

“From the first turn of the cranks, something happens. Bumps get smaller...



hills flatten out... and you're flying

across the terrain with a confidence and

control you've never felt before.”



OFFROAD™ PRO-FLEX™

SUSPEND YOUR DISBELIEF™



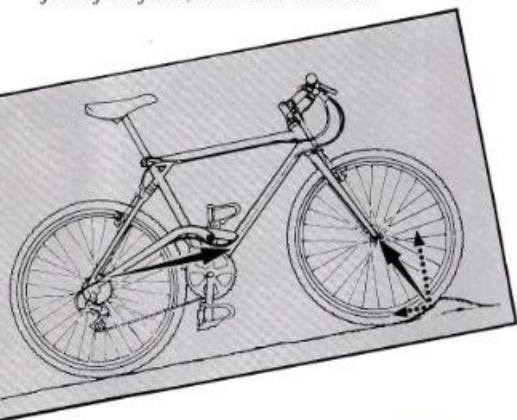
THE PRO-FLEX™ REAR SUSPENSION *Pivoting swing arm allows up to 32 mm of rear wheel travel to reduce overall bump forces. Increases overall speed, control, and rider comfort, while reducing stresses on spokes, rim, and tire. The pedal input wants to open the suspension and drive the tire downward for incredible traction.*

THE GIRVIN FLEXSTEM™ FRONT SUSPENSION *Simply and effectively "softens the edge" of jarring front-wheel impacts through an ingenious pivoting stem that retains critical fork geometry. Small elastomer disc spring dampens shock without sacrificing bike handling or feel for the trail.*



**PRO-FLEX™ HIGH
PERFORMANCE
BICYCLES & THE
SCIENCE OF
SUSPENSION**

When riding over bumpy terrain, forces are created which act to slow forward motion (horizontal component) and transmit impact (vertical component) to the rider. Pro-Flex suspensions, with their advanced elastomer disc "springs", reduce total bump forces for a faster, more controlled ride.



On smooth asphalt, any well-engineered bicycle is a model of efficiency. Add the demands of off road riding to the equation, however, and the situation changes rapidly. That is, unless you're one of the fortunate few enthusiasts to have experienced what it's like to ride a Pro-Flex™ suspension machine from Offroad.

In the quest to engineer a bicycle that performs equally well under all surface conditions, Offroad has designed simple, lightweight, and highly-responsive bicycle suspensions that are revolutionizing the sport of all-terrain cycling. On tortuous downhills, the Girvin Flexstem™ and Pro-Flex system components allow you to make faster descents with greater control and confidence. At maximum effort during tough climbs, the suspension keeps your rear wheel in contact with the ground, preventing wheel spin and loss of control. And on level sections of

the trail, a Pro-Flex bicycle flat-out flies.

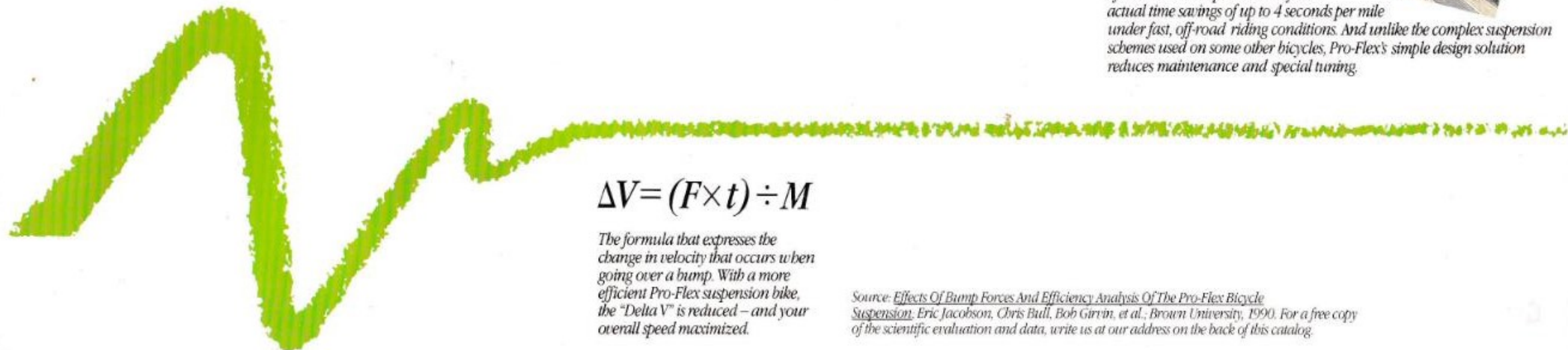
Perhaps best of all, we've precisely matched this innovative suspension technology to a line of equally well-thought-out bicycles. One of which will match your own particular style of riding. (With our wider range of frames, cyclists of all sizes will undoubtedly find a better bicycle fit, too.)

