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MODERN

CYCLE

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AND STREET BIKE MAGAZINES



VOL. 14, NO. 4 APRIL 1978 PDC \$1.25

**HYPO HONDA
FOURS**

BIG BORE CONVERSIONS

**IT-400 YAMAHAS
THEN AND NOW**

**SUPER MINIS
BIG BUCK XR
AND RM**



**READY FOR
BLAST-OFF
YZ-100E YAMAHA**



MODERN CYCLE

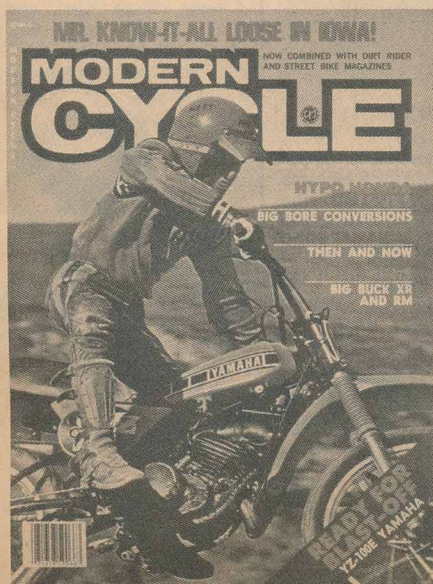
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THE OTHER EDITOR/Jeff Peck
MIDWEST EDITOR/Vic Krause
EASTERN EDITOR/Carl Berg
TECHNICAL EDITOR/Willi Scheffer
PHOTO EDITOR/Larry Gaynor
PHYSICAL EDITOR/Big Jim Learnihan
CONTRIBUTING EDITORS/
Paul Clipper, Joel Breault
SCIENCE, SKILL AND ABILITY/Jim
O'Neal, Joe Suebert, Billy Payne,
John Miller, Rick Salmon, Jimbo Elrod,
Cletus

NATIONAL ADV. DIR./Hilary Clay Hicks
7950 Deering Avenue
Canoga Park, California 91304
(213) 887-0550

ADVERTISING COORDINATOR/
Karen LaMontia

PRODUCTION DIRECTOR/Bob Ratner
EXECUTIVE ART DIRECTOR/
John Ernsdorf
LAYOUT DESIGN/Fred Reid
GRAPHICS DIRECTOR/Rich Gehrung
COMPOSITION/Fred Alires
CIRCULATION DIRECTOR/Sven Carlson
CIRCULATION SERVICES/Jim Buchanan
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ON THE COVER: Matt Whiting piloting the YZ-100E Yamaha rocketship. Photo by Owens.

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Sam Raphael aboard the CH
Performance Suzuki RM-80C.



SUPER MINIS

From C-H Performance

While out testing the other day at Indian Dunes, we ran into Stan Doerr and some of the guys from CH Performance Products. They were testing a couple of really trick minis they had developed.

One was a very contemporary Suzuki RM-80C that had a ton of stuff on it. The other was a not so contemporary, but still trick Honda XR-75. Both had been heavily breathed on and were really quick.

Fresh from Suzuki, the new RM-80 didn't look very stock anymore. A long, aluminum swingarm sported a pair of Arnaco LTR-1 gas shocks that combined to provide more than a few inches of travel. A heavy-duty chain and sprocket kit and CH chain tensioner were added to put chain problems out of mind.

IRC tires — 410x14 and 275x17 — were wrapped around K&L aluminum rims laced with heavy-duty anodized spokes. These tires are becoming more

and more popular as they offer excellent traction at a reasonable price. The aluminum rims help reduce unsprung weight.

On the engine, a pro ported barrel was fed by a specially jetted 30mm Mikuni. A mini CH airbox helped feed the big carb. A pro up pipe was used in conjunction with a special head. Mototek ignition allowed almost limitless revs from the little 80cc screamer.

As the name of the tuning components implies, it is a machine made for pro mini riders. The engine has a very narrow peaky power band that delivers maximum power over a small range. Less experienced riders will have a hard time riding this one, but hot mini riders will feel right at home.

The long travel rear end works well with the new leading axle Suzuki forks. Whoops don't seem to affect either end too much, and the bike works well on the stutter bumps.

