.150 x 2.756 in.) 7.13 : 1	2-stroke, 5-port, Parallel Twin 247 cc (15.07 cu. in.) 54 x 54 mm (2.126 x 2.126 in.) 7.8 : 1	2-stroke, 5-port, Parallel Twin 347 cc (21.18 cu. in.) 64 x 54 mm (2.520 x 2.126 in.) 7.04 : 1
24 bhp @7,000 rpm 18.3 ft.-lb @6,000 rpm Autolube Primary kick starter Magneto ignition 5-speed gearbox	32 bhp @6,000 rpm 27.7 ft.-lb @5,500 rpm Autolube Primary kick starter Magneto ignition 5-speed gearbox	18 bhp @10,500 rpm 9.1 ft.-lb @9,500 rpm Autolube Primary kick starter Magneto ignition 5-speed gearbox	20 bhp @8,500 rpm 12.3 ft.-lb @8,000 rpm Autolube Primary kick starter Magneto ignition 5-speed gearbox	31 bhp @8,000 rpm 20.7 ft.-lb @7,000 rpm Autolube and Gas & Oil mixed (30:1) Primary kick starter Magneto ignition 5-speed gearbox	39 bhp @7,500 rpm 27.7 ft.-lb @7,000 rpm Autolube and Gas & Oil mixed (30:1) Primary kick starter C.D.I. 5-speed gearbox	44 bhp plus @10,000 rpm 22.9 ft.-lb plus @9,500 rpm Autolube and Gas & Oil mixed (30:1) Push-to-start C.D.I. 5-speed gearbox	54 bhp plus @8,500 rpm 30.2 ft.-lb plus @8,000 rpm Autolube and Gas & Oil mixed (30:1) Push-to-start C.D.I. 5-speed gearbox
82.7 in. 35.0 in. 45.7 in. 54.7 in. 10.0 in.	82.7 in. 35.0 in. 45.7 in. 54.7 in. 10.0 in.	74.0 in. 34.1 in. 42.5 in. 49.6 in. 8.3 in.	77.4 in. 35.1 in. 44.1 in. 50.8 in. 9.4 in.	82.7 in. 37.4 in. 44.5 in. 55.1 in. 8.9 in.	82.7 in. 37.4 in. 44.5 in. 55.1 in. 8.9 in.	76.4 in. 36.0 in. 52.4 in. 5.9 in.	76.8 in. 36.2 in. 52.4 in. 5.7 in.
258 lbs.	262 lbs.	185 lbs.	202 lbs.	224 lbs.	227 lbs.	approx. 231 lbs.	approx. 242 lbs.
2.5 gal.	2.5 gal.	1.6 gal.	1.8 gal.	2.1 gal.	2.1 gal.	6.0 gal.	6.0 gal.
1.7 qt.	1.7 qt.	1.3 qt.	1.3 qt.	0.6 qt.	0.6 qt.	2.1 qt.	2.1 qt.
3.25-19-4 PR 4.00-18-4 PR	3.25-19-4 PR 4.00-18-4 PR	2.75-19-4 PR 3.00-18-4 PR	2.75-21-4 PR 3.50-18-4 PR	3.00-21-4 PR 4.00-18-4 PR	3.00-21-4 PR 4.00-18-4 PR	2.75-18-4 PR 3.00-18-4 PR	3.00-18-4 PR 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" or "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

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