Discover what leading bicycle publications have been calling "the most significant innovation yet in all-terrain bicycle design" at your Offroad Pro-Flex dealer soon.

We believe that once you try a Pro-Flex, your belief about what a bicycle can do will be suspended forever.



Recent controlled laboratory testing of the Pro-Flex suspension confirms actual time savings of up to 4 seconds per mile under fast, off-road riding conditions. And unlike the complex suspension schemes used on some other bicycles, Pro-Flex's simple design solution reduces maintenance and special tuning.



$$\Delta V = (F \times t) \div M$$

The formula that expresses the change in velocity that occurs when going over a bump. With a more efficient Pro-Flex suspension bike, the "Delta V" is reduced – and your overall speed maximized.

Source: *Effects Of Bump Forces And Efficiency Analysis Of The Pro-Flex Bicycle Suspension*. Eric Jacobson, Chris Bull, Bob Girvin, et al., Brown University, 1990. For a free copy of the scientific evaluation and data, write us at our address on the back of this catalog.

"The suspension raises the Pro-Flex's overall performance to a level that has to be felt to be believed. The suspension works when you need it, keeping the rear wheel on the ground."



Shimano XT/Ultegra 600 S.I.S. drivetrain component group.

350mm quick-release seatpost with Selle Italia Concor saddle.

28-spoke front wheel, built around the sealed-bearing Kingsbury hub.

Spring-loaded, adjustable-reach Dia-Compe 986 cantilever brakes and SS-5 levers.

Custom titanium Girvin Flexstem and Gripshift-equipped titanium handlebar for superior lightweight control.

PRO-FLEX USA LIMITED The ultimate off road bicycle. A Pro-Flex suspension frame handcrafted of Tange Prestige Concept tubing, together with the finest all-terrain componentry you could possibly put together. Including Shimano's XT/Ultegra 600 drivetrain with Gripshift S.I.S. shifting. Custom 510-gram titanium Flexstem and handlebar combination. Sure-footed Suntour XC-9000 pedals. Specialized Ground Control Kevlar-bead tires. And Dia-Compe's powerfully precise 986 brakeset. With limited production of the 25-pound Pro-Flex USA available this year, you'll have to catch it if you can.

Sizes: 16.0", 18.0", 20.5"

Color: Silver to cranberry fade with silver Flexstem and cranberry fork.



LEP



"Under these conditions, a standard mountain bike would sting your hands and pitch you off the saddle. The Pro-Flex allows you to stay in control and stay seated."

Shimano XT front and rear hubs, built up with 15 ga. stainless spokes, 32-hole Sun USA rims, and Ritchey 26x2.1 Megabite Hard Drive tires.

Deore XT Comp pedals with Shimano toe clips and straps.

Heat-treated aluminum main triangle with chrome-molybdenum alloy stays.

Offset curved-blade fork and YST oversize black-anodized headset.

Shimano's Total Integration Deore XT group, including RapidFire S.I.S. shifting and low-profile levers and brakes.

PRO-FLEX 950 A lightweight, highly-efficient blend of aluminum stiffness, chrome-moly durability, and Offroad's incomparable Pro-Flex suspension technology. Shimano Deore XT componentry with S.I.S. shifters put derailleur control right at your fingertips. While strong and responsive low-profile cantilever brakes put all the stopping power you'll need equally well at hand. Upfront, there's an aluminum Girvin Flexstem and black anodized 170-gram handlebar. And down below, heat-treated Sun USA rims mounted to Ritchey Megabite tires for plenty of traction. But be forewarned – once you climb aboard this Pro-Flex bicycle, you won't sit still for anything else.

Sizes: 14.0", 16.0", 20.5"

Colors: Anthracite grey main triangle/fork with neon green swingarm and Flexstem.



Offroad offers a selection of smaller frame sizes, along with properly proportioned components, to ensure a perfect fit for every cyclist.



