

# "YAMAHA for quality and dependability"

At a time when conditions demand that products meet more rigid requirements, YAMAHA, again, leads the world in a wider variety of quality, dependable machines offering features that exemplify the latest in motorcycle technology. Different styles and power ratings are selected and designed to answer definite consumer needs, and, therefore, among YAMAHA's abundant models, there is exactly the right machine with the best specifications for work, pleasure, or a combination of both.

## STREET



XS650

## RDseries



RD350



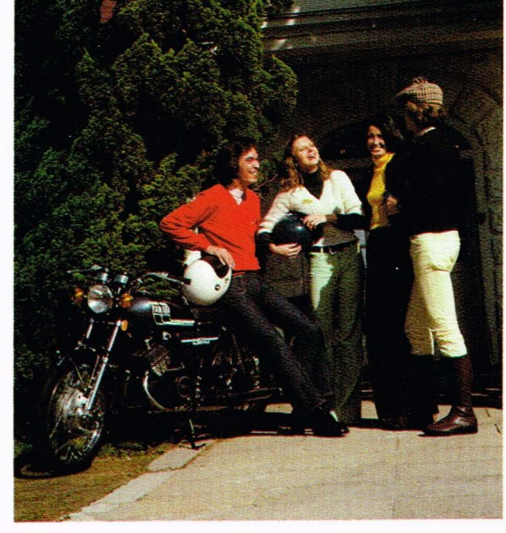
RD250



RD200



RD125



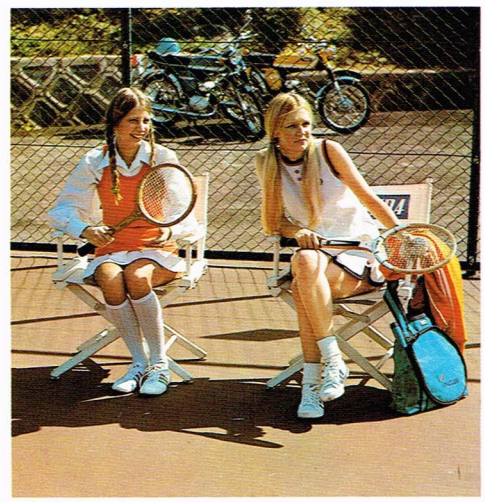
## LIGHT WEIGHT



RS125



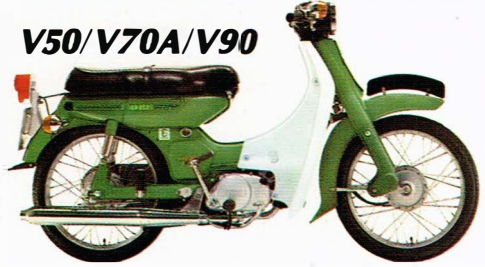
RS100



YB100



FSIE



V50/V70A/V90



## TRAIL



DT175



DT125

## MOTOCROSS



MX400



MX250



MX100

## YZseries



YZ125



YZ80

## ROAD RACER



TZ750



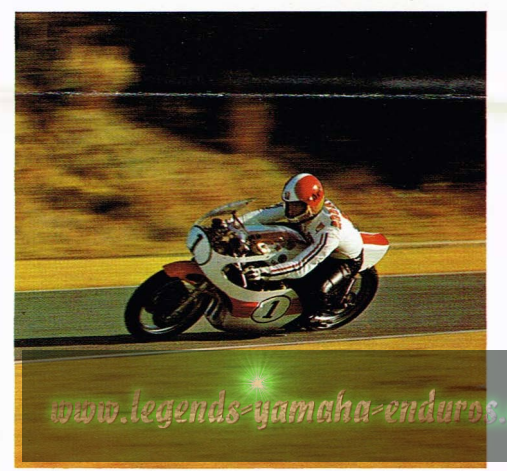
TZ350



TZ250



TA125



[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

## TRIAL



TY250



TY175



TY80



**YAMAHA**  
It's a way of life



# SPECIFICATIONS

SPECS. \ MODELS	XS650	RD350	RD250	RD200	RD125	RS125	RS100	YB100	FS1-E
<b>PERFORMANCE</b>									
Max. speed range	179 km/h	164 km/h	147 km/h	133 km/h	130 km/h	118 km/h	110 km/h	110 km/h	73 km/h
Climbing ability	26°	28°	24°	24°	22.5°	22.5°	25°	22°	18°
Min. turning radius	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	15 m @ 50 km/h	7.5 m @ 35 km/h	6.5 m @ 35 km/h	7 m @ 35 km/h
<b>ENGINE</b>									
Type	4-stroke, OHC, Parallel 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	347 cc	247 cc	195 cc	124 cc	123 cc	97 cc	96 cc	49 cc
