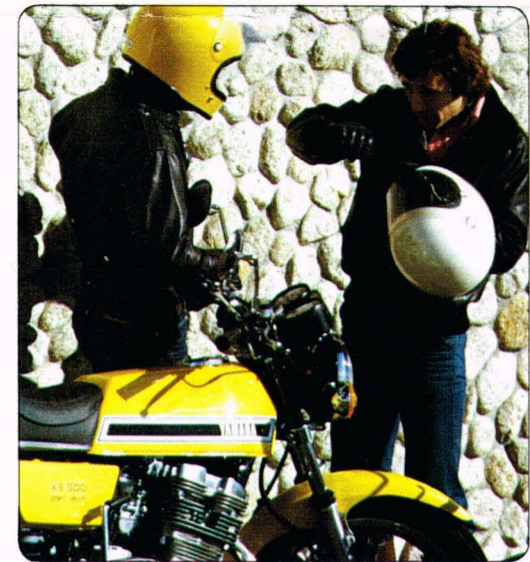


Total YAMAHA engineering yields quality results

www.legends-yamaha-enduros.com

Producing a vast array of motorcycles ranging from 50-cc Minis to 750-cc Road Racers, YAMAHA continues to design quality and dependability into each and every machine. Beginning with the basic needs of an ever-increasing number of motorcycle enthusiasts, research and development at YAMAHA compiles a massive amount of technical data from such testing and engineering facilities to the technical results from some of the world's most grueling competition tracks. This data coupled with outstanding craftsmanship yields a line of sports bikes, road machines and a multitude of exciting combination models.

