

'77 YAMAHA

FREMONT YAMAHA
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The 1977 Yamahas: Reliable, D



Chappy

| | | | |
|---------------------|------------------|--------------------|-------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 61.6" | Type: | 2-stroke single |
| Overall width: | 26.2" | Displacement: | 72cc |
| Overall height: | 36.4" | Bore and Stroke: | 47 x 42 mm |
| Wheelbase: | 41.3" | Compression ratio: | 6.8:1 |
| Ground clearance: | 5.3" | Maximum torque: | 4.7ft.-lbs. @ 4,000 rpm |
| Dry weight: | 163 lbs. | Carburetion: | (1) Mikuni 16 mm |
| Fuel tank capacity: | 0.9 gals. | Ignition: | Magneto |
| Oil tank capacity: | 1.48 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 2-speed Automatic |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 4.00 x 8 | | |
| Rear: | 4.00 x 8 | | |



Champ

| | | | |
|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 66.1" | Type: | 2-stroke single |
| Overall width: | 27.2" | Displacement: | 72cc |
| Overall height: | 38.0" | Bore and Stroke: | 47 x 42 mm |
| Wheelbase: | 41.5" | Compression ratio: | 5.8:1 |
| Ground clearance: | 6.1" | Maximum torque: | 4.1 ft.-lbs. @ 4,000 rpm |
| Dry weight: | 168 lbs. | Carburetion: | (1) Mikuni 16 mm |
| Fuel tank capacity: | 0.9 gals. | Ignition: | Magneto |
| Oil tank capacity: | 1.37 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 3-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 4.00 x 10 | | |
| Rear: | 4.00 x 10 | | |

Street Machines



XS360

| | | | |
|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 80.5" | Type: | 4-stroke S.O.H.C. |
| Overall width: | 33.3" | Displacement: | 358cc |
| Overall height: | 43.3" | Bore and Stroke: | 66 x 52.4 mm |
| Wheelbase: | 52.8" | Compression ratio: | 8.7:1 |
| Ground clearance: | 6.1" | Maximum torque: | 20.3ft.-lbs. @ 7,500 rpm |
| Dry weight: | 351 lbs. | Carburetion: | (2) Mikuni 34 mm |
| Fuel tank capacity: | 2.9 gals. | Ignition: | Battery |
| Oil capacity: | 2.7 qts. | Starting: | Kick and Electric |
| Suspension | | Lubrication: | Wet sump |
| Front: | Telescopic forks | Transmission: | 6-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Hydraulic disc | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 18 | | |
| Rear: | 3.50 x 18 | | |



XS360

Special Value Edition

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|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 80.5" | Type: | 4-stroke S.O.H.C. |
| Overall width: | 32.3" | Displacement: | 358cc |
| Overall height: | 42.9" | Bore and Stroke: | 66 x 52.4 mm |
| Wheelbase: | 52.8" | Compression ratio: | 8.7:1 |
| Ground clearance: | 6.1" | Maximum torque: | 20.3ft.-lbs. @ 7,500 rpm |
| Dry weight: | 337 lbs. | Carburetion: | (2) Mikuni 34 mm |
| Fuel tank capacity: | 2.9 gals. | Ignition: | Battery |
| Oil capacity: | 2.7 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Wet sump |
| Front: | Telescopic forks | Transmission: | 6-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 18 | | |
| Rear: | 3.50 x 18 | | |



RD400

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|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 79.3" | Type: | 2-stroke twin |
| Overall width: | 32.7" | Displacement: | 398cc |
| Overall height: | 42.9" | Bore and Stroke: | 64 x 62 mm |
| Wheelbase: | 51.8" | Compression ratio: | 6.2:1 |
| Ground clearance: | 6.1" | Maximum torque: | 28.2ft.-lbs. @ 6,500 rpm |
| Dry weight: | 342 lbs. | Carburetion: | (2) Mikuni 28 mm |
| Fuel tank capacity: | 3.4 gals. | Ignition: | Battery |
| Oil tank capacity: | 1.9 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 6-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Hydraulic disc | | |
| Rear: | Hydraulic disc | | |
| Tires | | | |
| Front: | 3.25 x 18 | | |
| Rear: | 3.50 x 18 | | |



