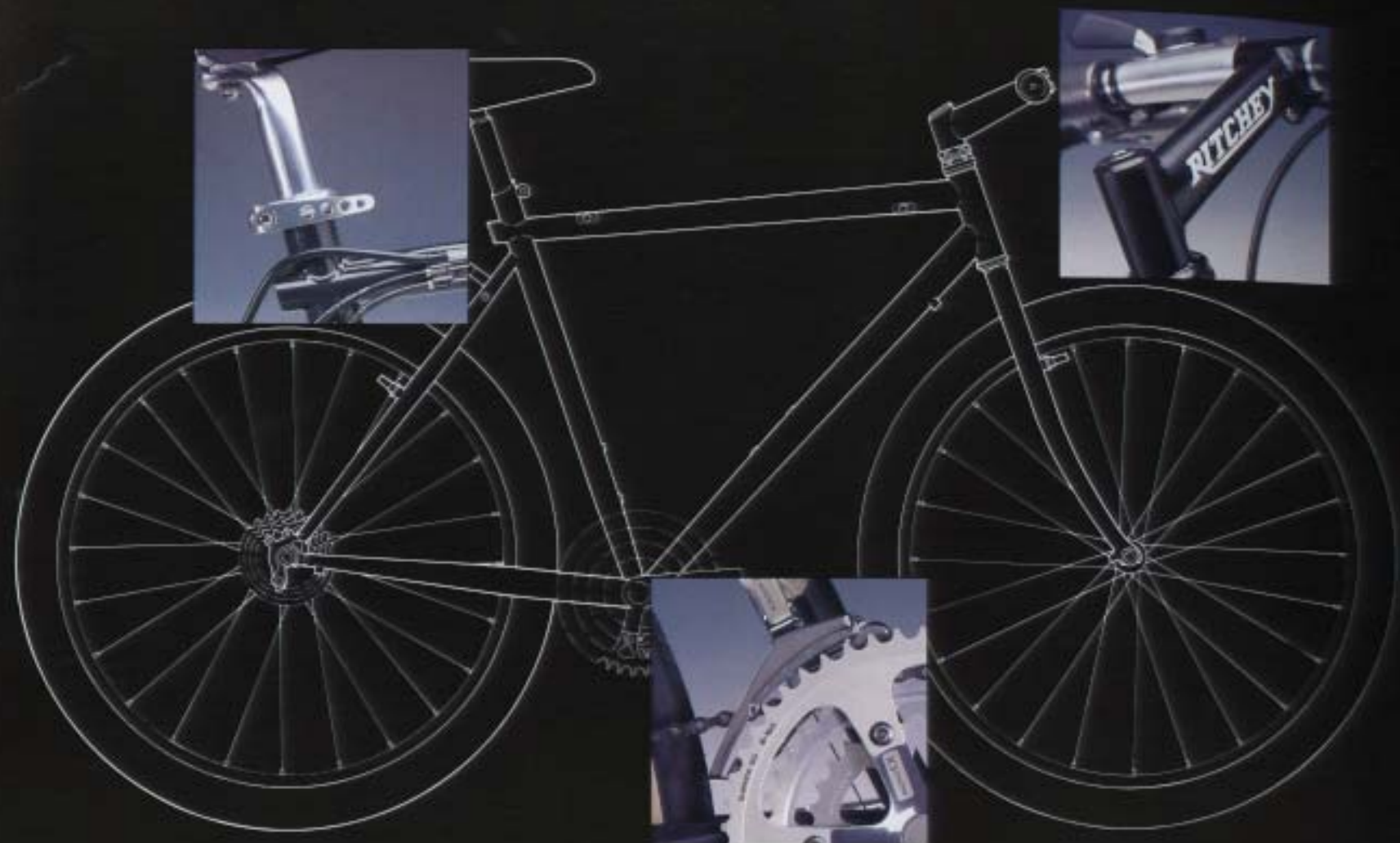


SARACEN

HANDBUILT IN ENGLAND



1992



SARACEN

HANDBUILT IN ENGLAND

THE PURSUIT OF EXCELLENCE

Since the sport was first invented and the mountain biking boom began, Saracen has consistently exceeded the expectations of successive generations of recreational and competition riders.

Even by these exacting standards, 1992 is set to be an outstanding year. Our mountain bikes have always been race-proven but now, for the first time, we'll be sponsoring our own team of four, top-flight professionals to compete in national mountain bike events. Make no mistake, we're not entering to make up the numbers. **We've produced a range of bikes so supremely light and strong they belong in the fray.**

By the end of the season, the sight of a

triumphant Saracen team overcoming the most gruelling conditions with consummate ease is certain to be a familiar one. Conquering the elements is a tradition at Saracen. **Ever since the old altitude record for cycling was shattered on Kilimanjaro using a Saracen, we've been scaling new heights.** Epic journeys across some of the most hostile terrain on earth, such as the Sahara Desert, the Peruvian Andes and Arctic Glaciers have provided both a test of character for our riders and the most rigorous trials imaginable for our machines.

Challenges like these are the acid test for a mountain bike and the lessons we learn on long distance endurance trips or on the race

circuit - as well as through a regular dialogue with our development riders, experts and customers - give us an invaluable, professional insight into designing mountain bikes equipped to perform heroics anywhere.

Since the choice of most riders is ultimately determined by budget, **the new range also represents exceptional value-for-money**, at every price level, making us as competitive on price as we are on the trail.

Mountain bikes are our life. We make nothing but. And never has the success of this total dedication to the concept and principles of the sport been more apparent than in 1992.

New Innovations for 1992

Mountain bike technology is in a constant state of innovation and development and, in 1992, Saracen's new lighter, stronger range has incorporated such state-of-the-art features as:

- The arrival of a new line of components created by mountain bike guru Tom Ritchey, including Ritchey's Stem's, Head Sets, Bars and Tyres is one single, most significant innovation in 1992. The bar lighter, stronger designs, many of which are produced to the most stringent world championship series standard, substantially improve every aspect of riding and handling performance.

- Strong, lightweight alloy competition bar sets are now fitted as standard on all off-road competition bikes.

- True Tempair AVR lightweight reaction probe frames and True Tempair DX Ultra II heat treated lightweight Chromoly frames, which are manufactured using the ultimate in lightweight, heat treated true wall American made tubing, are new this year.

- All bikes fitted with True Tempair frames come complete with a new investment cast lightweight rear dropout and feature a Ti20mm bottom bracket and spider chainstay and seatstays for improved mud clearance.

- The introduction of Shimano's Deore DX Top rollers which have been upgraded for more positive, precise and user friendly gear shifting.

- The new Shimano cartridge bottom bracket set is geared for life and maintenance free.

- Also new from Shimano for 1992 is the top of the line 24 speed XT8 Group Set. A new standard of lightweight, strength and dependability in off-road components.

- Our Hybrid bikes feature a new gear shifting system with twist grip gear control for maximum convenience on terrain, plus Avon's Cross Tyres with an inverted tread pattern for a smooth ride and top riding resistance in town, but sufficient grip for recreational off-road use.

- Stronger, lighter pump etc. items and the alloy bars have been introduced on the Tuffbars and Ti-tube off-road sport models.

- The 1992 version of the exceptionally advanced Magura Hydraulic braking system is in evidence on four of our off-road competition bikes.

- Factory-fitted fix bikes fit suspension forks with indexed adjustment and factory supplied Shimano Dipsies pedals are available as options.





Hand-finishing of the frame - from fitting a full complement of heat braze-ons to finishing the frame ready for painting - is typical of the attention to detail we lavish on our bikes before they leave the factory.