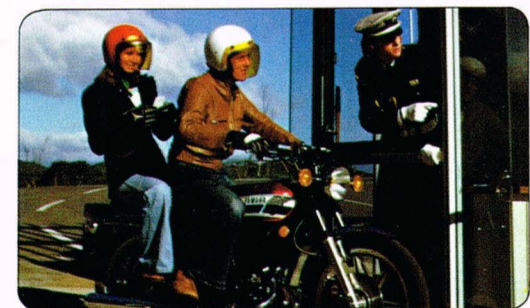
STREET



XS650



XS500



RD series

RD400



RD250



RD200DX



RD125DX



LIGHT WEIGHT

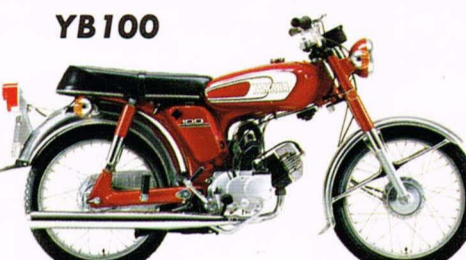
RS125



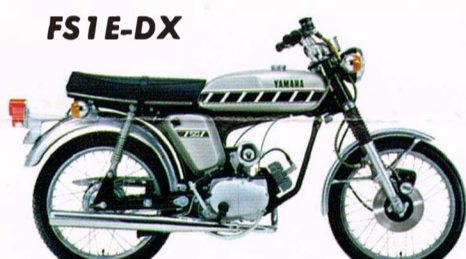
RS100



YB100



FS1E-DX



**V90
V75A
V50P**



LB50II AP



TRAIL

DT400



DT250



DT175



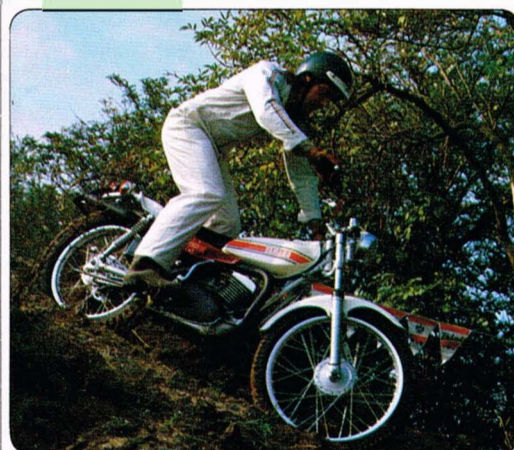
DT125



DT100



TRIAL



TY250



TY175



TY80



TY50M



MOTOCROSS



YZ400



YZ250



YZ125



YZ80



ROAD RACER

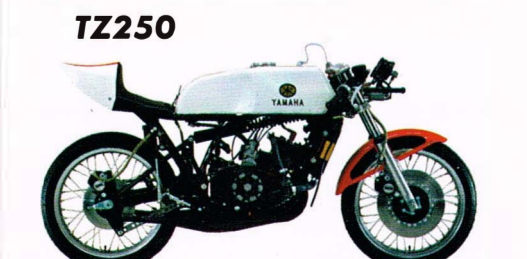
TZ750



TZ350



TZ250



YAMAHA, It's a way of life.

SPECIFICATIONS

MODELS	XS650	XS500	RD400	RD250	RD200DX	RD125DX	RS125	RS100	YB100	FS1E-DX
PERFORMANCE										
Max. speed range	180 km/h	180 km/h	165 km/h	160 km/h	133 km/h	125 km/h	118 km	110 km/h	110 km/h	—
Climbing ability	26°	26°	28°	28°	24°	22.5°	22.5°	25°	22°	—
Min. turning radius	2,500 mm	2,500 mm	2,300 mm	2,300 mm	2,100 mm	2,100 mm	2,000 mm	2,000 mm	1,870 mm	1,800 mm
Min. braking distance	14 m @ 50 km/h	14 m @ 50 km/h	14 m @ 50 km/h	14 m @ 50 km/h	14 m @ 50 km/h	14 m @ 50 km/h	15 m @ 50 km/h	7.5 m @ 35 km/h	6.5 m @ 35 km/h	—
ENGINE										
Type	4-stroke, OHC, Twin	4-stroke, DOHC, Twin	2-stroke, Torque Induction, Twin	2-stroke, Torque Induction, Twin	2-stroke, Torque Induction, Twin	2-stroke, Torque Induction, Twin	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Rotary valve, Single	2-stroke, Rotary valve, Single
Displacement	653 cc	498 cc	398 cc	247 cc	195 cc	124 cc	123 cc	97 cc	96 cc	49 cc
Bore & Stroke	75×74 mm	73×59.6 mm	64×62 mm	54×54 mm	52×46 mm	43×43 mm	56×50 mm	52×45.6 mm	52×45.6 mm	40×39.7 mm
Compression ratio	8.4 : 1	8.5 : 1	6.2 : 1	6.7 : 1	7.1 : 1	6.8 : 1	6.9 : 1	6.7 : 1	7.2 : 1	7.1 : 1