RD400

| | | | |
|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 79.3" | Type: | 2-stroke twin |
| Overall width: | 32.7" | Displacement: | 398cc |
| Overall height: | 42.9" | Bore and Stroke: | 64 x 62 mm |
| Wheelbase: | 51.8" | Compression ratio: | 6.2:1 |
| Ground clearance: | 6.1" | Maximum torque: | 28.2ft.-lbs. @ 6,500 rpm |
| Dry weight: | 342 lbs. | Carburetion: | (2) Mikuni 28 mm |
| Fuel tank capacity: | 3.4 gals. | Ignition: | Battery |
| Oil tank capacity: | 1.9 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 6-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Hydraulic disc | | |
| Rear: | Hydraulic disc | | |
| Tires | | | |
| Front: | 3.25 x 18 | | |
| Rear: | 3.50 x 18 | | |

Dependable. And perhaps the most technologic



XS400

| | | | |
|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 79.7" | Type: | 4-stroke |
| Overall width: | 33.3" | | S.O.H.C. |
| Overall height: | 43.3" | | twin |
| Wheelbase: | 52.6" | Displacement: | 392cc |
| Ground clearance: | 5.9" | Bore and Stroke: | 69.0 x 52.4 mm |
| Dry weight: | 362 lbs. | Compression ratio: | 9.2:1 |
| Fuel tank capacity: | 2.9 gals. | Maximum torque: | 23.2 ft.-lbs. @ 8,000 rpm |
| Oil capacity: | 2.7 qts. | Carburetion: | (2) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 34 mm Battery |
| Brakes | | Starting: | Kick & Electric |
| Front: | Hydraulic disc | Lubrication: | Wet sump |
| Rear: | Hydraulic disc | Transmission: | 6-speed |
| Tires | | | |
| Front: | 3.25 x 18 | | |
| Rear: | 3.50 x 18 | | |



XS500

| | | | |
|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 82.7" | Type: | 4-stroke |
| Overall width: | 32.9" | | D.O.H.C. |
| Overall height: | 44.1" | | twin |
| Wheelbase: | 55.1" | Displacement: | 498 cc |
| Ground clearance: | 6.1" | Bore and Stroke: | 73 x 59.6 mm |
| Dry weight: | 423 lbs. | Compression ratio: | 8.5:1 |
| Fuel tank capacity: | 4.0 gals. | Maximum torque: | 32.6 ft.-lbs. @ 6,500 rpm |
| Oil capacity: | 3.2 qts. | Carburetion: | (2) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 38 mm Battery |
| Brakes | | Starting: | Kick and Electric |
| Front: | Hydraulic disc | Lubrication: | Wet sump |
| Rear: | Hydraulic disc | Transmission: | 5-speed |
| Tires | | | |
| Front: | 3.25 x 19 | | |
| Rear: | 4.00 x 18 | | |



XS650

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|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 85.8" | Type: | 4-stroke |
| Overall width: | 32.9" | | S.O.H.C. |
| Overall height: | 45.7" | | twin |
| Wheelbase: | 56.5" | Displacement: | 653cc |
| Ground clearance: | 5.9" | Bore and Stroke: | 75 x 74 mm |
| Dry weight: | 467 lbs. | Compression ratio: | 8.4:1 |
| Fuel tank capacity: | 4.0 gals. | Maximum torque: | 40.1 ft.-lbs. @ 6,000 rpm |
| Oil capacity: | 2.6 qts. | Carburetion: | (2) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 38 mm Battery |
| Brakes | | Starting: | Kick and Electric |
| Front: | Hydraulic disc | Lubrication: | Wet sump |
| Rear: | Drum | Transmission: | 5-speed |
| Tires | | | |
| Front: | 3.50 x 19 | | |
| Rear: | 4.00 x 18 | | |



XS650

| | | | |
|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 85.8" | Type: | 4-stroke |
| Overall width: | 32.9" | | S.O.H.C. |
| Overall height: | 45.7" | | twin |
| Wheelbase: | 56.5" | Displacement: | 653cc |
| Ground clearance: | 5.9" | Bore and Stroke: | 75 x 74 mm |
| Dry weight: | 467 lbs. | Compression ratio: | 8.4:1 |
| Fuel tank capacity: | 4.0 gals. | Maximum torque: | 40.1 ft.-lbs. @ 6,000 rpm |
| Oil capacity: | 2.6 qts. | Carburetion: | (2) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 38 mm Battery |
| Brakes | | Starting: | Kick and Electric |
| Front: | Hydraulic disc | Lubrication: | Wet sump |
| Rear: | Drum | Transmission: | 5-speed |
| Tires | | | |
| Front: | 3.50 x 19 | | |
| Rear: | 4.00 x 18 | | |