The final inspection of Saracen's famous resilient polyester powder coat, which is electrostatically applied over a chromate rust proofing primer and baked at a 180 C to guard against damage and provide a durable knock-resistant finish that doesn't flake if scratched.



The mechanic responsible for the bike's progress, from start to finish, double-checks the hand-finishing before the frame number and builder's name are stamped on the quality assurance cards which accompany every bike Saracen produces.

THE LIGHTER, STRONGER SARACENS FOR 1992

Cycle material technology is evolving at a spectacular pace. Ideas that weren't even dreamed of a few years ago are now commonplace and many of the best components ever built have long since been adopted by Saracen.

Even so, we're not resting on our laurels. The worldwide search for new innovations to refine and perfect our machines continues unabated. For 1992, we've taken the pick of the lighter, stronger components from the sport's leading manufacturers - such as Tange, Ritchey, Shimano and True Temper - to produce a range of thoroughbred mountain bikes with a strength to weight ratio phenomenally better than last year.

The difference in performance between the old, cumbersome recreational heavyweights and our new, more competitive lightweight designs is devastating. Just being on the trail on a bike that is resilient and responsive, but is also so streamlined and astonishingly light is an exhilarating riding experience. As anyone who has off-road tested a 1992 Saracen will testify.

Always at the leading edge of development, we are the very first people to use this unique composition of components and our latest refinements reflect an ongoing commitment to producing a range of mountain bikes manufactured to uncompromising standards.

Saracen. Engineered for performance.

GLOSSARY OF TERMS

Some of you may be unfamiliar with the mountain bike terminology found in our brochure, especially in the more detailed, individual descriptions of the Saracen range. In order to help you understand the information and select a bike that will maximize your enjoyment of the sport, we have produced the following glossary of terms.

SHIMANO: The cycle industry's leading manufacturer of moving component parts.
TANGE: Japan's leading manufacturer of cycle tubing.
RITCHEY: America's leading innovative designer and producer of light weight performance components.
TRUE TEMPER: America's leading manufacturer of cycle tubing specializing in heat treated and lightweight tubing.
MAJURA: Europe's foremost producer of hydraulic braking systems for motorcycles and cycles.
ROCKSHOX: America's brand leader in front suspension systems.
CAMPAGNOLO: The Italian company whose components have more Tour de France victories than any other have now turned their attention to the mountain bike market.
OVERSIZED FRAME TUBING: Bigger diameter tubes with decreased wall thickness combines strength with lightweight.
CRONOPLY: A mixture of expensive carbon fibre and molybdenum which when combined with steel considerably increases its strength to weight ratio.
DOUBLE BUTTED: A means of lightening the tube by reducing wall thickness in the centre of the tube without reducing strength.
ELLIPTICAL PROFILE TUBING: Overlaping the tube at both ends creating a greater contact area at major stress points.
QUAD PROFILE TUBING: A new shape in aluminium tubing, borrowed from motor bike technology.
ELEVATED CHAINSTAY: Elevating the chainstays enables a shorter triangle for competition use resulting in greater front clearance and increased rear wheel traction.
HEAT TREATED: A process of heating and quenching steel which improves the molecular structure creating a thin wall tube to be both lighter and stronger.
TOP SHIFTERS: SLS gear shifting on top of the handlebars giving quick and precise gear changes.
GRIP SHIFTERS: A twist action gear shift mechanism allowing both hands to remain on the hand grips ideal for hybrid bicycles and urban situations.
DRIVE SHIFTER: Co-ordinated gear, chainset and braking system by the same manufacturer.
W.C.S. World Champion Series components: By Ritchey designed for ultimate lightweight competition performance.
ALVALAC: A synthetic material with the strength properties of steel but almost no weight, developed for NASA's Space Programme, used on cycle tyre wall beads which reduce weight and enables the tyre to be fitted.

OFF ROAD SPORTS RANGE

A range of six, super bikes designed for serious but budget-conscious riders. Competitive specifications and retail price make them real value-for-money, with plenty to offer for both the recent convert and the experienced mountain biker.

OUTSTANDING FEATURES

Shimano 500 LX/200 GS group set
Tange cromoly double butted frame
Oversize 1.125" Tioga headset
Shimano cartridge B.B. set
Saracens famous tough polyester powder coat finish
Hand Built Quality
Tioga Wonder Dawg tyres
Hand built 36 x 14G rustless spoked wheels

RIDER BENEFITS

Good quality Shimano componentry for Off Road use
Lightness and rigidity at a competitive price
Strengthened main stress areas and smooth steering
Sealed for life, maintenance free
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry set up, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Branded quality tyres at a competitive price
Built tighter and stronger than machine built wheels, resulting in increased rider performance

SAHARA

The best entry-level bike around. Shimano componentry, using the 200 GS Group Set, Tange cromoly double butted frame and hand-built rustless spoked wheels combine to give you a machine perfect for recreational and sport use. The ideal introduction, offering a taste of mountain biking at a realistic price.

"A tidy package with the named components and lighter parts giving it a quality feel that can be missing on budget bikes."
Mountain Biker, April 1992



SAH

SAHARA

ELITE

The full oversize frame in Tange cromoly double butted frame tubing combined with upgraded Shimano Deore DX top shifters, which put the gear shifters right where you need them, and the Shimano Deore DX 2 finger brake levers for smooth, reliable, powerful braking will appeal to the rider who's looking for a better-than-average entry-level machine.



Shimano Deore DX Top Shifters

OUTSTANDING FEATURES

- Shimano Deore DX/300 LX group set
- Full oversize Tange cromoly double butted frame
- Shimano Deore DX top shifters
- Shimano Deore DX 2 finger brake levers
- Shimano cartridge B.B. set
- Comfort system gel saddle
- Saracens famous tough polyester powder coat finish
- Hand Built Quality
- Targa Wonder Dowg tyres
- Hand built 36 x 14G rustless spoked wheels

RIDER BENEFITS

- Good quality Shimano componentry for Off Road use
- High strength combined with Lightness and rigidity
- Upgraded positive and precise gear shifting, with friction option
- Precise braking control
- Sealed for life, maintenance free
- Excellent rider comfort
- Extremely durable knock resistant finish that doesn't flake if scratched
- Ensures perfect componentry set up, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
- Braided quality tyres at a competitive price
- Built tighter and stronger than machine built wheels, resulting in increased rider performance





Zoom Lite Stem

OUTSTANDING FEATURES

Shimano Deore DX/400 LX group set
 Full oversize Tange cromoly elliptical profile double butted frame
 Shimano Deore DX top shifters
 Shimano Deore DX 2 finger brake levers
 Shimano cartridge B.B. set
 Zoom lite stem with lite alloy bars
 Ritchey Vantage sport rims
 Ritchey Megabite hard drive tyres
 Comfort system leather gel saddle
 Sescens famous tough polyester powder coat finish
 Hand Built Quality
 Hand built 36 x 14G stainless steel spoked wheels

RIDER BENEFITS

Good quality Shimano componentry for Off Road use
 High strength combined with lightness and increased rigidity at tube joints
 Upgraded positive and precise gear shifting, with friction option
 Precise braking control
 Sealed for life - maintenance free
 Maximum strength with minimum weight (515 grams)
 Lightweight performance rim with twin side cavities for extra rigidity (485 grams)
 Performance tyre with new 2.1" width for better traction (630 grams)
 Excellent rider comfort
 Extremely durable knock resistant finish that doesn't flake if scratched
 Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
 Built tighter and stronger than machine built wheels, resulting in increased rider performance

TUFFTRAX

The bike that has left countless imitators following in its tyre tracks. 1992's strict 'back-to-basics' policy shows significant savings in weight, across the componentry. Full oversize Tange cromoly elliptical profile and double butted frame tubing as well as Zoom lite stem with lite alloy bars and Ritchey Vantage sport rims all add strength, but not weight. Ritchey megabite hard drive tyres with 2.1" width for superb climbing traction round off a bike that shares the riding characteristics of more expensive models.