Bore & Stroke	75 × 74 mm	64 × 54 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	6.2 : 1	6.2 : 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)	49.1 bhp @ 7,500 rpm	39 bhp @ 7,500 rpm	30 bhp @ 7,500 rpm	22 bhp @ 7,500 rpm	16 bhp @ 9,500 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	5.15 kg-m @ 6,000 rpm	3.8 kg-m @ 7,000 rpm	2.9 kg-m @ 7,000 rpm	2.17 kg-m @ 7,000 rpm	1.3 kg-m @ 8,500 rpm	1.15 kg-m @ 7,500 rpm	1.10 kg-m @ 7,000 rpm	0.95 kg-m @ 6,500 rpm	0.52 kg-m @ 6,000 rpm
Lubrication system	Wet sump	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Autolube	Pre-mix (20 : 1)
Starting system	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	6-speed gearbox	6-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	4-speed gearbox	4-speed gearbox
<b>DIMENSIONS</b>									
Overall length	2,175 mm	2,040 mm	2,040 mm	1,945 mm	1,915 mm	1,870 mm	1,860 mm	1,915 mm	1,755 mm
Overall width	900 mm	L. 785mm H. 835mm	L. 785mm H. 835mm	740 mm	700 mm	775 mm	775 mm	785 mm	555 mm
Overall height	1,160 mm	L. 1,040mm H. 1,110mm	L. 1,040mm H. 1,110mm	1,005 mm	1,020 mm	1,035 mm	1,025 mm	1,060 mm	935 mm
Wheelbase	1,435 mm	1,320 mm	1,320 mm	1,245 mm	1,240 mm	1,205 mm	1,205 mm	1,200 mm	1,160 mm
Min. ground clearance	135 mm	155 mm	150 mm	155 mm	155 mm	150 mm	150 mm	140 mm	135 mm
<b>WEIGHT (NET)</b>	215 kg	146 kg	145 kg	116 kg	103.5 kg	93 kg	89 kg	92 kg	70 kg
<b>FUEL TANK CAPACITY</b>	15.0 lit.	16.0 lit.	16.0 lit.	11.5 lit.	11.5 lit.	9.0 lit.	9.0 lit.	8.6 lit.	6.0 lit.
<b>OIL TANK CAPACITY</b>	2.5 lit.	2.0 lit.	2.0 lit.	2.0 lit.	1.5 lit.	1.5 lit.	1.5 lit.	1.3 lit.	—
<b>TIRES</b>	front 3.25H-19-4PR rear 4.00H-18-4PR	3.00S-18-4PR 3.50S-18-4PR	3.00S-18-4PR 3.25S-18-4PR	2.75-18-4PR 3.00-18-4PR	2.50-18-4PR 2.75-18-4PR	2.75-18-4PR 2.75-18-4PR	2.50-18-4PR 2.75-18-4PR	2.50-18-4PR 2.50-18-4PR	2.25-17-4PR 2.50-17-4PR