PRO-FLEX



SunTour XC component group, with multi-mount thumb shifters.

Dia-Compe 986 151-gram brakeset with adjustable, spring-loaded Advantage 5 levers.

Offroad custom saddle and lightweight quick-release alloy seatpost.

Heat-treated aluminum main triangle with chrome-molybdenum alloy stays.

Girvin Flexstem and black-anodized handlebar.

"The pedal input wants to open the suspension and drive the tire downward for incredible traction."

£765.00
\$630

PRO-FLEX 750 The same aluminum/chrome-moly Pro-Flex suspension frame as our model 950, but equipped with Suntour's ultralight XC Comp group and Dia-Compe 986/Advantage 5 brakeset. The XC componentry includes quick, precise shifting across all 21-speeds, together with the new AccuRad crank forged under extreme high pressure. Dia-Compe's cantilever brakes are the lightest and strongest available, matched with levers that also offer the convenience of adjustable reach. And it all rides on top a pair of wheels featuring Ritchey Megabite tires, 15-gauge stainless spokes, and Sun USA 410-gram alloy rims.



Sizes: 14.0", 18.0", 20.5"
Colors: Anthracite grey main triangle/fork with neon coral swingarm and Flexstem.

Offroad offers a selection of smaller frame sizes, along with properly proportioned components, to ensure a perfect fit for every cyclist.

Shimano Deore LX derailleurs with efficient, lightweight above-the-bar thumb-shifting.

Shimano crankset and 24/36/46 triple chainwheel.

Tange Infinity mainframe with chrome-moly swing-arm assembly.

Dia-Compè XCE low-profile 140-gram brakes.



PRO-FLEX 550 An advanced ProFlex suspension-frame bicycle, crafted from Tange Infinity and chrome-moly tubing, at a less than advanced price. The individually-selected components here feature Shimano's Deore LX series, with above-the-bar thumb shifting, short-cage derailleur and cassette freewheel. Together with Dia-Compe low-profile XCE brakes offering full spring-tension adjustment. The 550 also sports a chrome-moly Girvin Flexstem, True Grip handlebar grips, chain protector, and set of toe clips and straps.



Sizes: 14.0", 16.0", 18.0", 20.5"

Colors: Anthracite grey main triangle/fork with flash blue swingarm and Flexstem.

Offroad offers a selection of smaller frame sizes, along with properly proportioned components, to ensure a perfect fit for every cyclist.



Sun USA silver-anodized rims and 14-gauge stainless spokes.

Quick-release seat post with Offroad saddle set in ovalized tube.

Shimano STI shifter, for total integration of shifting and braking control.

Chrome-moly Girvin Flexstem front suspension



SPORT This bicycle sports a double-diamond geometry chrome-moly frame, along with an Girvin Flexstem front suspension for superior comfort and control. From the hubs on up, the componentry here is all-Shimano, including the 300 series brakes and derailleurs that are part of their total system integration. Altogether, an outstanding high-performance value.



Sizes: 12.0", 14.0", 16.0",
18.0", 20.5"

Colors: black frame with
neon yellow fork, neon
yellow Flexstem, and neon
red/neon yellow graphics.

Offroad offers a selection of smaller frame sizes, along with properly proportioned components, to ensure a perfect fit for every cyclist.