TUFFTRAX ELITE

Shares the Zoom lite stem and lite alloy bars, Ritchey Vantage sport rims and megabite hard drive tyres in common with the Tufftrax. The Tange elliptical frame takes most of the credit for this bike's impressive strength to weight ratio, extra rigidity and reinforcing at major stress points. Upgraded Shimano Deore LX/DX Group Set is also lighter, wears longer and delivers the performance power to defy the elements, the terrain and even gravity.



Shimano's New Cartridge Bottom Bracket Set

OUTSTANDING FEATURES

Shimano Deore DX/Deore LX group set
Full oversize Tange cromoly elliptical profile double butted frame
Shimano Deore DX top shifters
Shimano Deore DX 2 finger brake levers
Shimano Deore DX cartridge B.B. set
Zoom lite stem with lite alloy bars
Ritchey Vantage sport rims
Ritchey Megabite hard drive tyres
Comfort system leather gel saddle
Saracens famous tough polyester powder coat finish
Hand Built Quality
Hand built 36 x 14G stainless steel spoked wheels

RIDER BENEFITS

Good quality Deore componentry for Off Road use
High strength combined with lightness and increased rigidity at tube joints
Upgraded positive and precise gear shifting, with friction option
Precise braking control
Sealed for life - maintenance free
Maximum strength with minimum weight (515 grams)
Lightweight performance rim with twin side castles for extra rigidity (495 grams)
Performance tyre with new 2.1" width for better traction (630 grams)
Excellent rider comfort
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built lighter and stronger than machine built wheels, resulting in increased rider performance





New Investment Cast Lightweight Rear Dropout

OUTSTANDING FEATURES

- Shimano Deore DX group set
- Full oversize True Temper lightweight elliptical profile double butted frame
- Shimano Deore DX top shifters
- Shimano Deore DX 2 finger brake levers
- Shimano Deore DX cartridge B.B. set
- Zoom lite stem with lite alloy bars
- Ritchey vantage expert rims
- Ritchey Megabite hard drive Kevlar tyres
- Comfort system leather gel saddle
- Saracens famous tough polyester powder coat finish
- Hand Built Quality
- Hand built 32 x 14G stainless steel spoked wheels

RIDER BENEFITS

- Good quality Deore components for Off road use
- All the design advantage of the Tufftrac Elite frame, only lighter and more rigid, by the use of the American made True Temper frame tubing
- Upgraded positive and precise gear shifting, with friction option
- Precise braking control
- Sealed for life - maintenance free
- Maximum strength with minimum weight (515 grams)
- Lightweight performance rim with a double skinned V cross section for increased rigidity (450 grams)
- Performance tyre with new 2.1" width for better traction, incorporating Kevlar for weight reduction and strength (575 grams)
- Excellent rider comfort
- Extremely durable knock resistant finish that doesn't flake if scratched
- Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
- Built lighter and stronger than machine built wheels, resulting in increased rider performance

TRAVERSE

A machine built around the exceptionally light American-made, full oversize True Temper AVR elliptical profile double butted frame tubing. Features Ritchey megabite hard drive Kevlar tyres for maximum traction and by incorporating Kevlar, a synthetic material with the strength properties of steel developed for NASA's space programme, reduces tyre weight for significantly improved climbing and thrilling downhill performance.



TRAVERSE

ELITE

Takes the best of the Traverse and upgrades it, adding a Shimano Deore XT Group Set for those who require extensive off-road use and keep coming back for more. The American-made True Temper frame tubing is light but super strong for maximum rider efficiency. Handsome, sleek and ready to race or ride all day, it soaks up the pressures and inspires confidence.



Elliptical Profile Double Butted Frame

OUTSTANDING FEATURES

Shimano Deore XT group set
Full oversize True Temper lightweight elliptical profile double butted frame
Shimano Deore XT top shifters
Shimano Deore XT 2 finger brake levers
Shimano Deore XT cartridge B.S. set
Zoom lite stem with lite alloy bars
Ritchey Vantage expert rims
Ritchey Megabite hard drive Kevlar tyres
Comfort system leather gel saddle
Saracens famous tough polyester powder coat finish
Hand Built Quality
Hand built 32 x 14G stainless steel spoked wheels

RIDER BENEFITS

Excellent quality Deore XT componentry for extensive Off Road use
All the design advantage of the Tuffrass Elite frame, only lighter and more rigid, by the use of the American-made True Temper frame tubing
Upgraded positive and precise gear shifting, with friction option
Precise braking control
Sealed for life - maintenance free
Maximum strength with minimum weight (515 grams)
Lightweight performance rim with a double skinned V cross section for increased rigidity (450 grams)
Performance tyre with new 2.1" width for better traction, incorporating Kevlar for weight reduction and strength (575 grams)
Excellent rider comfort
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built lighter and stronger than machine built wheels, resulting in increased rider performance



COMPETITION



Left to right: Steve Douce, Paul Stanforth, Jon Walshaw, Mick Ives, Rick Stanforth, Debbie Thompson.

Throwing down the gauntlet at the major national mountain bike events in 1992 will be Saracen's new team of four top-flight professional riders.

The team blends ambition and experience with Steve Douce, seven-times National Cyclo-Cross Champion, Jon Walshaw, one of the country's leading Road and Track riders and Commonwealth Games Medallist, Debby Thompson winner of the 1991 Ladies Expert Series and Mick Ives, as Rider Manager, winner of 30 Open Mountain Bike Events in 1991 and probably the most experienced Racing Cyclist competing in the UK today. All four team members are World Championship competitors.

It's the aim of the team to be ruthless in the pursuit of top honours. Their participation as serious contenders underlines Saracen's

success in producing an exceptional range of lighter and stronger machines for 1992, as well as our commitment to the development of the sport.

The machines the Saracen professional Team will be riding are standard production models selected from our range of seven off-road bikes, which all come complete with special features for competition use.

Upgraded, to save serious bikers having to add componentry themselves, each bike is equipped to the highest specification and needs no extra modification prior to racing.

In this range, options which can be ordered from your dealer include factory-fitted Rockshox II suspension forks with indexed adjustment and factory-supplied Shimano clipless pedals.

KILI RACER

The looks and attributes of a competition bike, but far more affordable than most in this class. Hardware includes elevated chainstay design frame for better mud clearance and a shorter rear triangle to increase climbing agility and protect against chainsuck and chainbounce. The ski bend bar ends, which allows the rider to use the alternative hand positions essential for speed climbing, and the Ritchey Force lite cromoly stem are only usually found in bikes costing much more.



