

**MX400**



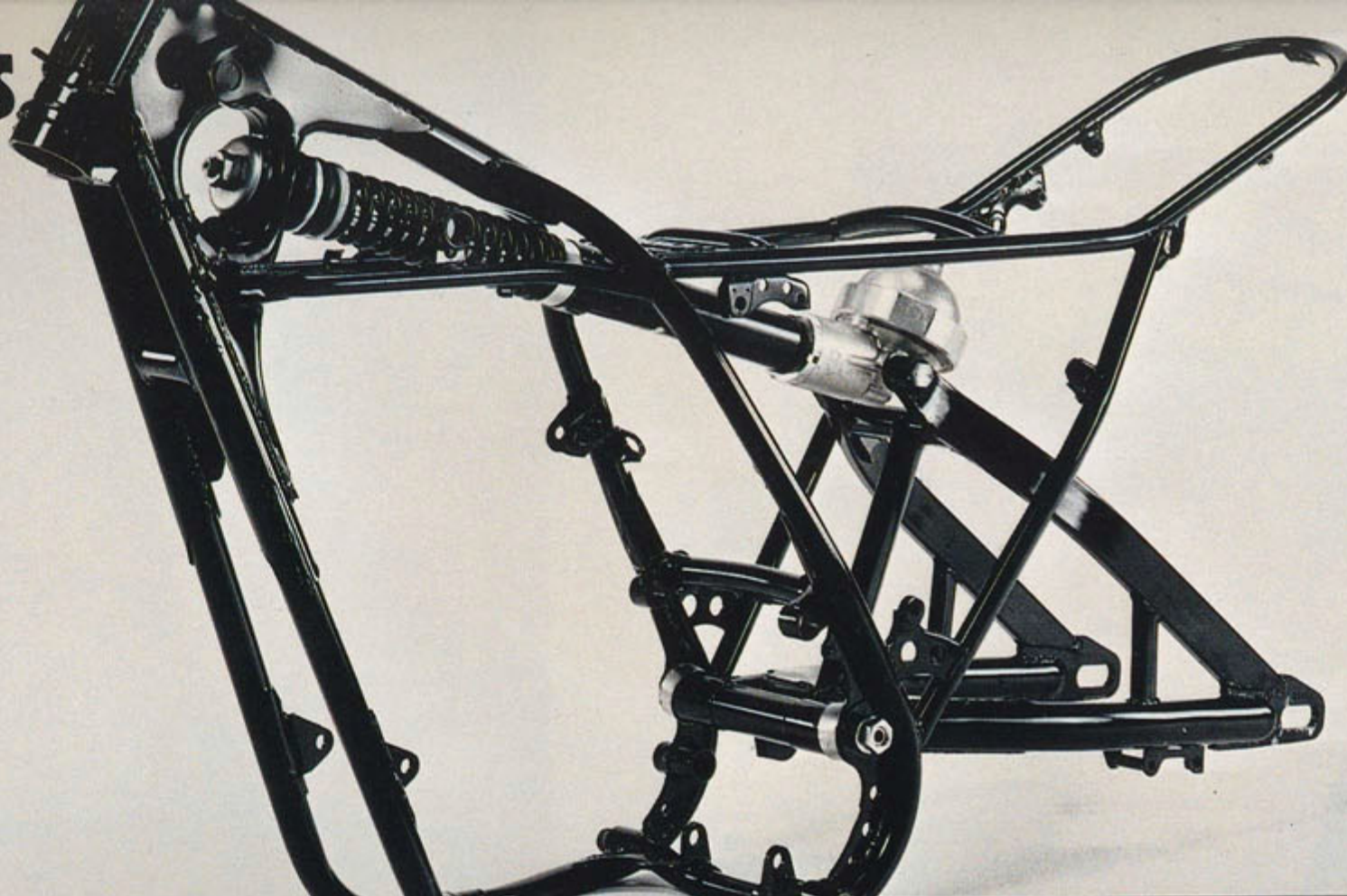


The MX400 is patterned after Yamaha's national and international championship motocross machines. The secret weapon that makes these machines winners is monocross suspension. And monocross suspension is the secret weapon on the MX400.