Max. horsepower (S.A.E. net)	50.1 bhp @ 7,200 rpm	49 bhp @ 8,500 rpm	42 bhp @ 7,000 rpm	30 bhp @ 7,500 rpm	29 bhp @ 8,000 rpm	16 bhp @ 9,000 rpm	12.5 bhp @ 8,000 rpm	10.3 bhp @ 7,500 rpm	9.7 bhp @ 7,500 rpm	4.8 bhp @ 7,000 rpm
Max. torque	5.35 kg-m @ 6,000 rpm	4.5 kg-m @ 6,500 rpm	4.2 kg-m @ 6,500 rpm	2.9 kg-m @ 7,000 rpm	1.9 kg-m @ 7,000 rpm	1.3 kg-m @ 8,000 rpm	1.15 kg-m @ 7,500 rpm	1.01 kg-m @ 7,000 rpm	0.95 kg-m @ 6,500 rpm	0.52 kg-m @ 6,000 rpm
Lubrication system	Wet sump	Wet sump	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Pre-mix (20 : 1)
Starting system	Electric & 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
Transmission	5-speed gearbox	5-speed gearbox	6-speed gearbox	6-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	4-speed gearbox	4-speed gearbox
DIMENSIONS										
Overall length	2,175 mm	2,100 mm	2,015 mm	2,030 mm	1,945 mm	1,945 mm	1,870 mm	1,860 mm	1,915 mm	1,755 mm
Overall width	835 mm	835 mm	830 mm	830 mm	790 mm	790 mm	785 mm	785 mm	785 mm	695 mm
Overall height	1,135 mm	1,120 mm	1,085 mm	1,085 mm	980 mm	980 mm	1,060 mm	1,050 mm	1,060 mm	935 mm
Wheelbase	1,435 mm	1,400 mm	1,325 mm	1,325 mm	1,240 mm	1,240 mm	1,205 mm	1,200 mm	1,190 mm	1,160 mm
Min. ground clearance	135 mm	155 mm	150 mm	150 mm	155 mm	155 mm	150 mm	150 mm	140 mm	135 mm
WEIGHT (NET)	215 kg	193 kg	157 kg	152 kg	123 kg	111 kg	94 kg	91 kg	92 kg	70 (72) kg
FUEL TANK CAPACITY	15.0 lit.	15.0 lit.	16.5 lit.	16.5 lit.	11.5 lit.	11.5 lit.	7.5 lit.	7.5 lit.	8.6 lit.	6.5 lit.
OIL TANK CAPACITY	2.5 lit.	3.0 lit.	1.8 lit.	1.8 lit.	1.2 lit.	1.2 lit.	1.5 lit.	1.5 lit.	1.3 lit.	—
TIRES front rear	3.25H19-4PR 4.00H18-4PR	3.25H19-4PR 4.00H18-4PR	3.00S18-4PR 3.50S18-4PR	3.00S18-4PR 3.50S18-4PR	2.75-18-4PR 3.00-18-4PR	2.75-18-4PR 3.00-18-4PR	2.75-18-4PR 2.75-18-4PR	2.75-18-4PR 2.75-18-4PR	2.50-18-4PR 2.50-18-4PR	2.25-17-4PR 2.50-17-4PR