OUTSTANDING FEATURES

Shimano Deore DX/Deore LX group set
Full oversize Tange cromoly elliptical profile double butted frame
Elevated chainstay design frame
Shimano Deore DX top shifters
Shimano Deore DX 2 finger brake levers
Shimano Deore DX cartridge B.B. set
Ritchey Force lite cromoly stem
Ritchey Force lite alloy bars
Ski bend alloy bar ends
Ritchey Vantage competition rims
Ritchey Megabite Z-max tyres
Saracens competition saddle
Saracens famous tough polyester powder coat finish
Hand Built Quality

RIDER BENEFITS

Good quality Deore componentry for Competition use
High strength combined with lightness and increased rigidity at tube joints
Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
Upgraded positive and precise gear shifting, with friction option
Precise braking control
Sealed for life - maintenance free
Strong lightweight competition stem (340 grams)
Strong lightweight competition bars (180 grams)
Giving alternative hand position especially useful for climbing
Lightweight competition rim with double skinned V cross section for increased rigidity (415 grams)
Latest Ritchey competition tyres for ultimate Off Road traction (590 grams)
New lightweight competition saddle
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built tighter and stronger than machine built wheels, resulting in increased rider performance

Ritchey Force Lite Cromoly Stem





Onza Alloy Bar Ends

KILI PRO

Built to exacting standards with the inclusion of upgraded components such as a Shimano Deore DX Group Set, Onza alloy bar ends and most significantly, the Magura Hydraulic braking system, which gives you better braking control and increased stopping power available via a lighter, energy-saving finger action. The Kili Pro is recognised as one of the best equipped, value-for-money bikes around.

OUTSTANDING FEATURES

Shimano Deore DX group set
Full oversize True Temper A.V.R. lightweight elliptical profile double butted frame
Elevated chainstay design frame
Shimano Deore DX top shifters
Shimano Deore DX cartridge B.B. set
Magura Hydraulic braking system
Ritchey Force lite cromoly stem
Ritchey Force lite alloy bars
Onza alloy bar ends
Ritchey Vantage competition rims
Ritchey Megabite Z-max tyres
Saracens competition saddle
Saracens famous tough polyester powder coat finish
Hand Built Quality
Hand built 32 x 14-16 G double butted stainless steel spoked wheels

RIDER BENEFITS

Good quality Deore componentry for competition use
All the design advantages of the Kili Racer frame, only lighter and more rigid, by the use of the American made True Temper frame tubing
Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
Upgraded positive and precise gear shifting, with friction option
Sealed for life - maintenance free
Ultimate stopping power with light finger action, resulting in less rider fatigue and increased braking control
Strong lightweight competition stem (340 grams)
Strong lightweight competition bars (180 grams)
Giving alternative hand position especially useful for climbing
Lightweight competition rim with a double skimmed V cross section for increased rigidity (415 grams)
Latest Ritchey competition tyres for ultimate Off Road traction (590 grams)
New lightweight competition saddle
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built tighter and stronger than machine built wheels, resulting in decreased revolving weight and increased rider performance



KILI FLYER

Few of its rivals are as well established or as well developed. No stranger to competition circles, it's elevated chainstay design improves performance and it comes complete with a full oversize True Temper AVR lightweight elliptical profile double butted frame which is lighter and more rigid than standard designs. For the ultimate in off-road traction in any conditions we've added Ritchey Megabyte Z-max WCS Kevlar tyres, the WCS Kevlar version of Ritchey's latest competition tyre. Frequent users will benefit from the quality of the Shimano Deore XT Group Set. Thrives on adrenalin.



OUTSTANDING FEATURES

Shimano Deore XT group set

Full oversize True Temper A.V.R. lightweight elliptical profile double butted frame

Elevated chainstay design frame

Shimano Deore XT top shifters

Shimano Deore XT cartridge B.B. set

Magura Hydraulic braking system

Ritchey Force Competition lite cromoly stem

Ritchey Profile alloy bars

Onza alloy bar ends

Ritchey Vantage Pro W.C.S. rims

Ritchey Megabyte Z-max W.C.S. Kevlar tyres

Saracen competition saddle

Saracens famous tough polyester powder coat finish

Hand Built Quality

RIDER BENEFITS

Excellent quality Deore XT componentry for extensive competition use

All the design advantages of the Kili Racer frame, only lighter and more rigid, by the use of the American made True Temper frame tubing increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce

Upgraded positive and precise gear shifting, with friction option

Sealed for life - maintenance free

Ultimate stopping power with light finger action, resulting in less rider fatigue and increased braking control

Lightest and strongest competition stem available, constructed from heat treated thin wall cromoly, weighs only 290 grams

Lightweight, good shock absorption, durable construction, weighs only 140 grams

Giving alternative hand position especially useful for climbing

Ultra lightweight competition rim with double skinned V cross section for increased rigidity, weighs only 395 grams

Lightweight World Champion Series Kevlar version of Ritchey's latest competition tyre for ultimate Off Road traction, weighs only 550 grams

New lightweight competition saddle

Extremely durable knock resistant finish that doesn't flake if scratched

Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry

Dish lighter and stronger than machine built wheels, resulting in decreased rotating weight and increased rider performance

Magura Hydraulic Braking System





Tange New Lite Strut Fork

OUTSTANDING FEATURES

- Shimano Deore XTR group set
- Full oversize True Temper OX Ultra II heat treated cromoly double butted frame
- Tange new lite strut fork
- Elevated chain stay design
- Shimano XTR cartridge B.B. set
- Shimano S.P.D. clipless pedal
- Shimano 8-speed new trigger shift
- Ritchey Force competition lite cromoly stem
- Ritchey ProLite W.C.S. alloy bars
- Orza alloy bar ends
- Ritchey Vantage Pro W.C.S. rims
- Ritchey Force racing K W.C.S. Kevlar tyres
- Saracen competition titanium saddle
- Saracen famous tough polyester powder coat finish
- Hand Built Quality

RIDER BENEFITS

- Shimano's new for 1992 top of the line component group
- All the design benefit of the Kili Racer frame, only made with the ultimate lightweight, heat treated, thin wall American made True Temper tubing
- Lightweight construction. Increased mud clearance
- Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
- Sealed for life - maintenance free
- Ultimate solution for positive pedalling action
- Positive 8 - speed shifting
- Lightest and strongest competition stem available, constructed from heat treated thin wall cromoly and weighs only 290 grams
- World Championship Series version, lightweight, good shock absorption, durable butted construction, weighs only 123 grams
- Giving alternative hand position especially useful for climbing
- Ultra lightweight competition rim with double skinned V cross section for increased rigidity, weighs only 395 grams
- World Champion Series Kevlar version making it the Worlds lightest full width M.T.B. tyre at only 465 grams
- Ultra lightweight competition saddle with titanium rails, weighs only 200 grams
- Extremely durable knock resistant finish that doesn't flake if scratched
- Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
- Built lighter and stronger than machine built wheels, resulting in decreased revolving weight and increased rider performance

Hand built 32 x 14-16 G double butted stainless steel spoked wheels



KILI XTR

One of the best equipped bikes on the market. Push it to the limit. Its full size True Temper OX Ultra II cromoly double butted frame is the ultimate in lightweight heat treated, thin wall American-made tubing. Precise front end handling is courtesy of the Tange new lite Strut fork. The Shimano Deore XTR Group Set, new from Shimano for 1992, offers top of the range 24-speed gearing and is included to give the rider more options and greater flexibility. Ritchey Force Racing K. WCS Kevlar tyres, the world's lightest full width MTB tyre, together with Ritchey Vantage Pro WCS rims, the ultra lightweight competition rim.