XS750

| | | | |
|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 85.8" | Type: | 4-stroke |
| Overall width: | 32.9" | | D.O.H.C. |
| Overall height: | 45.3" | | triple |
| Wheelbase: | 57.7" | Displacement: | 747cc |
| Ground clearance: | 5.9" | Bore and Stroke: | 68 x 68.6 mm |
| Dry weight: | 505 lbs. | Compression ratio: | 8.5:1 |
| Fuel tank capacity: | 4.5 gals. | Maximum torque: | 43.4 ft.-lbs. @ 6,500 rpm |
| Oil capacity: | 3.7 qts. | Carburetion: | (3) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 34 mm Battery |
| Brakes | | Starting: | Kick & Electric |
| Front: | Hydraulic discs | Lubrication: | Wet sump |
| Rear: | Hydraulic disc | Transmission: | 5-speed |
| Tires | | | |
| Front: | 3.25 x 19 | | |
| Rear: | 4.00 x 18 | | |



XS750

| | | | |
|---------------------|------------------|--------------------|------------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 94.1" | Type: | 4-stroke |
| Overall width: | 38.0" | | D.O.H.C. |
| Overall height: | 46.7" | | triple |
| Wheelbase: | 57.9" | Displacement: | 747 cc |
| Ground clearance: | 5.5" | Bore and Stroke: | 68 x 68.6 mm |
| Dry weight: | 511 lbs. | Compression ratio: | 8.5:1 |
| Fuel tank capacity: | 4.5 gals. | Maximum torque: | 43.4 ft.-lbs. @ 6,500 rpm |
| Oil capacity: | 4.0 qts. | Carburetion: | (3) Mikuni |
| Suspension | | | |
| Front: | Telescopic forks | | |
| Rear: | Swing arm | Ignition: | 34 mm Battery |
| Brakes | | Starting: | Kick & Electric |
| Front: | Hydraulic discs | Lubrication: | Wet sump |
| Rear: | Hydraulic disc | Transmission: | 5-speed |
| Tires | | | |
| Front: | 3.25 x 19 | | |
| Rear: | 4.00 x 18 | | |

ally innovative motorcycles ever.

Enduro Machines



DT 100

| | | | |
|---------------------|------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 74.0" | Type: | 2-stroke single |
| Overall width: | 31.5" | Displacement: | 97 cc |
| Overall height: | 39.0" | Bore and Stroke: | 52 x 45.6 mm |
| Wheelbase: | 46.9" | Compression ratio: | 7.4:1 |
| Ground clearance: | 7.9" | Maximum torque: | 6.8 ft.-lbs. @ 6,000 rpm |
| Dry weight: | 176.4 lbs. | Carburetion: | (1) Mikuni 22 mm |
| Fuel tank capacity: | 1.19 gals. | Ignition: | Magneto |
| Oil tank capacity: | 1.06 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 5-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 2.50 x 18 | | |
| Rear: | 3.00 x 16 | | |



DT 250

| | | | |
|---------------------|---------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 86.0" | Type: | 2-stroke single |
| Overall width: | 34.3" | Displacement: | 246 cc |
| Overall height: | 45.9" | Bore and Stroke: | 70 x 64 mm |
| Wheelbase: | 55.9" | Compression ratio: | 6.7:1 |
| Ground clearance: | 10.0" | Maximum torque: | 19.5 ft.-lbs. @ 5,000 rpm |
| Dry weight: | 259.6 lbs. | Carburetion: | (1) Mikuni 28 mm |
| Fuel tank capacity: | 2.4 gals. | Ignition: | Magneto |
| Oil tank capacity: | 1.2 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 5-speed |
| Rear: | De Carbon Monocross | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.00 x 18 | | |



