

# AMERICA'S HOTTEST, NEW MOTO-CROSS BIKE.

It's nice to start out on top. The first time we turn our new RMX-125 loose on the stiffest competition around, it comes home a winner.

But then, we weren't surprised considering the fact that it was designed and built to be unquestionably the ultimate 125cc moto-cross racing machine money can buy. It took three years of development to accomplish our purpose. Rupp engineers have torn apart and analyzed literally every top-name moto-cross bike in existence and have taken the best features of each, plus a lot of nifty ideas of their own, and blended them into a

moto-cross bike with unbelievable performance and handling. If you're not an expert already, this machine is so forgiving that you'll be riding like one sooner than you expected.

The thing that really stands out on this machine is the fantastic attention to detail. Every component and its incorporation into the total unit has been carefully thought out. For example, the crankshaft, the countershaft and the rear hub are all in line so you get maximum power to the ground and the bike doesn't want to wheelie or nose dive on jumps. The extra long, rear swing arm, combined with perfect

frame geometry, 18" rear wheel and 21" front wheel give the RMX unequalled handling characteristics. The 4130 chrome moly steel, double loop frame; along with the light-weight conical hubs and alloy rims, make it the lightest, toughest 125cc moto-cross out of the box you can buy. To put it very simply, this is a "factory works" machine that's available to the public.

If you want to set yourself apart from the crowd by being a winner—Ride Rupp.



## RUPP RMX-125



# RUPP RMX 125 MOTO-CROSS FEATURES

- Powerful 20.0 hp., Sachs 125cc engine with a capacitor discharge ignition.
- Strong, 4130 chrome moly, double loop frame. The lightest, strongest steel frame you can find on a motorcycle. Out of the box, the RMX is the lightest 125cc moto-crosser we know of. (184 lbs. dry)
- Precise, predictable handling. You're riding a very forgiving machine.
- High-performance tuned exhaust with external silencer.
- Washable, highly effective, foam air cleaner, easy access.
- 6-speed constant-mesh transmission, keeps you in the power band.
- High performance, SHOWA 6" travel front forks. Our tests have shown that these forks are superior.
- GIRLING rear shocks eliminate rear wheel hop under the most severe conditions.
- Lightweight conical brake hubs and AKRONT light alloy rims cut unsprung weight to a minimum for superior handling.
- 35" handlebars and 54.5" wheelbase keep YOU in control.
- Non-slip, desert-type footpegs.
- Unbreakable ABS plastic fenders.
- Narrow seat and tank make "on the pegs" riding a cinch.
- Crankshaft, countershaft and rear hubs are specially lined for more power to the ground.

## SPECIFICATIONS

### Engine:

Type . . . . . Sachs "B" engine, 1 Cylinder,  
2-Cycle, Air-Cooled  
Displacement . . . . . 123cc  
Lubrication System . . . . . Gas-Oil Mixture  
Bore/Stroke . . . . . 54mm/54mm  
Compression Ratio . . . . . 10:1  
Max. Horsepower . . . . . 20.0 hp @ 8,800 rpm  
Max. Torque . . . . . 13.0 ft. lbs./7,000 rpm  
Ignition System (Output) . . . . . Capacitor  
Discharge (CDI)  
Spark Plug . . . . . Bosch W260 T1  
Air Cleaner . . . . . Washable Foam  
Exhaust System . . . . . Upswept High Pipe  
w/External Silencer

### Carburetion:

Type . . . . . Bing 27 mm

### Transmission:

Type . . . . . 6-Speed, Close Ratio, Constant Mesh  
Clutch . . . . . Wet, Multiple Disc

Primary Drive Ratio . . . Helical Gears, 2.1:1  
1st Gear . . . . . 4.6:1  
2nd Gear . . . . . 2.93:1  
3rd Gear . . . . . 2.165:1  
4th Gear . . . . . 1.715:1  
5th Gear . . . . . 1.434:1  
6th Gear . . . . . 1.24:1  
Secondary Drive Ratio . . . 4.07:1 (57/14)

### Chassis:

Frame . . . . . Double Loop, 4130 Chrome  
Moly Tubing  
Suspension—Front . . . . . Telescopic  
Type/Travel . . . . . Oil Dampened/6.0"  
Brand . . . . . SHOWA  
Suspension—Rear . . . . . Swing Arm  
Type/Travel . . . . . Oil Dampened/3.0"  
Brand . . . . . GIRLING  
Foot Pegs . . . . . Desert Type w/Spring  
Fenders . . . . . ABS Plastic Unbreakable

### Wheels:

Tires: Front . . . . . 3.00 x 21 Metzler  
Rear . . . . . 4.00 x 18 Metzler  
Brakes: Front . . . . . 130mm x 1"  
Rear . . . . . 130mm x 1"  
Rims . . . . . AKRONT Light Alloy  
Hubs . . . . . Light Metal

### Weight:

Dry . . . . . 200 lbs.

### Dimensions:

Overall Length . . . . . 81.7"  
Overall Width . . . . . 35"  
Overall Height . . . . . 45"  
Seat Height . . . . . 32"  
Wheelbase . . . . . 54.5"  
Ground Clearance . . . . . 9.5"  
Fuel Tank Capacity . . . . . 1.6 gal.

### Color:

Gas Tank . . . . . Silver w/Red, White &  
Black Trim  
Fenders . . . . . Silver w/White & Black Stripes

**RUPP INDUSTRIES, INC., MANSFIELD, OHIO 44903**

1776 AIRPORT ROAD, (419) 522-5732

Printed in U.S.A. Information in this brochure is current as of publication date.  
However, specifications are subject to change.