	Frame/Fork	Wheels	Derailleurs/ Shifters	Crankset/ Bottom Bracket	Pedals	Freewheel	Brakes	Handlebar/ Stem	Headset	Chain	Saddle/ Seatpost	Extras
PRO-FLEX LTD.	Tange Prestige Concept/Tange Dura Trac 1.5" offset fork HD Angle = 70° ST Angle = 72° Top Tube 22.44" Bottom Bracket = 11.9" Chainstay = 16.6" (based on 18" frame)	Hubs: Kingsbury USA (front); Deore XT 32 (rear) Rims: Sun C-16 silver anodized (32 spokes rear, 28 front) Spokes: DT 15 ga. stainless steel Tires: Specialized Ground Control "S"	Shimano XT (front); Shimano Ultegra 600 (rear) with Gripshift CX-125-1 shifters	Cooks Brothers Racing crank and 127mm bottom bracket; 24/34/46 chainwheel	Suntour XC-9000	Shimano CP 12-28 7-speed XT	Dia-Compe 986 with S.S. Advantage 5 levers	Titanium handlebar/ Titanium Flexstem	Shimano 600 Ultegra	Shimano HG90	Selle Italia Concor/ TRD 350mm with Ringle quick-release	ODI Attack Grips
PRO-FLEX 950	7005 heat-treated aluminum triangle with custom drawn Cr-Mo stays/Offroad curved blade 1.5" offset fork HD Angle = 70° ST Angle = 72° Top Tube 22.44" Bottom Bracket = 11.9" Chainstay = 16.6" (based on 18" frame)	Hubs: Shimano XT 32 hole Rims: Sun C-16 silver anodized Spokes: 15 ga. stainless Tires: Ritchey Megabite 26x2.1 Hard Drive	Deore XT with STI Rapidfire shifters	Shimano XT with 46/36/24 chainwheel/ Shimano B.B. with bolt-type axle	Deore XT	Deore XT 12/28 7-speed	Deore XT with 2-finger levers	Offroad Superlight alloy 560mm/ Aluminum 1/4" Flexstem	YST Allow oversized, black anodized	Shimano HG90	Offroad R-1 Racing/black alloy 300mm	Shimano toe clips/straps; True Grip handlebar grips
PRO-FLEX 750	7005 heat-treated aluminum triangle with custom drawn Cr-Mo stays/Offroad curved blade 1.5" offset fork HD Angle = 70° ST Angle = 72° Top Tube 22.44" Bottom Bracket = 11.9" Chainstay = 16.6" (based on 18" frame)	Hubs: Suntour XC Comp 32 hole Rims: Sun C-16 silver anodized Spokes: 15 ga. stainless Tires: Ritchey Megabite 26x2.1	Suntour XC Comp with multi-mount thumb shifters	Suntour XC Comp with 46/36/24 chainwheel/ YST 611N-S with bolt-type axle	Wellgo 904 alloy	Suntour XC Comp 12/28 7-speed	Dia-Compe 986 with SS-5 levers	Offroad Superlight alloy 560mm/ Aluminum 1/4" Flexstem	YST oversized, black anodized	Suntour XC Comp	Offroad R-1 Racing/black alloy 300mm	Offroad nylon toe clips/straps; True Grip handlebar grips
PRO-FLEX 550	Infinity triangle with custom-drawn Cr-Mo swingarm/Offroad unicrown 1 1/4" blade HD Angle = 70° ST Angle = 72° Top Tube 22.44" Bottom Bracket = 11.9" Chainstay = 16.6" (based on 18" frame)	Hubs: Shimano Deore LX Rims: Sun 32-spoke silver anodized Spokes: 15 ga. stainless Tires: Kenda K-100 26x2.1	Shimano Deore LX with above-the-bar thumb shifters	Shimano Deore with 24/36/46 chainwheel/ YST 611 NW/7NL with bolt-type axle	Wellgo LU898	Shimano Hyperglide cassette 12-28 7-speed	Dia-Compe XCE with Vanguard reach-adjustable levers	Offroad Superlight alloy 560mm/ Cr-Mo 1" Flexstem	YST 8002 black	Shimano HG50	Offroad R-1 Racing/black alloy 300mm	Offroad nylon toe clips/straps; True Grip handlebar grips;
SPORT	Cr-Mo 1.0mm wall double diamond with ovalized bottom seat tube/ Unicrown 1 1/4" Cr-Mo fork HD Angle = 70° ST Angle = 72° Top Tube 22.40" Bottom Bracket = 11.9" Chainstay = 16.85" (based on 18" frame)	Hubs: Shimano 300 36-hole Rims: Sun M-20 silver anodized Spokes: 14 ga. stainless Tires: Kenda K-100 26x2.1	Shimano 300 with STI Rapidfire shifters	Shimano 300 with Superglide 28/38/48 chainwheel/ YST 611 with bolt-type axle	Wellgo resin body with steel cage	Shimano Hyperglide 13/30 7-speed	Shimano 300	Hsin Lung 560mm tapered black/ 1" Cr-Mo lightweight Flexstem	YST 8002 black	Shimano HG40	Offroad R-1 Racing/300mm alloy	True Grip handlebar grips; chain protector

Changes in demand or availability may occasionally necessitate temporary or permanent substitution of parts specified. If substitution is made, the new parts will be of comparable or superior quality and performance. All specifications are subject to change without notice.

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Ultra Sport

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