
Offroad™
All Terrain Bicycles

Offroad 89

OFFROADS™ are better. Better because we produce innovative designs to increase bicycling efficiency. Our 1989 product line exemplifies our commitment to the advancement of all terrain bicycles. Improvements that increase comfort and speed. The following are a few OFFROAD™ highlights.



with mountain bike stability and riding position. The OFFROAD™ Climber is for the person who enjoys both street and trail riding. Check out the features. The only thing it's light on is weight. Its about 20% lighter than most mountain bikes. Your riding companions will refer to the Climber as the unfair advantage.

OFFROAD™ is big on small frame bicycles. We offer three exciting models that are all performance leaders. Each incorporates 26" diameter 32 hole spoke wheels, thin .09mm wall tubing to reduce weight, short 165mm cranks, adjustable reach levers and low gearing.

The standover height on our 12" frame sport is a mere 25.5", an industry first on a 26" wheel bicycle. We believe proper fit should be the number one priority when purchasing any bicycle. This is why Offroad's small bikes feature specially designed low profile unicrown forks and proportional geometry. OFFROAD™ is the innovator in bicycle design for the 4'8"-5'5" enthusiast. OFFROAD™ has developed a new trend setting class of bicycle. The Climber. It combines the efficiency of a lightweight road racer



On the trail, in the shop, at the races, the shock absorbing Flexstem™ by OFFROAD™ will be sure to attract attention. The Flexstem™ increases bicycle efficiency by isolating the riders weight from the front wheel. Rider fatigue is reduced and speed increased because the stem absorbs bumps. It can be tuned for competition or recreational riders via the hand adjustment knob and with a selection of urethane springs. As Mountain Bike Action Magazine stated in their evaluation "Both body and bike receive less trail shock and can traverse the trail at a higher rate of speed." Flexstem™ is standard equipment on most 1989 OFFROADS™.



Small frame/26" wheel bikes, the Climber, the Flexstem™ and a host of other OFFROAD™ innovative details make our 1989 bicycles and products not only different, but better.


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SPORT

This years Sport is packed with new features and components. The frame and fork material are lightweight 4130 chromoly steel. Our 12" and 13.5" frame bicycles use a thinner wall tube to reduce weight and improve the ride. This means we keep the bike weight proportional to the riders weight. We use a four step painting process with a protective clear coating over ultra thin mylar decals. You won't find these combined features on any other brands at any price points.

The new Suntour Accushift components offer precise shifting and durability. DiaCompe's XCM brakes and adjustable reach levers are outstanding. The rims are lightweight alloy Mistrals designed by Sun U.S.A. We use a 24 tooth inner "granny" chainring to provide lower gearing for climbing. Many of the 1989 Sport features are OFFROAD™ exclusives, including the highly acclaimed Flexstem™.

Innovation and practical thinking are the norm at OFFROAD™. Take a test ride and let your senses decide.






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MASTER

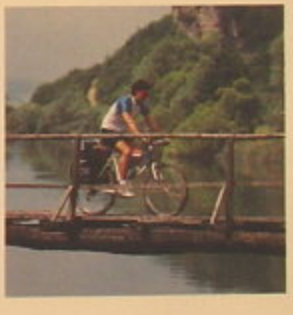
The Master frame geometry is spot on. Identical to the race proven angles and tube sets which won several N.O.R.B.A. events for OFFROAD™ in 1988. The Tange internally tapered Infinity frame tubes are extremely rugged yet lightweight. The frame design, material and workmanship will stand up to a lifetime of competition.

Each component has been carefully selected. The Suntour XCD 6000 derailleur is combined with their all new cassette 7 speed freewheel. The lightweight Sugino crankset has round alloy chainrings, the preference of most top racers.



Braking is by DiaCompe's super light, two finger, Advantage 5 levers with the new sculptured 983D cantilever brake sets. Rounding out the components are Araya 32 spoke RX-7 rims, Farmer John Nephew tires, Comp pedals with OFFROAD™ toe clips and the revolutionary Flextem™ which reduces fatigue and increases performance.

The Master is also our best selling model in the performance oriented European markets, where bicycling is more than just a sport. No other bicycle in it's class will out perform the OFFROAD™ Master.




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CLIMBER
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CLIMBER

It's a mountain bike, it's a road bike, it's a cyclocross bike, it's the OFFROAD™ Climber. The Climber combines the best attributes of all three, resulting in more fun per ride than you could ever imagine.

The frame is road racer light yet has the geometry to track well if you explore unpaved roads or trails. Riding position is fairly upright for comfort and control. Braking and shifting can be done without movement of hands from a single riding position. This is the ideal cross trainer.

The components are well integrated. A wide ratio 21 speed drive train from Suntour and Sugino. Cantilever brakes and levers from the brake specialists, DiaCompe. The rugged box Section 700C rims originate in Belgium, by Alesa. The tires are dual purpose IRC Cross Country, extremely lightweight at 392 grams each. Alloy handlebars and the OFFROAD™ Flextem™ complete the package. All this and the complete bike weighs just 24 lbs.



The Climber sets a new standard that will have others following suite in the 1990's. If you enjoy precise handling, responsiveness, comfort and fun, test ride a Climber.


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PRO·AM

When you are into this class of mountain bike you should take a careful look at frame materials and geometry. The Pro·Am frame is 100% Tange Prestige. You're not likely to find any chromoly tube set with a superior weight to strength ratio. Our 16.8" chainstays are single lugged and crimpless.

This means superior rigidity for quick acceleration and climbing ability. We reduce bottom bracket flex by ovalizing the lower portion of the seat tube. Even our water bottle mounts are located in the lowest positions so the added weight does not greatly effect handling. We put a lot of detailing into the frame because it's the heart of the bicycle. Next most important are the wheel assemblies. The Ritchey Vantages are the lightest production rims available at 435 grams. We use 32 spokes to decrease wind resistence and weight.

The Shimano Deore II group needs little introduction for dependability and performance. New for 1989 are the Hyperglide 7 speed cassette freewheel, comp pedals and two finger SLR brake levers. Simply stated, the Pro·Am hauls! It's only limitation is your ability.



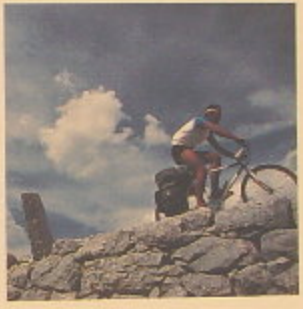



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RANGER

Comfort, that's what the Ranger is all about. It features a shock absorbing frame with a relaxed geometry that inspires rider confidence. A seat so plush that it defies comparisons. Three inch rise handlebars and foam grips make for an upright riding position that is easy on your entire body.

Shifting couldn't be easier than with the Shimano 18-speed S.I.S. indexed derailleurs. Shimano levers and cantilever brakes provide positive braking. Alloy rims reduce weight and increase performance. A four step painting process and clear coating assures a long lasting beauty.



All this at a price you won't ask twice about. The only people uncomfortable with the Ranger are the competition.

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