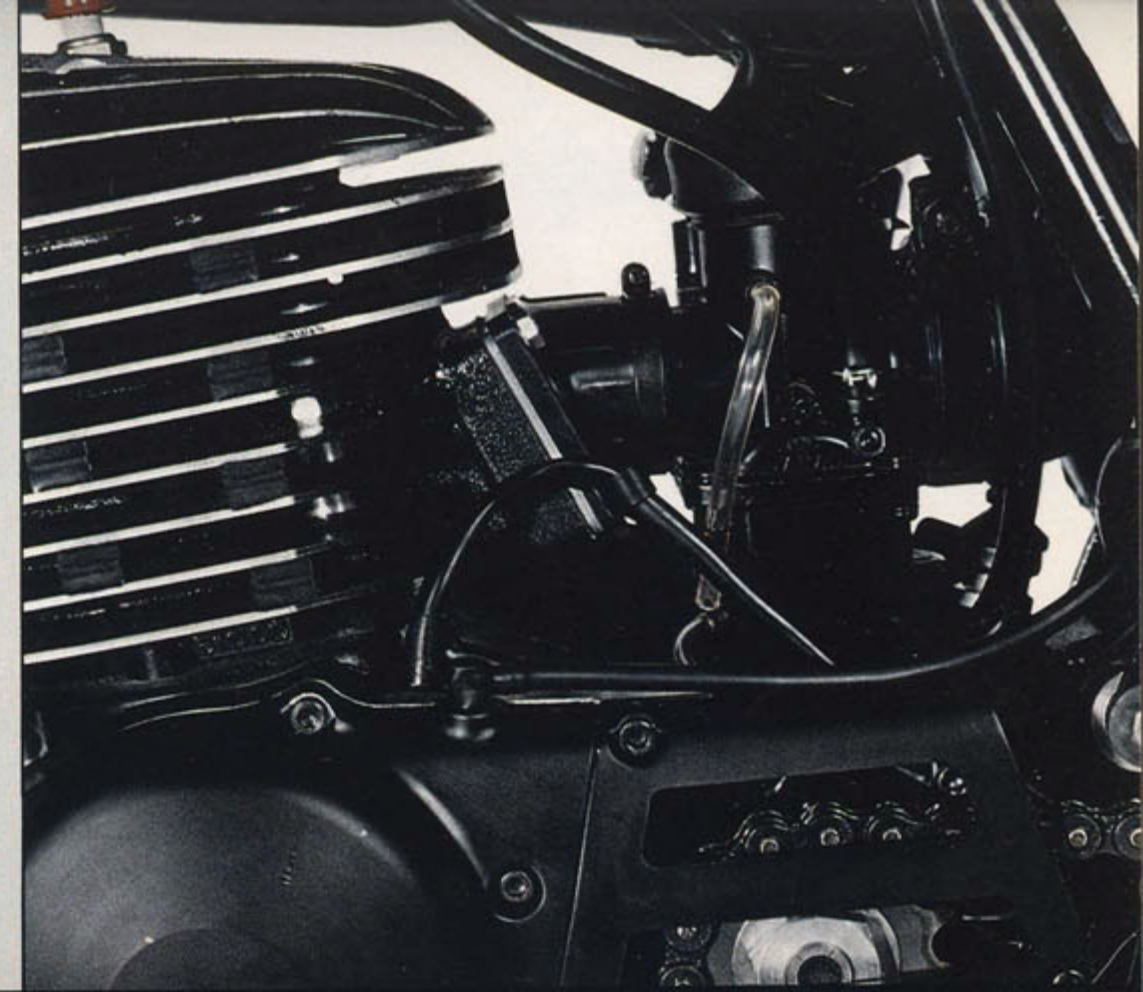
Monocross suspension means that the top end of the shock absorbing mechanism is connected forward on the machine under the tank area, yielding a much longer stroke capability. This gives the rear wheel more traction over rough terrain, for a smoother, more controlled ride.

The MX400 also has a wide power band. And a radial fin cylinder head designed for better, more efficient cooling. The MX400 is equipped with Yamaha's exclusive Torque Induction intake system, to give you more power in the low to medium ranges. In motocross, scrambles and desert racing, the MX400 is the machine that can make you a champion.