Although the XR-75 doesn't occupy

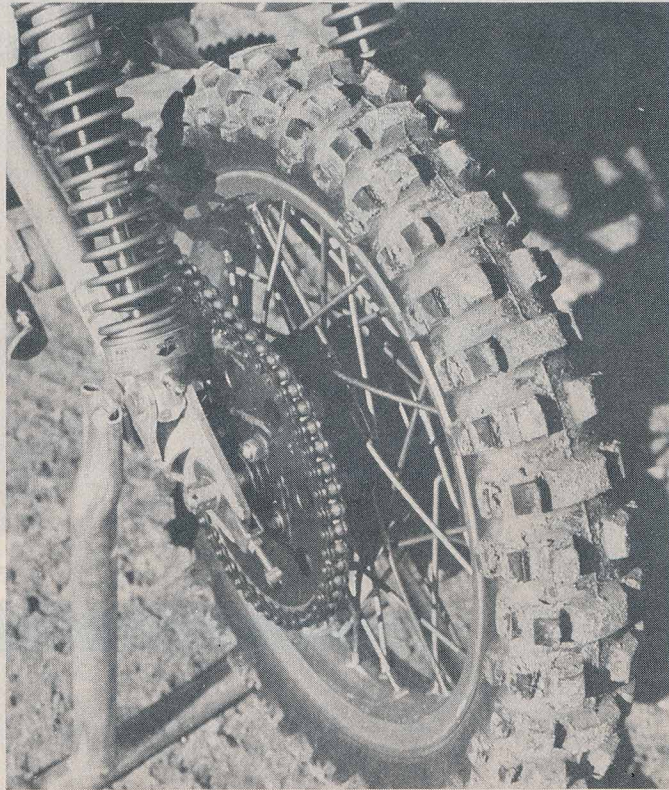
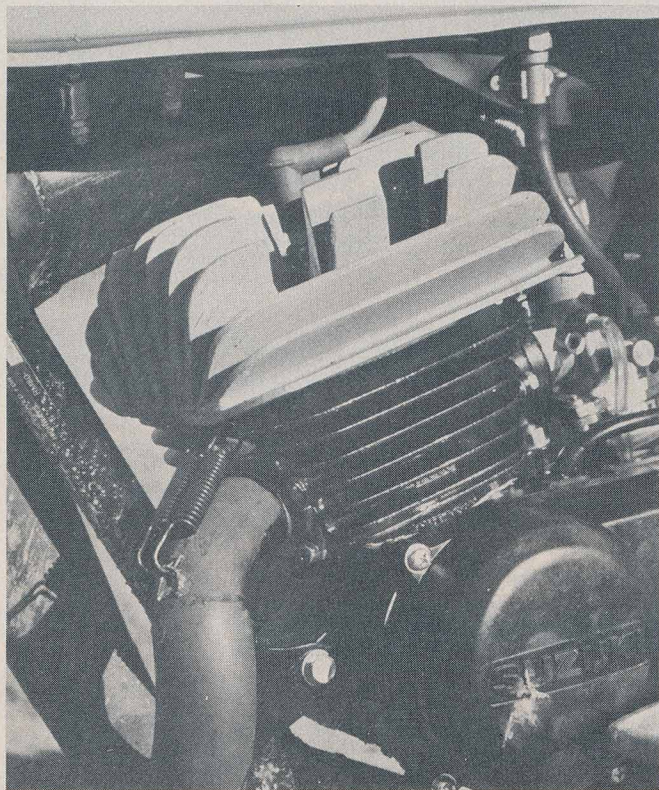
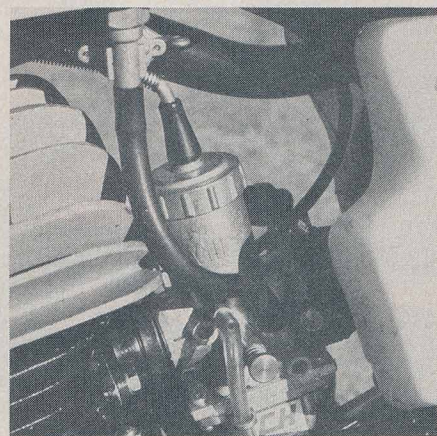
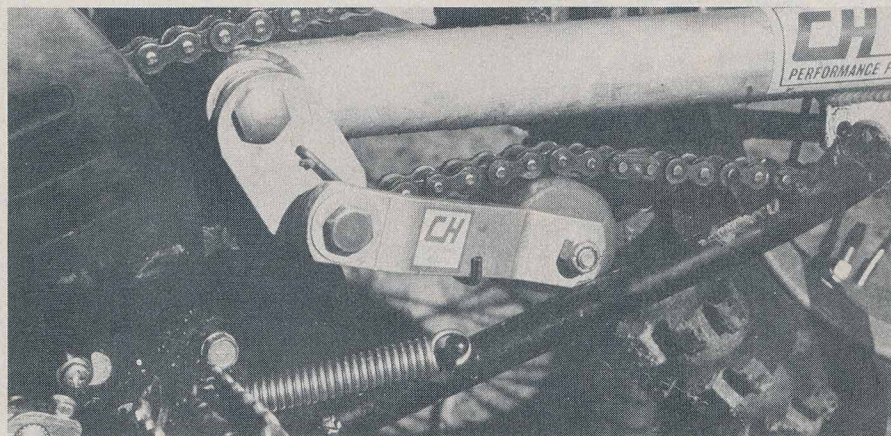
the winner's circle as it did a couple of years ago, that doesn't mean that it isn't still alive and kicking. CH will build up one like their mini pit special.