KILI ULTRA

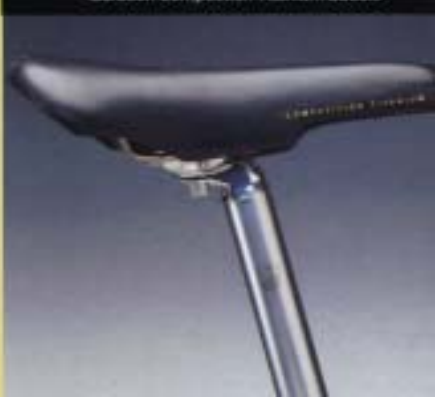
The ultimate competition bike and top cromoly bike in the range. This is a bike with a mission. The race-proven componentry features the outstanding Campagnolo Record OR Group Set, new for 1992 and a top-of-the-line group set from one of the most famous names in high quality racing component production. A full range of Ritchey WCS components and Saracen ultra lightweight competition titanium saddle, with titanium rails, saves every precious gram resulting in superb acceleration which leaves lesser bikes standing. The best there is, it exceeds the standards of even the top competition riders.



OUTSTANDING FEATURES RIDER BENEFITS

Full oversize True Temper GX Ultra II heat treated cromoly double butted frame	Campagnolo record O.R. group set	Campagnolo new for 1992 top of the line component group set
Elevated chain stay design	Tange new life strut fork	All the design benefit of the Kili Racer frame, only made with the ultimate lightweight, heat treated, thin wall American made True Temper tubing
Campagnolo record cartridge B.B. set	Campagnolo look system clipless pedals	Lightweight construction. Increased mud clearance
Campagnolo record B - speed new top shifters	Campagnolo record B - speed new top shifters	Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
Ritchey Force competition life cromoly stem	Ritchey Prolite W.C.S. alloy bars	Sealed for life - maintenance free
Ritchey Prolite W.C.S. alloy bars	Orza alloy bar ends	Ultimate solution for positive pedalling action
Campagnolo Stheno rims	Ritchey Force racing R.W.C.S. Kevlar tyres	Positive and precise gear shifting action
Ritchey Force racing R.W.C.S. Kevlar tyres	Saracen competition titanium saddle	Lightest and strongest competition stem available, constructed from heat treated thin wall cromoly, weighs only 290 grams
Saracens famous tough polyester powder coat finish	Hand Built Quality	World Championship Series version, lightweight, good shock absorption, durable butted construction, weighs only 123 grams
		Giving alternative hand position especially useful for climbing
		Top line Campagnolo double skinned competition rim
		World Champion Series Kevlar version making it the Worlds lightest full width M.T.B. tyre at only 485 grams
		Ultra lightweight competition saddle with titanium rails, weighs only 200 grams
		Extremely durable knock resistant finish that doesn't flake if scratched
		Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry

Saracen Competition Titanium Saddle





Aluminum Quad Profile Tubing

OUTSTANDING FEATURES RIDER BENEFITS

Shimano Deore DX group set	Good quality Deore componentry for Competition use
Full oversize 7005 series heat treated aluminium quad profile tubing	Quad profile tube construction combined with ultra lightweight, heat treated aluminium, resulting in an extremely stiff lightweight frame
Elevated chainstay design	Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
Shimano Deore DX top shifters	Upgraded positive and precise gear shifting, with friction option
Shimano Deore DX cartridge B.B. set	Sealed for life - maintenance free
Magura hydraulic braking system	Ultimate stopping power with light finger action, resulting in less rider fatigue and increased braking control
Ritchey Force competition lite cromoly stem	Lightest and strongest competition stem available, constructed from heat treated thin wall cromoly, weighs only 290 grams
Ritchey ProLite alloy bars	Lightweight, good shock absorption, durable construction, weighs only 140 grams
Onza alloy bar ends	Giving alternative hand position especially useful for climbing
Ritchey Vantage Pro W.C.S. rims	Ultra lightweight competition rim with double skinned V cross section for increased rigidity, weighs only 395 grams
Ritchey Megalite Z-Max W.C.S. Kevlar tyres	Lightweight World Champion Series Kevlar version of Ritchey's latest competition tyre, for ultimate Off Road traction weighs only 550 grams
Saracen competition saddle	New lightweight competition saddle
Saracens famous tough polyester powder coat finish	Extremely durable knock resistant finish that doesn't flake if scratched
Hand Built Quality	Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Hand built 32 x 14-16 G double butted stainless steel spoked wheels	Built tighter and stronger than machine built wheels, resulting in decreased revolving weight and increased rider performance

CONQUEST

Alloy construction machines are lighter than their cromoly counterparts. The full oversize 7005 series is a quad profile tube construction combined with ultra lightweight heat treated aluminium, for an extremely stiff lightweight frame. A Magura Hydraulic braking system is incorporated to stop you with authority and the light finger action means fatigue is never a factor. Max Switch Cromoly Super Lite forks complete the details of a bike that is one of the most responsive in its class.



CONQUEST

ELITE

Features an upgraded Shimano Deore XT Group Set combined with a full range of Ritchey WCS components, including Vantage Pro WCS ultra lightweight competition rims with double skinned V cross section for increased rigidity and Ritchey Megabyte Z-Max WCS Kevlar tyres for incomparable off-road traction, making it a bike that relishes the challenge of off-road riding.



OUTSTANDING FEATURES RIDER BENEFITS

Shimano Deore XT group set	Excellent quality Deore XT componentry for extensive Competition use
Full oversize 7005 series heat treated aluminium quad profile tubing	Quad profile tube construction combined with ultra lightweight, heat treated aluminium, resulting in an extremely stiff lightweight frame
Elevated chainstay design frame	Increased mud clearance, shorter rear triangle for enhanced climbing, eliminates chain suck and chain bounce
Shimano Deore XT top shifters	Upgraded positive and precise gear shifting, with friction option
Shimano Deore XT cartridge B.B. set	Sealed for life - maintenance free
Magura hydraulic braking system	Ultimate stopping power with light finger action, resulting in less rider fatigue and increased braking control
Ritchey Force competition lite cromoly stem	Lightest and strongest competition stem available, constructed from heat treated thin wall cromoly, weighs only 290 grams
Ritchey Profile alloy bars	World Championship Series version lightweight, good shock absorption, durable butted construction, weighs only 123 grams
Onza alloy bar ends	Giving alternative hand position especially useful for climbing
Ritchey Vantage Pro W.C.S. rims	Ultra lightweight competition rim with double skinned V cross section for increased rigidity, weighs only 395 grams
Ritchey Megabyte Z-Max W.C.S. Kevlar tyres	Lightweight World Champion Series Kevlar version of Ritchey's latest competition tyre, for ultimate Off Road traction weighs only 550 grams
Saracen competition titanium saddle	Ultra lightweight competition saddle with titanium rails, weighs only 200 grams
Saracens famous tough polyester powder coat finish	Extremely durable knock resistant finish that doesn't flake if scratched
Hand Built Quality	Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Hand built 33 - 34.18" double butted stainless steel sealed headset	Built holder and stainless steel bearing built wheels, resulting in decreased weight, weight and increased rider performance

Max Switch Cromoly Super Lite Forks



HYBRIDS

A relatively new breed of versatile transport with all the advantages of a road bike and enough mountain bike pedigree to keep its off-road integrity. Ideal multi-purpose urban machine for those who spend more time on the tarmac commuting than in the mud competing.