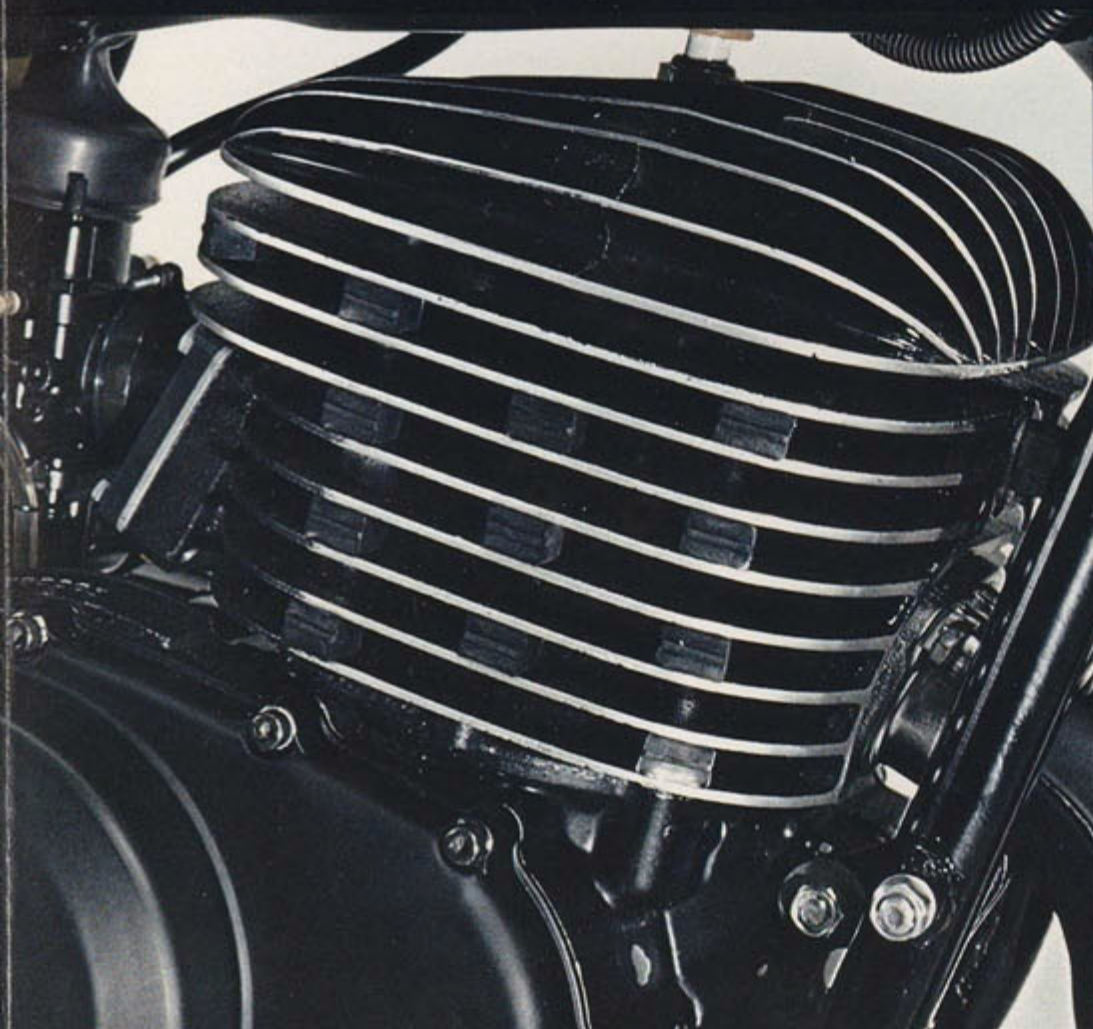
# Features



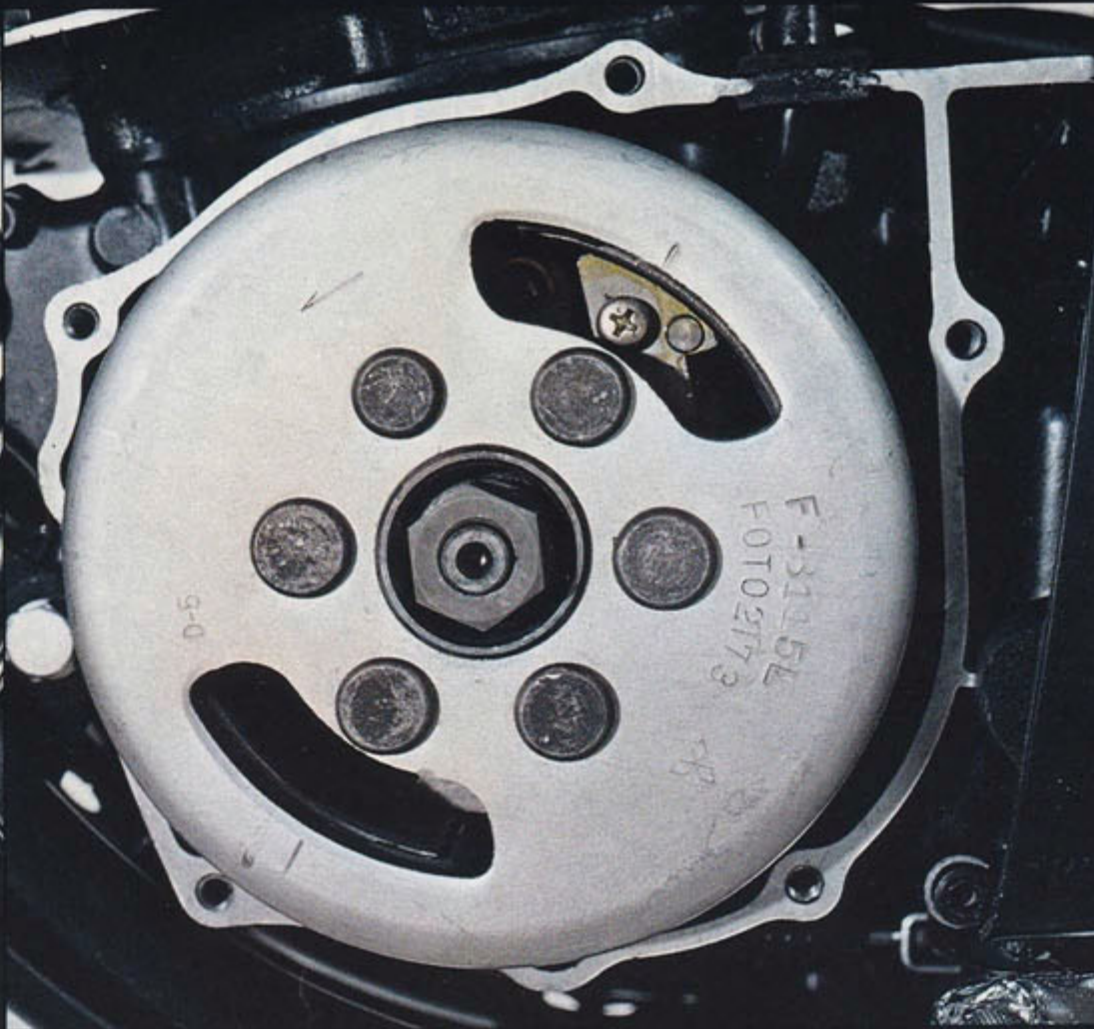
The new monocross suspension system on Yamaha's MX250 and MX400 is virtually the same suspension system utilized on the Yamaha motocrossers that are consistently winning national and international championships. The lower end of the new shock absorbing mechanism attaches to a special triangulated rear arm. The top end is connected forward on the machine under the tank area, yielding a much longer stroke capability. This gives the rear wheel more traction over rough terrain. And it gives you a smoother, more controlled ride.



**Torque Induction**, Yamaha's unique intake system, utilizes a reed valve to feed the engine the exact amount of fuel and air it needs. The result is more horsepower, particularly at low rpm's. The crankcase cover is made of magnesium to reduce weight.



**Radial fin cylinder head** is designed for better, more efficient cooling.



**C.D.I. ignition system** produces a hotter spark, virtually eliminates spark plug fouling. And, combined with Yamaha's automatic compression release, it makes this a big-bore machine that is truly easy to start.



**Lightweight polypropylene fenders** are virtually unbreakable. Fiberglass seat assembly is also featherlight, but well padded. Conical hubs reduce unsprung weight without reducing braking efficiency.



### MX400B ENGINE

Type	2-stroke, Torque Induction, Single
Displacement	397 cc (24.22 cu.in.)
Bore & Stroke	3.346 × 2.756 in.
Compression ratio	7.57 : 1
Max. torque	28.6 ft.-lb. @ 7,000 rpm
Lubrication system	Pre-mix
Starting system	Primary kick starter
Ignition system	C.D.I.
Transmission	5-speed gearbox

### DIMENSIONS

Overall length	82.9 in.
Overall width	38.8 in.
Overall height	45.9 in.
Wheelbase	55.7 in.
Min. ground clearance	9.3 in.

### FUEL TANK

Capacity	2.1 U.S. gal.
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### TIRES

Front	3.00-21-4PR
Rear	4.60-18-4PR

Specifications subject to change without notice.

**Someday,  
you'll own a Yamaha.**

YAMAHA INTERNATIONAL CORPORATION  
6600 Orangethorpe Ave., Buena Park, California 90620

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