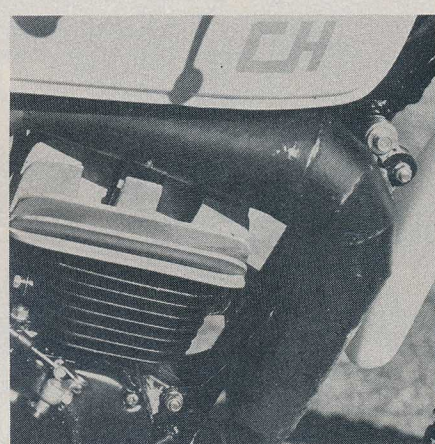
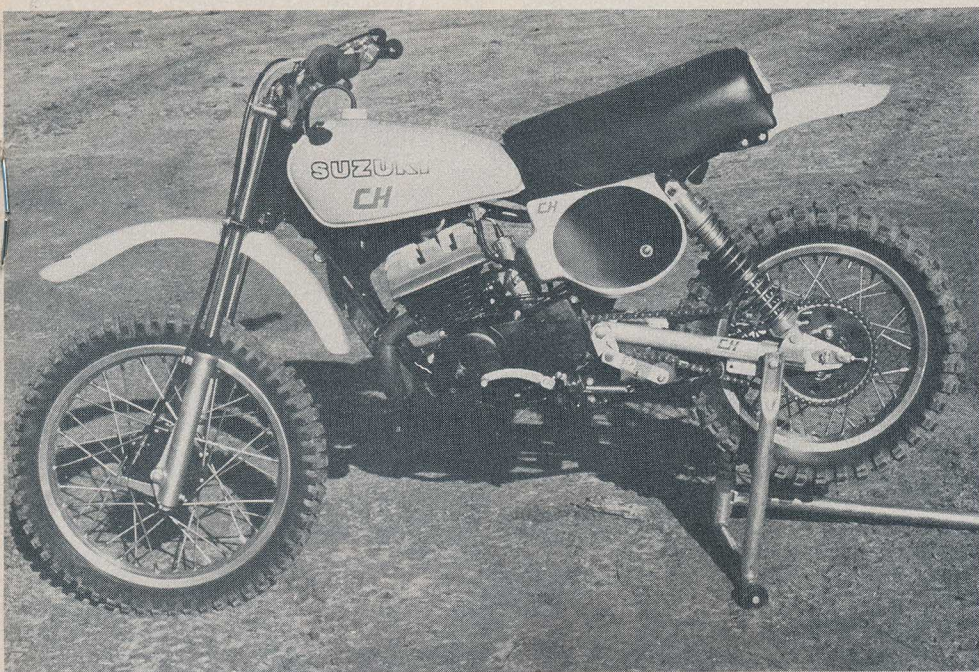
An 81cc big bore kit is fitted to the XR in conjunction with a 26mm carb. A high lift cam allows more fuel mixture into the engine, and when combined with the CH pro low pipe turns a goodly number of revs with good power characteristics. A trick XR-75 mini airbox and filter keeps the bugs out of the carb.

Duckbill fenders, works side panels and a double "snag-proof" number plate are just some of the replacement plastic items.

The same IRC/K&L, tire/rim combination used on the RM-80 is also laced up to the XR through the heavy-duty anodized spokes. A works type seat and a fiberglass RC replica tank make the bike look all business.

While the XR couldn't stay with the RM on the fast parts of the track, it







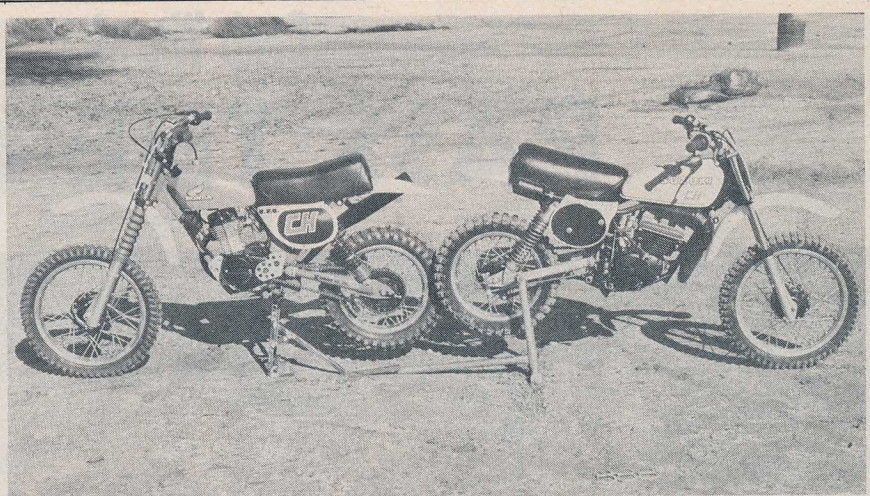
could easily outrun the Suzuki in deep sand. That wide, torquey four-stroke power band is hard to beat in tractionless places.