OUTSTANDING FEATURES

Shimano new 200 CX group set
Wishbone style standard size Tange Infinity cromoly double butted frame
Gripshift new gear shifting system
Shimano cartridge B.B. set
Alcoa alloy rims
Avocet cross tyres
Comfort system gel saddle
Saracens famous tough polyester powder coat finish
Hand Built Quality
Hand built 36 x 14G rustless steel spoked wheels

RIDER BENEFITS

New for 1992 good quality components for Hybrid bikes
Lightened design Hybrid frame, for more response on road use, but with full Off Road capabilities (clearance for 1.75" knobbies)
Refined for 1992, very simple smooth operation ideal for hybrid bikes
Sealed for life - maintenance free
Lightweight and strong rims
Inverted tread pattern gives a smooth ride, with low rolling resistance on the road, and good grip for recreational Off Road riding
Excellent rider comfort
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built tighter and stronger than machine built wheels, resulting in increased rider performance

CROSSTRAX

The hybrid for a rider who needs a lightweight, comfortable bike for transport as much as recreation. The Gripshift has been refined for 1992 with a new gear shifting system for simple and smooth operation. Avocet cross tyres with inverted tread patterns offer a smoother ride with low rolling resistance round town and good grip for off-road riding. The wishbone-style Tange Infinity Cromoly frame's narrower tubing reduces weight. Carrier bosses are supplied, front and back, for touring. Allen key seat bolt fitted to meet the greater security demands of urban areas.



FASTRAX

All-purpose practical hybrid designed to excel in all types of cycling. The Shimano 30-40-50 chain set with round rings combined with a Shimano Deore DX 7 speed 12-28 rear wheel cassette offers higher gearing for energy efficient peddling on the road. New for 1992 is the high quality Shimano 500 CX Group Set, developed specifically for Hybrids. All round top quality components unite for a bike that's light and lively but sturdy enough for multi-sport off-road use.



Gripshift - New Gear Shifting System

OUTSTANDING FEATURES

Shimano new 500 CX group set
Wishbone style standard size Tange Infinity cromoly double butted frame
Gripshift new gear shifting system
Shimano 30-40-50 chain set with round rings
Shimano cartridge B.B. set
Ritchey Vantage cross rims
Avocet cross tyres
Comfort system gel saddle
Seracene famous tough polyester powder coat finish
Hand Built Quality
Hand built 36 x 14G rustless steel spoked wheels

RIDER BENEFITS

New for 1992 good quality components for Hybrid bikes
Lightened design Hybrid frame, for more response on road use, but with full Off Road capabilities (clearance for 1.75" knobby tires)
Refined for 1992, very simple smooth operation ideal for hybrid bikes
New higher gearing for on road use
Sealed for life - maintenance free
Ritchey Vantage Sport rim weighs 450 grams
Inverted bead pattern gives a smooth ride, with low rolling resistance on the road, and good grip for recreational Off Road riding
Excellent rider comfort
Extremely durable knock resistant finish that doesn't flake if scratched
Ensures perfect componentry setup, double checked before leaving the factory, resulting in the lowest warranty claims in the industry
Built lighter and stronger than machine built wheels, resulting in increased rider performance



SPECIFICATION

	MODEL	SAHARA	SAHARA ELITE	TUFFTRAX	TUFFTRAX ELITE	TRAVERSE	TRAVERSE ELITE
	WEIGHT	13.3 lbs (29.7 lbs)	13.5 lbs (29.7 lbs)	13.15 lbs (29.2 lbs)	12.8 lbs (28.2 lbs)	12.25 lbs (26.9 lbs)	11.8 lbs (26.2 lbs)
	COLOUR	Red w/ Teardrop	Black	Metallic Blue	Metallic Copper	Metallic Purple	Metallic Black
	SIZE	14.5" 16" 18" 20" 22"	14.5" 18" 18" 20" 22"	18" 18" 20" 22"	18" 18" 20" 22"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"
FRAME SET	FRAME	Targa MTB, internally double butted, chromoly main tubes, oversize front tubes (5)	Targa MTB, internally double butted, chromoly frame tubes (5)	Targa MTB, elliptical profile, chromoly main tubes, butted oversize frame tubes (5)	Targa MTB, elliptical profile, chromoly double butted oversize frame tubes (5)	True Tempco A.V.R. elliptical profile, chromoly double butted oversize frame tubes (5)	True Tempco A.V.R. elliptical profile, chromoly double butted oversize frame tubes (5)
	FORKS	Max Drive chromoly fit	Max Drive chromoly fit	Max Drive chromoly fit	Max Drive chromoly fit	Super Max Drive chromoly super fit	Super Max Drive chromoly super fit
	HEADSET	Targa Average 1.125" x size	Targa Average 1.125" x size	Targa Average 1.125" x size	Targa Average 1.125" x size	Witchy Light 1.125" x size	Witchy Light 1.125" x size
	HEAD TUBE ANGLE	71 degrees	71 degrees	71 degrees	71 degrees	71 degrees	71 degrees
	SEAT TUBE ANGLE	74 degrees	74 degrees	74 degrees	74 degrees	74 degrees	74 degrees
	CHAINSTAY LENGTH	435 mm (17")	425 mm (16.73")	425 mm (16.73")	425 mm (16.73")	425 mm (16.73")	425 mm (16.73")
	TOP TUBE LENGTH	560 mm (21.85")	560 mm (21.85")	560 mm (21.85")	560 mm (21.85")	545 mm (21.45")	545 mm (21.45")
	FORK RAKE	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")
	B.B. HEIGHT	285 mm (11.24")	285 mm (11.24")	285 mm (11.24")	285 mm (11.24")	285 mm (11.24")	285 mm (11.24")
	WHEELBASE	1094 mm (42.93")	1046 mm (41.18")	1047 mm (41.22")	1047 mm (41.22")	1094 mm (42.94")	1094 mm (42.94")
DRIVE TRAIN	CHAINSET	Shimano 200 1x8 38-26-48 8.7	Shimano 300 1x28 36-48 8.7	Shimano 400 1x 28-26-48 8.7	Shimano Deore LX 24-16-48 round rings	Shimano Deore DX 24-26-48 round rings	Shimano Deore XT 24-26-48 round rings
	B.B. SET	Shimano Eagle CS-20 Cartridge	Shimano Eagle CS-20 Cartridge	Shimano Eagle CS-20 cartridge	Shimano Deore DX 1x 60 cartridge	Shimano Deore DX 1x 60 cartridge	Shimano Deore XT 1x 70 cartridge
	CHAIN	Shimano 200 CS	Shimano 300 LX	Shimano 400 LX	Shimano Deore	Shimano Deore DX	Shimano Deore XT
	PEDALS	Shimano Eagle	Victor Low Profile with Shimano ATD toe clips & straps	Victor low profile with Shimano ATD toe clips & straps	Victor Low Profile with Shimano ATD toe clips & straps	Victor Lube system (230 grams per pair) with Shimano ATD toe clips & straps	Victor Super Lite (290 grams per pair) with Shimano ATD toe clips & straps
GEAR SYSTEM	F/R DERAILLEURS	Shimano 200 CS ST	Shimano 300 LX	Shimano 400 LX	Shimano Deore LX	Shimano Deore DX	Shimano Deore XT
	SHIFT LEVERS	Shimano 200 SS ST1 Acushif	Shimano Deore DX Top Shift	Shimano Deore DX Top Shift	Shimano Deore DX Top Shift	Shimano Deore DX Top Shift	Shimano Deore XT Top Shift
BRAKE SYSTEM	BRAKES	Shimano Eagle low profile	Shimano Eagle low profile	Shimano Deore low profile	Shimano Deore low profile	Shimano Deore low profile	Shimano Deore XT low profile
	LEVERS	Shimano Eagle 2 finger	Shimano Deore DX 2 finger	Shimano Deore DX 2 finger	Shimano Deore DX 2 finger	Shimano Deore DX 2 finger	Shimano Deore XT 2 finger
WHEELS	RIMS	Alloy alloy	Shimano Fast Track smoothed alloy	Witchy Velocity Super (400 grams)	Witchy Velocity Super (400 grams)	Witchy Velocity Super (450 grams)	Witchy Velocity Super (450 grams)
	HUBS	Shimano Eagle Quick Release	Shimano Eagle quick release	Shimano Eagle quick release	Shimano Deore LX quick release	Shimano Deore DX quick release	Shimano Deore XT quick release 32 hole
	SPOKES	140 stainless	140 stainless	140 stainless	140 stainless	140 stainless	140 stainless
	CASSETTE	Shimano 500 LX 7 speed 13-28	Shimano 500 LX 7 speed 13-28	Shimano 500 LX 7 speed 13-28	Shimano Deore DX 7 speed 12-28	Shimano Deore DX 7 speed 12-28	Shimano Deore XT 7 speed 12-28
BAR SYSTEM	TYRES	Targa Wonder Dwg 26 x 1.95"	Targa Wonder Dwg 26" x 1.95"	Witchy Megalite Hard Drive 26 x 2.1" (630 grams)	Witchy Megalite Hard Drive 26 x 2.1" (630 grams)	Witchy Megalite Hard Drive Kevlar Bead 26 x 2.1" (675 grams)	Witchy Megalite Hard Drive Kevlar Bead 26 x 2.1" (675 grams)
	BAR	Shimano Alloy	Shimano alloy	Shimano flat alloy (250 grams)	Shimano Lite Alloy (250 grams)	Shimano flat alloy (250 grams)	Shimano flat alloy (250 grams)
	STEM	Shimano chromoly	Shimano chromoly with internal cable	Zoom flat chromoly (260 grams)	Zoom flat chromoly (260 grams)	Zoom flat chromoly (260 grams)	Zoom flat chromoly (260 grams)
SEAT SYSTEM	GRIPS	Targa Dwgrip	Targa Dwgrip	Targa Dwgrip	Targa Dwgrip	Targa Dwgrip	Targa Dwgrip
	SADDLE	Shimano Comfort System	Shimano Comfort System Gel	Shimano Comfort System Gel Leather	Shimano Comfort System Gel leather	Shimano Comfort System Gel leather	Shimano Comfort System Gel leather
	SEATPOST	Shimano chromoly micro adjust	Shimano chromoly micro adjust	Shimano alloy super fit micro adjust (260 grams)	Shimano alloy super fit micro adjust (260 grams)	Shimano alloy super fit micro adjust (260 grams)	Shimano alloy super fit micro adjust (260 grams)