DT 400

| | | | |
|---------------------|---------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 86.0" | Type: | 2-stroke single |
| Overall width: | 34.3" | Displacement: | 397 cc |
| Overall height: | 45.9" | Bore and Stroke: | 85 x 70 mm |
| Wheelbase: | 55.7" | Compression ratio: | 6.4:1 |
| Ground clearance: | 10.0" | Maximum torque: | 27.5 ft.-lbs. @ 5,000 rpm |
| Dry weight: | 268.4 lbs. | Carburetion: | (1) Mikuni 32 mm |
| Fuel tank capacity: | 2.4 gals. | Ignition: | C.D.I. |
| Oil tank capacity: | 1.2 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 5-speed |
| Rear: | De Carbon Monocross | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.00 x 18 | | |



XT 500

| | | | |
|---------------------|---------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 84.8" | Type: | 4-stroke single |
| Overall width: | 34.4" | Displacement: | 499 cc |
| Overall height: | 46.5" | Bore and Stroke: | 87 x 84 mm |
| Wheelbase: | 55.9" | Compression ratio: | 9.0:1 |
| Ground clearance: | 8.9" | Maximum torque: | 28.2 ft.-lbs. @ 5,500 rpm |
| Dry weight: | 306 lbs. | Carburetion: | (1) Mikuni 32 mm |
| Fuel tank capacity: | 2.3 gals. | Ignition: | Magneto |
| Oil capacity: | 2.3 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Dry Sump |
| Front: | Motocross forks | Transmission: | 5-speed |
| Rear: | Nitrogen/oil shocks | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.00 x 18 | | |

Mini-Bikes



GT MX

| | | | |
|---------------------------|-----------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 61.1" | Type: | 2-stroke single |
| Overall width: | 27.2" | Displacement: | 72 cc |
| Overall height: | 36.6" | Bore and Stroke: | 47 x 42 mm |
| Wheelbase: | 41.1" | Compression ratio: | 6.8:1 |
| Minimum ground clearance: | 7.7" | Maximum torque: | 4.0 ft.-lbs. @ 6,000 rpm |
| Dry weight: | 130 lbs. | Carburetion: | (1) Teikei 16 mm |
| Fuel tank capacity: | 1.3 gal. | Ignition: | Magneto |
| Oil tank capacity: | 0.7 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic fork | Transmission: | 4-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 2.50 x 15 | | |
| Rear: | 2.75 x 14 | | |



YZ 80

| | | | |
|---------------------|------------------------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 67.1" | Type: | 2-stroke single |
| Overall width: | 30.9" | Displacement: | 79 cc |
| Overall height: | 37.6" | Bore and Stroke: | 49 x 42 mm |
| Wheelbase: | 46.1" | Compression ratio: | 7.3:1 |
| Ground clearance: | 7.9" | Maximum torque: | 5.8 ft.-lbs. @ 10,000 rpm |
| Dry weight: | 143 lbs. | Carburetion: | (1) Mikuni 26 mm |
| Fuel tank capacity: | 1.1 gals. | Ignition: | Magneto |
| Suspension | | Starting: | Kick |
| Front: | Telescopic forks | Lubrication: | Pre-mix |
| Rear: | Swing arm with nitrogen/oil shocks | Transmission: | 5-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 2.50 x 16 | | |
| Rear: | 3.60 x 14 | | |

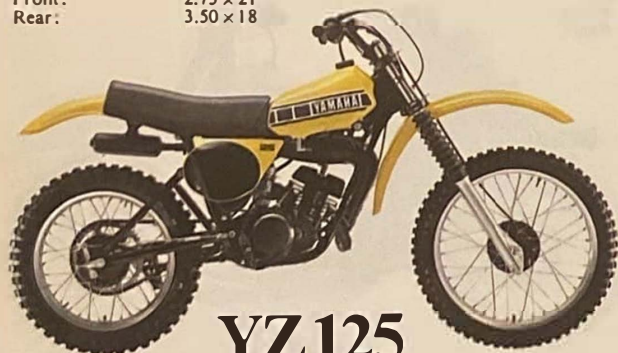
When you know how they're

Motocross Machines



YZ 100

| | | | |
|---------------------|----------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 80.5" | Type: | 2-stroke, single |
| Overall width: | 38.8" | Displacement: | 98 cc |
| Overall height: | 44.7" | Bore and Stroke: | 50 x 50 mm |
| Wheelbase: | 53.9" | Compression ratio: | 7.2:1 |
| Ground clearance: | 10.8" | Maximum torque: | 9.3 ft.-lbs. @ 9,500 rpm |
| Dry weight: | 190 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 1.5 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Telescopic forks | Lubrication: | Pre-mix |
| Rear: | Monocross suspension | Transmission: | 6-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 2.75 x 21 | | |
| Rear: | 3.50 x 18 | | |