SPECS. \ MODELS	V90	V70A	V50	DT175	DT125	MX400	MX250	MX100	YZ125
<b>PERFORMANCE</b>									
Max. speed range	90 km/h	85 km/h	70 km/h	108 km/h	106 km/h	—	—	—	—
Climbing ability	22°	20°	19.5°	32°	30°	—	—	—	—
Min. turning radius	1,800 mm	1,800 mm	1,800 mm	1,995 mm	1,995 mm	2,100 mm	2,100 mm	—	—
Min. braking distance	7.5 m @ 35 km/h	7.5 m @ 35 km/h	7.5 m @ 35 km/h	8.5 m @ 35 km/h	8.5 m @ 35 km/h	15.4 m @ 50 km/h	15.4 m @ 50 km/h	15.4 m @ 50 km/h	—
<b>ENGINE</b>									
Type	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	171 cc	123 cc	397 cc	246 cc	97 cc	123 cc
Bore & Stroke	50 × 45.6 mm	47 × 42 mm	40 × 39.7 mm	60 × 50 mm	56 × 50 mm	85 × 70 mm	70 × 64 mm	52 × 45.6 mm	56 × 50 mm
Compression ratio	6.8 : 1	6.8 : 1	6.6 : 1	6.1 : 1	6.7 : 1	7.57 : 1	7.69 : 1	8.3 : 1	7.5 : 1
Max. horsepower (S.A.E. net)	7.5 bhp @ 6,500 rpm	6.2 bhp @ 6,500 rpm	4.5 bhp @ 6,000 rpm	13 bhp @ 7,000 rpm	10.5 bhp @ 7,000 rpm	40 bhp @ 7,500 rpm	32.5 bhp @ 7,500 rpm	16 bhp @ 10,500 rpm	23 bhp @ 10,000 rpm
Max. torque	0.95 kg-m @ 4,500 rpm	0.70 kg-m @ 4,500 rpm	0.54 kg-m @ 5,000 rpm	1.4 kg-m @ 6,500 rpm	1.1 kg-m @ 6,500 rpm	3.95 kg-m @ 7,000 rpm	3.11 kg-m @ 6,500 rpm	1.12 kg-m @ 9,500 rpm	1.61 kg-m @ 9,500 rpm
Lubrication system	Autolube	Autolube	Autolube	Autolube	Autolube	Pre-mixed (20 : 1)	Pre-mixed (20 : 1)	Autolube and Pre-mix (30 : 1)	Pre-mixed (20 : 1)
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
Transmission	3-speed gearbox	2-speed gearbox	3-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	5-speed gearbox	6-speed gearbox
<b>DIMENSIONS</b>									
Overall length	1,845 mm	1,840 mm	1,840 mm	2,030 mm	2,100 mm	2,105 mm	2,110 mm	1,930 mm	2,055 mm
Overall width	645 mm	645 mm	645 mm	880 mm	880 mm	985 mm	985 mm	925 mm	985 mm
Overall height	1,010 mm	1,005 mm	1,005 mm	1,055 mm	1,055 mm	1,165 mm	1,165 mm	1,075 mm	1,115 mm
Wheelbase	1,170 mm	1,170 mm	1,170 mm	1,325 mm	1,325 mm	1,415 mm	1,420 mm	1,290 mm	1,370 mm
Min. ground clearance	135 mm	130 mm	130 mm	235 mm	235 mm	235 mm	235 mm	230 mm	260 mm
<b>WEIGHT (NET)</b>	79 kg	75 kg	75 kg	109 kg	106 kg	105 kg	100 kg	80 kg	83.5 kg
<b>FUEL TANK CAPACITY</b>	5.3 lit.	5.3 lit.	5.3 lit.	7.0 lit.	7.0 lit.	8.0 lit.	8.0 lit.	6.0 lit.	5.0 lit.
<b>OIL TANK CAPACITY</b>	1.2 lit.	1.2 lit.	1.2 lit.	1.2 lit.	1.2 lit.	—	—	0.45 lit.	—
<b>TIRES</b>	front 2.50-17-4PR rear 2.50-17-4PR	2.25-17-4PR 2.25-17-4PR	2.25-17-4PR 2.25-17-4PR	2.75-21-4PR 3.50-21-4PR	2.75-21-4PR 3.25-18-4PR	3.00-21-4PR 4.60-18-4PR	3.00-21-4PR 4.60-18-4PR	2.75-19-4PR 3.00-18-4PR	3.00-21-4PR 4.10-18-4PR