Net

- (5) denotes sloping top tube design
- Angles given are those based on a vertical straight top tube (1.7 & 1.8" size)
- Frame sizes are measured from centre of bottom bracket to centre point of top tube along the seat tube.
- Weight will vary according to size.

KILI RACER	KILI PRO	KILI FLYER	KILI XTR	KILI ULTRA	CONQUEST	CONQUEST ELITE	CROSSTRAX	FASTRAX
13.15 Kilo (28.96lbs)	12.7 Kilo (27.99lbs)	12.6 Kilo (27.75 lbs)	12 Kilo (26.5 lbs)	11.73 Kilo (25.85 lbs)	12.35 Kilo (27.23lbs)	12.25 Kilo (26.99 lbs)	12.25 Kilo (26.99 lbs)	12.25 Kilo (26.99 lbs)
Red	Metallic Black	Metallic Purple	Titanium	Metallic Green	Metallic Silver	Metallic Graphite	Red	Metallic Black
15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	15.5" 17.5" 19.5"	16" 18" 20" 22"	16" 18" 20" 22"
Tange elliptical profile chromoly double butted oversize frame tubes elevated chainstay design (5)	True Temper AFR elliptical profile chromoly double butted oversize frame tubes elevated chainstay design (5)	True Temper A.V.R. elliptical profile chromoly double butted oversize frame tubes elevated chainstay design (5)	True Temper DR ultra 8 heat treated Elliptical profile chromoly double butted oversize frame tubes elevated chainstay design (5)	True Temper DR ultra 8 heat treated Elliptical profile chromoly double butted oversize frame tubes elevated chainstay design (5)	7005 series heat treated aluminum Quad profile tubing elevated chainstay design (5)	7005 series heat treated aluminum Quad profile tubing elevated chainstay design (5)	Waltham style frame w/ Tange alloy chromoly tapered double butted frame tubes	Waltham style frame w/ Tange alloy chromoly tapered double butted main frame tubes
Max Drive chromoly ffs	Super Max Drive chromoly super ffs	Super Max Drive chromoly super ffs	Max Strut chromoly super ffs	Max Strut chromoly super ffs	Max Switch chromoly super ffs	Max Switch chromoly super ffs	Hybrid alloy chromoly for rear bottom Shimano E-Tagg 1"	Hybrid alloy chromoly for rear bottom Shimano E-Tagg 1"
Richey Logic comp 1.125" x size	Richey Logic comp 1.125" x size	Richey Logic comp 1.125" x size	Shimano XTR 1.125" oversize	Campagnolo Record 1.125" x size	Richey Logic comp 1.125" x size	Richey Logic comp 1.125" x size	Shimano E-Tagg 1"	Shimano E-Tagg 1"
71 degrees	71 degrees	71 degrees	71 degrees	71 degrees	71 degrees	71 degrees	73 degrees	73 degrees
73 degrees	74 degrees	74 degrees	74 degrees	74 degrees	73 degrees	73 degrees	73 degrees	73 degrees
425 mm (16.73")	419 mm (16.5")	419 mm (16.5")	419 mm (16.5")	419 mm (16.5")	419 mm (16.5")	419 mm (16.5")	425 mm (16.73")	425 mm (16.73")
560 mm (22.05")	545 mm (21.45")	545 mm (21.45")	545 mm (21.45")	545 mm (21.45")	540 mm (21.26")	540 mm (21.26")	565 mm (22.24")	565 mm (22.24")
45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	45 mm (1.77")	44 mm (1.73")	44 mm (1.73")	45 mm (1.77")	45 mm (1.77")
295 mm (11.61")	295 mm (11.61")	295 mm (11.61")	295 mm (11.61")	295 mm (11.61")	296 mm (11.67")	296 mm (11.67")	286 mm (11.26")	286 mm (11.26")
1050 mm (41.34")	1044 mm (41.1")	1044 mm (41.1")	1044 mm (41.1")	1044 mm (41.1")	1074 mm (42.28")	1074 mm (42.28")	1073 mm (42.24")	1073 mm (42.24")
Shimano Deore DR 24-36-48 round rings	Shimano Deore DR 24-36-48 round rings	Shimano Deore XT 24-36-48 round rings	Shimano XTR 26-36-48 round rings	Campagnolo Record 20-30-42 micro round rings	Shimano Deore DR 24-36-48 round rings	Shimano Deore XT 24-36-48 round rings	Shimano 200 13-26-36-48 R/F	Shimano 200 CX 30-40-50 round rings
Shimano Deore DR UN 50 cartridge	Shimano Deore DR UN 50 cartridge	Shimano Deore XT UN 70 cartridge	Shimano XTR UN 90 cartridge	Campagnolo Record cartridge	Shimano Deore DR UN 50 cartridge	Shimano Deore XT UN 70 cartridge	Shimano E-Tagg CS21 cartridge	Shimano E-Tagg CS21 cartridge
Shimano Deore DR	Shimano Deore DR	Shimano Deore XT	Shimano XTR	Campagnolo Record	Shimano Deore DR	Shimano Deore XT	Shimano 200 CR	Shimano 200 CR
Victor Super Life system (260 grams per pair) with Seracen ATD toe clips & straps	Victor Super Life System (260 grams per pair) with Seracen ATD toe clips & straps	Victor Super Life system (260 grams per pair) with Seracen ATD toe clips & straps	Shimano S.F.D. M737 clipless	Campagnolo Centaur clipless	Victor Super Life system (260 grams per pair) with Seracen XTR toe clips & straps	Victor Super Life system (260 grams per pair) with Seracen ATD toe clips & straps	Victor Cross with Seracen hybrid toe clips & straps	Victor toe profile with Seracen heel toe clips & straps
Shimano Deore LX	Shimano Deore DR	Shimano XT	Shimano XTR	Campagnolo Record	Shimano Deore DR	Shimano Deore XT	Shimano 200 CR	Shimano 200 CR
Shimano Deore DR Top Shift	Shimano Deore DR Top Shift	Shimano XT Top Shift	Shimano XTR Trigger Shift	Campagnolo Record Top Shift	Shimano Deore DR Top Shift	Shimano Deore XT Top Shift	Hybrid	Hybrid
Shimano Deore low profile	Magnus hydraulic brakes with quick release	Magnus hydraulic brakes with quick release	Shimano XTR low profile	Campagnolo Record	Magnus hydraulic brakes with quick release	Magnus hydraulic brakes with quick release	Shimano 200 CR low profile	Shimano Deore low profile
Shimano Deore DR 2 finger	Magnus hydraulic 2 finger	Magnus hydraulic 2 finger	Shimano XTR 2 finger	Campagnolo Record 2 finger	Magnus hydraulic 2 finger	Magnus hydraulic 2 finger	Shimano E-Tagg 2 finger	Shimano Deore DR 2 finger