YZ 125

| | | | |
|---------------------|---------------------|--------------------|----------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 81.7" | Type: | 2-stroke, single |
| Overall width: | 35.4" | Displacement: | 123 cc |
| Overall height: | 46.3" | Bore and Stroke: | 56 x 50 mm |
| Wheelbase: | 55.1" | Compression ratio: | 7.7:1 |
| Ground clearance: | 11.0" | Maximum torque: | 12.0 ft.-lbs. @ 10,000 rpm |
| Dry weight: | 192 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 1.5 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Telescopic forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 6-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.10 x 18 | | |



YZ 250

| | | | |
|---------------------|------------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 84.1" | Type: | 2-stroke single |
| Overall width: | 35.8" | Displacement: | 246 cc |
| Overall height: | 46.5" | Bore and Stroke: | 70 x 64 mm |
| Wheelbase: | 56.7" | Compression ratio: | 7.84:1 |
| Ground clearance: | 11.4" | Maximum torque: | 23.0 ft.-lbs. @ 7,500 rpm |
| Dry weight: | 224 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 2.1 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Air/spring front forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 5-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.50 x 18 | | |



YZ 400

| | | | |
|---------------------|------------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 84.1" | Type: | 2-stroke single |
| Overall width: | 35.8" | Displacement: | 397 cc |
| Overall height: | 46.5" | Bore and Stroke: | 85 x 70 mm |
| Wheelbase: | 56.7" | Compression ratio: | 7.59:1 |
| Ground clearance: | 11.4" | Maximum torque: | 29.3 ft.-lbs. @ 7,000 rpm |
| Dry weight: | 229 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 2.1 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Air/spring front forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 5-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.50 x 18 | | |



TT 500

| | | | |
|---------------------|---------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 83.4" | Type: | 4-stroke single |
| Overall width: | 35.6" | Displacement: | 499 cc |
| Overall height: | 44.7" | Bore and Stroke: | 87 x 84 mm |
| Wheelbase: | 56.2" | Compression ratio: | 9.0:1 |
| Ground clearance: | 9.2" | Maximum torque: | 28.2 ft.-lbs. @ 5,500 rpm |
| Dry weight: | 272 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 2.2 gals. | Ignition: | 34 mm Magneto |
| Oil capacity: | 2.3 qts. | Starting: | Kick |
| Suspension | | Lubrication: | Dry Sump |
| Front: | Motocross forks | Transmission: | 5-speed |
| Rear: | Nitrogen/oil shocks | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.60 x 18 | | |



TY 250

| | | | |
|---------------------|------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 78.1" | Type: | 2-stroke, single |
| Overall width: | 32.9" | Displacement: | 246 cc |
| Overall height: | 43.7" | Bore and Stroke: | 70 x 64 mm |
| Wheelbase: | 51.0" | Compression ratio: | 6.0:1 |
| Ground clearance: | 11.0" | Maximum torque: | 15.2 ft.-lbs. @ 5,500 rpm |
| Dry weight: | 205 lbs. | Carburetion: | (1) Mikuni |
| Fuel tank capacity: | 1.3 gals. | Ignition: | VM26SS Flywheel |
| Oil tank capacity: | 0.37 qts. | Starting: | magneto |
| Suspension | | Lubrication: | Autolube |
| Front: | Telescopic forks | Transmission: | 5-speed |
| Rear: | Swing arm | | |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 2.75 x 21 | | |
| Rear: | 4.00 x 18 | | |

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...e built, you'll buy a Yamaha.