All of the parts mentioned are available separately from CH or all together as a finished package racer. For more information contact:

CH PERFORMANCE PRODUCTS

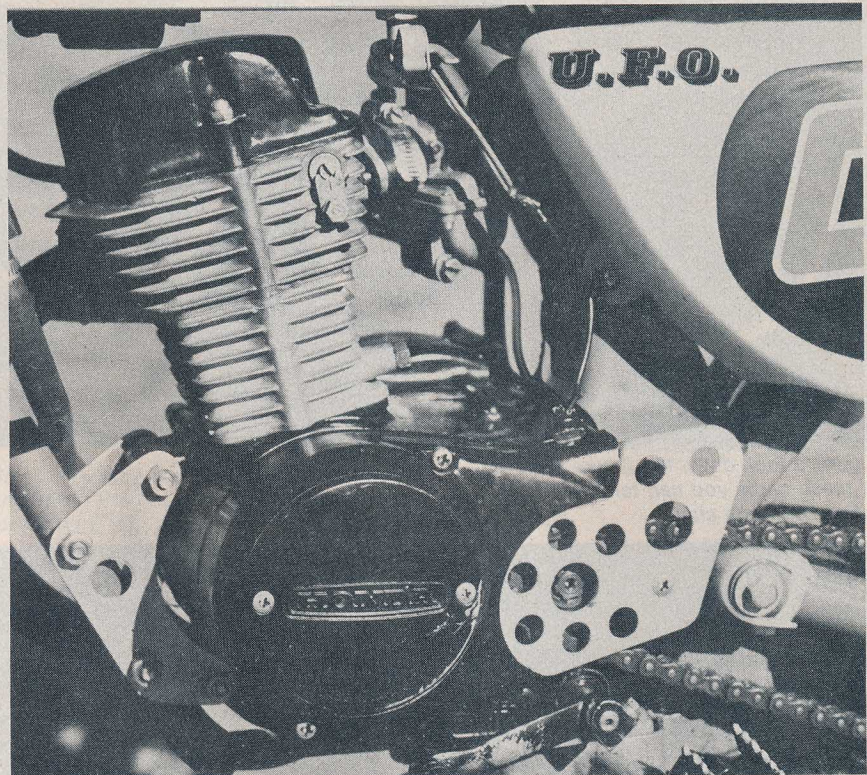
7633 Winnetka Avenue
Canoga Park, CA 91306
(213) 998-7250

(Special thanks from Stan Doerr at CH to Jeff Burt at U.S. Suzuki, Jim O'Neal Dist. and Arnaco for their assistance in the development of the RM-80 racer.) ●



XR75 MINI PIT SPECIAL

Aluminum swingarm	\$129.95
Works side panels	19.95
RC double front number plate ..	4.95
K&L rims—Each	34.50
H.D. 9 ga. spokes—Each	21.95
4.10x14 IRC	20.95
2.75x17	18.95
XR75 mini airbox	34.95
XR75 mini seat	64.95
CH Pro low pipe	32.95
Hi lift cam	39.95
Big bore kit (81cc)	32.95
26mm carb kit	43.95
Duckbill fender	12.50
Replacement rear fender	12.50
Complete XR-75	\$1095.00



CH RM 80

Aluminum swingarm with needle bearings	\$129.95
Arnaco shocks	139.95
S&W freon shocks (optional)	89.95
CH tensioner	23.95
Works number panels	18.95
RC front number plate	4.95
4.10x14 IRC	20.95
2.75x17 IRC	18.95
H.D. anodized spokes	21.95
K&L rims	32.50
Mini CH airbox	34.95
CH Pro seat	64.95
Oury grips	3.95
Pro radial	64.95
Porky	59.95
30mm carb	44.95
Pro porting	75.00
Moto-Tek ignition	59.95
Pro up pipe	64.95
H.D. chain kit	36.50
Mini fenders—Each	12.50
Total price	\$1295.95
(includes jersey and T-shirt)	