Richey Vantage comp (415 grams)	Richey Vantage comp (413 grams)	Richey Vantage Pro W.C.S. (395 grams)	Richey Vantage Pro W.C.S. (395 grams)	Campagnolo Shimano	Richey Vantage Pro W.C.S. (395 grams)	Richey Vantage Pro W.C.S. (395 grams)	Richey Vantage Cross Sport (450 grams)	Richey Vantage Cross sport (450 grams)
Shimano Deore LX quick release 32 hole	Shimano Deore DR quick release 32 hole	Shimano Deore XT quick release 32 hole	Shimano XTR quick release 30 hole	Campagnolo Record quick release 32 hole	Shimano Deore DR quick release 32 hole	Shimano Deore XT quick release 32 hole	Shimano E-Tagg quick release	Shimano E-Tagg quick release
140 stainless	14-190 double butted stainless	14-190 double butted stainless	14-190 double butted stainless	14-190 double butted stainless	14-190 double butted stainless	14-190 double butted stainless	140 stainless	140 stainless
Shimano Deore DR 7 speed 12-28	Shimano Deore DR 7 speed 12-28	Shimano Deore DR 7 speed 12-28	Shimano XTR 8 speed 12-28 Super Life	Campagnolo Record 8 speed 11-23 Close Ratio	Shimano Deore DR 7 speed 12-28	Shimano Deore XT 7 speed 12-28	Shimano Deore DR 7 speed 12-28	Shimano Deore DR 7 speed 12-28
Richey Megabike 2 Max 26" x 2.1" (550 grams)	Richey Megabike 2 Max 26" x 2.1" (550 grams)	Richey Megabike 2 Max W.C.S. Reiver bead 26" x 2.1" (550 grams)	Richey Force Racing K W.C.S. Keivar bead 26" x 1.9" (465 grams)	Richey Force Racing K W.C.S. Keivar bead 26" x 1.9" (465 grams)	Richey Megabike 2 Max W.C.S. Keivar bead 26" x 2.1" (550 grams)	Richey Megabike 2 Max W.C.S. Keivar bead 26" x 2.1" (550 grams)	Reiver Cross 26" x 1.9"	Reiver Cross 26" x 1.9"
Richey Force ffs (180 grams) with One bar ends	Richey Force ffs (180 grams) with One bar ends	Richey Profile alloy (140 grams) with One bar ends	Richey Profile W.C.S. alloy (123 grams) with One bar ends	Richey Profile W.C.S. alloy (123 grams) with One bar ends	Richey Profile Alloy (140 grams) with One bar ends	Richey Profile W.C.S. alloy (123 grams) with One bar ends	Seracen ffs alloy (260 grams)	Seracen ffs alloy (260 grams)
Richey Force ffs chromoly (240 grams)	Richey Force ffs Chromoly (240 grams)	Richey Force competition ffs chromoly (240 grams)	Richey Force comp ffs chromoly (240 grams)	Richey Force Comp ffs chromoly (240 grams)	Richey Force competition ffs chromoly (240 grams)	Richey Force comp ffs chromoly (240 grams)	Seracen chromoly hybrid	Seracen chromoly hybrid
Grab on	Grab on	Grab on	Grab on	Grab on	Grab on	Grab on	Wiggle	Wiggle
Seracen comp leather	Seracen comp leather	Seracen comp leather	Seracen comp Shimano leather (200 grams)	Seracen comp Shimano leather (200 grams)	Seracen comp leather	Seracen comp Shimano leather (200 grams)	Seracen Comfort Synthetic ffs	Seracen Comfort Synthetic Gel
Seracen alloy super ffs micro adjust (260 grams)	Seracen alloy super ffs micro adjust (260 grams)	Seracen alloy super ffs micro adjust (260 grams)	Seracen alloy super ffs micro adjust (260 grams)	Campagnolo taurus super ffs micro adjust (260 grams)	Seracen alloy super ffs micro adjust (260 grams)	Seracen alloy super ffs micro adjust (260 grams)	Seracen micro adjust (260 grams)	Seracen micro adjust (260 grams)

WARRANTY

Saracen Cycles has an excellent non-return record due to 100% of all our components being assembled in our workshops prior to delivery to the retailer. This permits us to offer you the following comprehensive Warranty:

Saracen Cycles Ltd warrants the replacement of original components of Saracen Mountain Bikes due to defects in material and/or workmanship according to the following conditions and limitations. The frame and fork are warranted for a period of 5 years (in the case of suspension forks, 1 year). The original components, other than the frame and fork, are warranted for a period of 1 year (labour and transportation charges are not included). The warranty is limited to the original retail purchaser only and proof of purchase is required to validate this warranty.

The Warranty does not cover damage or failure due to abuse, neglect, accident, improper assembly, maintenance or commercial hire, normal wear and tear or installation of parts or accessories not originally intended or incompatible with the bicycle as sold.

Saracen Cycles Ltd shall not be responsible for incidental or consequential damage or loss. The user assumes the risk for any and all personal injury or damage of the bicycle, or other losses if Saracen bicycles are used at any time in any competitive event (including bicycle racing, dirt biking, freestyle or similar activities or training for such activities).

Claims must be made through an authorised dealer.

Saracen Cycles' policy is one of continuous improvement; therefore specifications may be changed, without prior notice.

Mountain bikes although tough are not indestructible. Excessively rough use may result in damage to your machine or you - take care and always wear an approved helmet. Optimum riding performance depends on having your bike serviced regularly at your Saracen dealer.



Pictured at our Warwickshire headquarters is the 1992 Saracen workforce. From the accounts department to the salesman, technical staff and mechanics, every member of the entire team has had a significant role in the production of this year's exceptional mountain bike range.

YOUR LOCAL SARACEN DEALER

SARACEN

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