SPECS. \ MODELS	YZ80	TZ750	TZ350	TZ250	TA125	TY250	TY175	TY80
<b>PERFORMANCE</b>								
Max. speed range	—	265 km/h plus	225 km/h plus	215 km/h plus	175 km/h plus	—	—	—
Climbing ability	—	—	—	—	—	—	—	—
Min. turning radius	—	4,700 mm	4,490 mm	4,490 mm	3,200 mm	L. R. 60°	L. R. 60°	L. R. 70°
Min. braking distance	—	—	—	—	—	15 m @ 50 km/h	15 m @ 50 km/h	7.5 m @ 35 km/h
<b>ENGINE</b>								
Type	2-stroke, Torque Induction Single	2-stroke, Torque Induction Water cooled, 4-cylinder	2-stroke, Piston valve, Water cooled, Twin	2-stroke, Piston valve, Water cooled, Twin	2-stroke, Piston valve, Air cooled, Twin	2-stroke, Torque Induction Single	2-stroke, Torque Induction Single	2-stroke, Torque Induction Single
Displacement	72 cc	694 cc	347 cc	247 cc	124 cc	246 cc	171 cc	72 cc
Bore & Stroke	47 × 42 mm	64 × 54 mm	64 × 54 mm	54 × 54 mm	43 × 43 mm	70 × 64 mm	66 × 55 mm	47 × 42 mm
Compression ratio	7.4 : 1	7.3 : 1	7.3 : 1	7.6 : 1	7.5 : 1	6.4 : 1	5.8 : 1	7.0 : 1
Max. horsepower (S.A.E. net)	8.7 bhp @ 9,500 rpm	90 bhp plus @ 10,000 rpm	54 bhp plus @ 9,500 rpm	44 bhp plus @ 10,000 rpm	24 bhp plus @ 12,750 rpm	16.5 bhp plus @ 6,000 rpm	12 bhp @ 7,000 rpm	4.9 bhp @ 7,000 rpm
Max. torque	0.73 kg-m @ 8,000 rpm	6.5 kg-m plus @ 9,500 rpm	4.17 kg-m plus @ 9,000 rpm	3.17 kg-m plus @ 9,500 rpm	1.36 kg-m plus @ 12,750 rpm	2.1 kg-m @ 5,500 rpm	1.4 kg-m @ 6,000 rpm	0.61 kg-m @ 5,500 rpm
Lubrication system	Autolube	Pre-mixed (15 : 1)	Pre-mixed (15 : 1)	Pre-mixed (15 : 1)	Autolube and Pre-mix (30 : 1)	Autolube	Autolube	Autolube
Starting system	Primary kick starter	Push to start	Push to start	Push to start	Push to start	Primary kick starter	Primary kick starter	Primary kick starter
Transmission	5-speed gearbox	6-speed gearbox	6-speed gearbox	6-speed gearbox	5-speed gearbox	5-speed gearbox	6-speed gearbox	4-speed gearbox
<b>DIMENSIONS</b>								
Overall length	1,700 mm	2,036 mm	1,945 mm	1,940 mm	1,830 mm	2,010 mm	1,955 mm	1,560 mm
Overall width	785 mm	637 mm	510 mm	510 mm	580 mm	835 mm	835 mm	690 mm
Overall height	935 mm	942 mm	920 mm	915 mm	1,000 mm	1,110 mm	1,100 mm	890 mm
Wheelbase	1,165 mm	1,408 mm	1,330 mm	1,330 mm	1,235 mm	1,295 mm	1,265 mm	1,025 mm
Min. ground clearance	160 mm	127 mm	145 mm	150 mm	140 mm	280 mm	295 mm	220 mm
<b>WEIGHT (NET)</b>	62 kg	157 kg	115 kg	110 kg	81 kg	93 kg	81.0 kg	54 kg
<b>FUEL TANK CAPACITY</b>	4.3 lit.	24.0 lit.	23.0 lit.	23.0 lit.	13.5 lit.	5.0 lit.	4.5 lit.	2.5 lit.
<b>OIL TANK CAPACITY</b>	0.25 lit.	—	—	—	0.6 lit.	0.35 lit.	0.3 lit.	0.2 lit.
<b>TIRES</b>	front 2.50-16-4PR rear 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	2.50-18-4PR 2.50-18-4PR	2.75-21-4PR 4.00-18-4PR	2.75-21-4PR 4.00-18-4PR	2.50-16-4PR 3.00-14-4PR

\* Specifications subject to change without notice.