MODELS	V90	V75A	V50P	LB50 II AP/M	DT400	DT250	DT175	DT125	DT100	TY250
PERFORMANCE										
Max. speed range	90 km/h	70 km/h	60 km/h	44 km/h	130 km/h	125 km/h	—	—	93 km/h plus	—
Climbing ability	22°	19.5°	19.5°	22°	35°	35°	—	—	27°	—
Min. turning radius	1,800 mm	1,800 mm	1,800 mm	1,500 mm	2,000 mm	2,000 mm	2,100 mm	2,100 mm	2,000 mm	1,600 mm
Min. braking distance	7.5 m @ 35 km/h	7.5 m @ 35 km/h	7.5 m @ 35 km/h	4.0/4.5 m @ 20 km/h	15 m @ 50 km/h	15 m @ 50 km/h	—	—	15 m @ 50 km/h	15 m @ 50 km/h
ENGINE										
Type	2-stroke, Reed valve, Single	2-stroke, Reed valve, Single	2-stroke, Reed valve, Single	2-stroke, Reed valve, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single
Displacement	89 cc	72 cc	49 cc	49 cc	397 cc	246 cc	171 cc	123 cc	96 cc	246 cc
Bore & Stroke	50×45.6 mm	47×42 mm	40×39.7 mm	40×39.7 mm	85×70 mm	70×64 mm	66×50 mm	56×50 mm	52×45.6 mm	70×64 mm
Compression ratio	6.8 : 1	6.8 : 1	6.6 : 1	6.6 : 1	6.4 : 1	6.8 : 1	6.2 : 1	6.7 : 1	7.2 : 1	6.2 : 1
Max. horsepower (S.A.E. net)	7.5 bhp @ 6,500 rpm	5.6 bhp @ 6,500 rpm	4.5 bhp @ 6,000 rpm	2.7/2.68 bhp @ 5,000 rpm	20 bhp @ 5,500 rpm	16 bhp @ 6,500 rpm	11 bhp @ 6,500 rpm	13.5 bhp @ 7,000 rpm	10 bhp @ 7,500 rpm	—
Max. torque	0.95 kg-m @ 6,500 rpm	0.75 kg-m @ 4,500 rpm	0.54 kg-m @ 5,000 rpm	0.41/0.405 kg-m @ 3,500 rpm	2.80 kg-m @ 4,500 rpm	2.14 kg-m @ 6,000 rpm	1.82 kg-m @ 6,000 rpm	1.38 kg-m @ 6,500 rpm	0.97 kg-m @ 7,000 rpm	—
Lubrication system	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube
Starting system	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter
Transmission	3-speed gearbox	Automatic	3-speed gearbox	Automatic	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox
DIMENSIONS										
Overall length	1,845 mm	1,840 mm	1,840 mm	1,570/1,585 mm	2,150 mm	2,180 mm	2,030 mm	2,020 mm	1,960 mm	2,015 mm
Overall width	645 mm	645 mm	645 mm	665 mm	870 mm	870 mm	860 mm	860 mm	860 mm	840 mm
Overall height	1,010 mm	1,005 mm	1,005 mm	925 mm	1,140 mm	1,140 mm	1,090 mm	1,090 mm	1,070 mm	1,125 mm
Wheelbase	1,170 mm	1,170 mm	1,170 mm	1,075/1,050 mm	1,420 mm	1,420 mm	1,340 mm	1,340 mm	1,305 mm	1,295 mm
Min. ground clearance	135 mm	130 mm	135 mm	135 mm	220 mm	220 mm	255 mm	255 mm	240 mm	280 mm
WEIGHT (NET)	79 kg	75 kg	80 kg	77/75 kg	125 kg	122 kg	100 kg	100 kg	94 kg	97 kg
FUEL TANK CAPACITY	5.3 lit.	5.3 lit.	5.3 lit.	3.5 lit.	9.0 lit.	9.0 lit.	7.0 lit.	7.0 lit.	7.0 lit.	5.0 lit.
OIL TANK CAPACITY	1.2 lit.	1.2 lit.	1.2 lit.	1.4 lit.	1.5 lit.	1.5 lit.	1.2 lit.	1.2 lit.	1.2 lit.	0.35 lit.
TIRES front rear	2.50-17-4PR 2.50-17-4PR	2.25-17-4PR 2.25-17-4PR	2.25-17-4PR 2.25-17-4PR	4.00-8-4PR 4.00-8-4PR	3.00-21-4PR 4.00-18-4PR	3.00-21-4PR 4.00-18-4PR	2.75-21-4PR 3.50-18-4PR	2.75-21-4PR 3.25-18-4PR	2.75-19-4PR 3.00-18-4PR	2.75-21-4PR 4.00-18-4PR