Int'l Trials Machines



IT 175

| | | | |
|---------------------|------------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 85.0" | Type: | 2-stroke single |
| Overall width: | 35.4" | Displacement: | 171cc |
| Overall height: | 44.9" | Bore and Stroke: | 66 x 50 mm |
| Wheelbase: | 54.5" | Compression ratio: | 7.4:1 |
| Ground clearance: | 9.4" | Maximum torque: | 14.5 ft.-lbs. @ 8,000 rpm |
| Dry weight: | 216 lbs. | Carburetion: | (1) Mikuni 34 mm |
| Fuel tank capacity: | 2.5 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Air/spring front forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 6-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.10 x 18 | | |



IT 400

| | | | |
|---------------------|------------------------|--------------------|--------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 87.4" | Type: | 2-stroke single |
| Overall width: | 35.8" | Displacement: | 397cc |
| Overall height: | 45.1" | Bore and Stroke: | 85 x 70 mm |
| Wheelbase: | 56.3" | Compression ratio: | 7.59:1 |
| Ground clearance: | 9.4" | Maximum torque: | 30.9ft.-lbs. @ 6,000 rpm |
| Dry weight: | 254 lbs. | Carburetion: | (1) Mikuni 38 mm |
| Fuel tank capacity: | 3.2 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Air/spring front forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 5-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.50 x 18 | | |



TZ 750

| | | | |
|---------------------|---------------------|--------------------|--|
| CHASSIS: | | ENGINE: | |
| Overall length: | 79.3" | Type: | 2-stroke, Torque Induction, Water cooled, 4-cylinder |
| Overall width: | 25.1" | Displacement: | 747cc |
| Overall height: | 36.8" | Bore and Stroke: | 66.4 x 54 mm |
| Wheelbase: | 54.7" | Compression ratio: | 7.3:1 |
| Ground clearance: | 5.0" | Maximum torque: | 52.0ft.-lbs. @ 9,500 rpm |
| Dry weight: | 342 lbs. | Carburetion: | (4) Mikuni 34 mm |
| Fuel tank capacity: | 6.3 gals. | Ignition: | Starting |
| Suspension | | Lubrication: | Pre-mix |
| Front: | Telescopic forks | Transmission: | 6-speed |
| Rear: | De Carbon Monocross | | |
| Brakes | | | |
| Front: | Hydraulic discs | | |
| Rear: | Hydraulic disc | | |
| Tires | | | |
| Front: | 3.25 x 18 | | |
| Rear: | 3.50/5.25 x 18 | | |



IT 250

| | | | |
|---------------------|------------------------|--------------------|---------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 87.4" | Type: | 2-stroke single |
| Overall width: | 35.8" | Displacement: | 246cc |
| Overall height: | 45.1" | Bore and Stroke: | 70 x 64 mm |
| Wheelbase: | 56.3" | Compression ratio: | 7.84:1 |
| Ground clearance: | 9.4" | Maximum torque: | 22.6 ft.-lbs. @ 7,000 rpm |
| Dry weight: | 247 lbs. | Carburetion: | (1) Mikuni 36 mm |
| Fuel tank capacity: | 3.2 gals. | Ignition: | C.D.I. |
| Suspension | | Starting: | Kick |
| Front: | Air/spring front forks | Lubrication: | Pre-mix |
| Rear: | De Carbon Monocross | Transmission: | 5-speed |
| Brakes | | | |
| Front: | Drum | | |
| Rear: | Drum | | |
| Tires | | | |
| Front: | 3.00 x 21 | | |
| Rear: | 4.50 x 18 | | |



TZ 250

| | | | |
|---------------------|---------------------|--------------------|----------------------------|
| CHASSIS: | | ENGINE: | |
| Overall length: | 76.0" | Type: | 2-stroke, 5-port |
| Overall width: | 24.8" | Piston-valve, | Water cooled, |
| Overall height: | 36.8" | twin | |
| Wheelbase: | 51.8" | Displacement: | 247cc |
| Ground clearance: | 6.9" | Bore and Stroke: | 54 x 54 mm |
| Dry weight: | 259 lbs. | Compression ratio: | 7.8:1 |
| Fuel tank capacity: | 6.2 gals. | Maximum torque: | 23.8 ft.-lbs. @ 10,000 rpm |
| Suspension | | Carburetion: | (2) Mikuni 34 mm |
| Front: | Telescopic forks | Ignition: | C.D.I. |
| Rear: | De Carbon Monocross | Starting: | Push start |
| Brakes | | Lubrication: | Pre-mix |
| Front: | Hydraulic disc | Transmission: | 6-speed |
| Rear: | Hydraulic disc | | |
| Tires | | | |
| Front: | 2.75 x 18 | | |
| Rear: | 3.00 x 18 | | |

Specifications subject to change without notice.

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