MODELS	TY175	TY80	TY50M	YZ400	YZ250	YZ125	YZ80	TZ750	TZ350	TZ250
PERFORMANCE										
Max. speed range	—	—	43 km/h	—	—	—	—	265 km/h plus	225 km/h plus	215 km/h plus
Climbing ability	—	—	—	—	—	—	—	—	—	—
Min. turning radius	L. R. 60°	L. R. 70°	1,800 mm	2,100 mm	2,100 mm	—	1,770 mm	4,700 mm	4,245 mm	4,240 mm
Min. braking distance	15 m @ 50 km/h	7.5 m @ 35 km/h	7 m @ 35 km/h	15.4 m @ 50 km/h	15.4 m @ 50 km/h	—	—	—	—	—
ENGINE										
Type	2-stroke, Torque Induction, Single	2-stroke, Reed valve, Single	2-stroke, Reed valve, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Torque Induction, Single	2-stroke, Reed valve, Single	2-stroke, Torque Induction, 4-cylinder	2-stroke, Piston valve, Twin	2-stroke, Piston valve, Twin
Displacement	171 cc	72 cc	49 cc	397 cc	246 cc	123 cc	79 cc	747 cc	347 cc	247 cc
Bore & Stroke	66×55 mm	47×42 mm	40×39.7 mm	85×70 mm	70×64 mm	56×50 mm	49×42 mm	66.4×54 mm	64×54 mm	54×54 mm
Compression ratio	5.8 : 1	7.0 : 1	5.7 : 1	7.57 : 1	7.69 : 1	7.4 : 1	7.2 : 1	7.3 : 1	7.4 : 1	7.5 : 1
Max. horsepower (S.A.E. net)	12 bhp @ 7,000 rpm	4.9 bhp @ 6,000 rpm	2.71 bhp @ 5,000 rpm	41 bhp @ 8,000 rpm	32.5 bhp @ 7,500 rpm	24 bhp @ 10,500 rpm	11 bhp @ 10,500 rpm	90 bhp plus @ 10,000 rpm	56 bhp plus @ 9,500 rpm	46 bhp plus @ 10,000 rpm
Max. torque	1.4 kg-m @ 6,000 rpm	0.61 kg-m @ 5,500 rpm	0.40 kg-m @ 4,500 rpm	3.95 kg-m @ 7,000 rpm	3.11 kg-m @ 7,500 rpm	1.65 kg-m @ 10,000 rpm	0.85 kg-m @ 9,000 rpm	6.5 kg-m plus @ 9,500 rpm	4.22 kg-m plus @ 9,500 rpm	3.29 kg-m plus @ 10,000 rpm
Lubrication system	Autolube	Autolube	Autolube	Pre-mix (20 : 1)	Pre-mix (20 : 1)	Pre-mix (20 : 1)	Pre-mix (20 : 1)	Pre-mix (20 : 1)	Pre-mix (15 : 1)	Pre-mix (15 : 1)
Starting system	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Primary kick starter	Push to start	Push to start	Push to start
Transmission	6-speed gearbox	4-speed gearbox	4-speed gearbox	5-speed gearbox	5-speed gearbox	6-speed gearbox	5-speed gearbox	6-speed gearbox	6-speed gearbox	6-speed gearbox
DIMENSIONS										
Overall length	1,955 mm	1,560 mm	1,790 mm	2,120 mm	2,120 mm	2,095 mm	1,705 mm	2,036 mm	1,935 mm	1,930 mm
Overall width	835 mm	690 mm	775 mm	985 mm	985 mm	985 mm	785 mm	637 mm	630 mm	630 mm
Overall height	1,100 mm	890 mm	975 mm	1,170 mm	1,170 mm	1,140 mm	945 mm	942 mm	940 mm	935 mm
Wheelbase	1,265 mm	1,025 mm	1,190 mm	1,425 mm	1,430 mm	1,410 mm	1,170 mm	1,408 mm	1,315 mm	1,315 mm
Min. ground clearance	295 mm	220 mm	200 mm	255 mm	255 mm	285 mm	170 mm	127 mm	170 mm	175 mm
WEIGHT (NET)	81 kg	54 kg	73 kg	104 kg	101 kg	86 kg	64 kg	157 kg	118 kg	117.5 kg
FUEL TANK CAPACITY	4.5 lit.	2.5 lit.	4.7 lit.	8.0 lit.	8.0 lit.	5.5 lit.	4.3 lit.	24.0 lit.	23.5 lit.	23.5 lit.
OIL TANK CAPACITY	0.3 lit.	0.2 lit.	1.2 lit.	—	—	—	—	—	—	—
TIRES front rear	2.75-21-4PR 4.00-18-4PR	2.50-16-4PR 3.00-14-4PR	2.50-18-4PR 3.00-16-4PR	3.00-21-4PR 5.00-18-4PR	3.00-21-4PR 4.60-18-4PR	3.00-21-4PR 4.10-18-4PR	2.50-16-4PR 3.00-14-4PR	3.25-18 3.50/525-18	3.00-18-4PR 3.00-18-4PR	2.75-18-4PR 3.00-18-4PR

* Specifications subject to change without notice.



YAMAHA MOTOR N. V.

Postbus 7829 PROF. E. M. Meyerslaan 3
Amstelveen (Amsterdam), Holland

LIT 032058 51.1×452 Printed in Japan

(イギリス向)

www.legends-yamaha-enduros.com