SARACEN

SERIOUS MOUNTAIN BIKES

HIGH PERFORMANCE COMPETITION

THE 1995 SARACEN COMPETITION RANGE: Leading edge race technology allied to stringent quality control in both materials and workmanship — witness another bumper season for the Saracen Race Team, who also fulfil a valuable role by testing and reporting on the performance of Saracen bikes under the most demanding conditions. The result is a new High Performance Competition Range which offers even greater potential to the rider along with even better value for money. This year's flagship model is a superbly specified brand new dual suspension downhill racer. Developed by Saracen together with Formula One, the world's leading monocoque carbon fibre technicians, the Kili F1 is testimony to our commitment to high end innovative design.

KILI F1



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a Monocoque frameset constructed from hand wrapped unidirectional carbon fibre
- **IMPACT ABSORBING FRONT SUSPENSION** by Pace RC-35 Monobox MD elastomer/hydraulic cartridge forks
- **OFF-ROAD COMPETITION PERFORMANCE** with racing componentry from Shimano's New for '95 XTR 24-speed group set
- **POSITIVE SHIFTING** through Gripshift's High Performance SRT 800X new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Hope Technology disc brake system
- **OFF-ROAD WHEEL PACK** with Mavic 217 SUP-UB control 32-hole rims hand built with Ritchey stainless DB spokes onto Hope Ti-Glide 32-hole QR hubs topped out with Ritchey Megabite Z-Max SC-WCS lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Pace Renthal downhill bars teamed with Ritchey Forcelite chromoly control stem and a Tioga alloy Competition Aheadset system
- **RIDER COMFORT** is provided by a Vetta TT Competition saddle with vanadium rails
- **SLEEK FRAME FINISH** in Natural Carbon
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SPECIAL EQUIPMENT:** Hope Technology disc brake system, Hope Technology titanium/alloy hubs, Ritchey titanium QR, Dia-Compe PC 11 brake levers, Bontrager carbon seat post, Royce titanium BB set, Ritchey SPD pedals, Pace Renthal downhill bars, titanium frame bolts, Ritchey Logic spokes and alloy nipples
- OPTIONS
  (i) **Bars:** Ritchey Prolite WCS cross country bars and Bar Ends
  (ii) **Shifting:** Shimano Deore XT STI shifting and brake levers

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SERIOUS MOUNTAIN BIKES

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OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed from Tange MTB lightweight chromoly/Prestige Concept double-butted custom frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive Comp heat treated ultra light chromoly forks
- **OFF-ROAD COMPETITION PERFORMANCE** with racing componentry from Shimano's New for '95 Deore LX
  24-speed group set
- **POSITIVE SHIFTING** through Gripshift's Competition SRT 600 new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's Deore LX 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Mavic 230 alloy 32-hole rims hand-built with stainless DB spokes onto Shimano Parallax Deore LX QR hubs topped out with Ritchey Megabite Z-Max Kevlar lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Ritchey Forcelite bars teamed with Ritchey Forcelite chrom Competition control stem, Onza lightweight bar en d a Tioga alloy Competition Aheadset system
- **RIDER COMFORT** is provided by a Vetta TT Competition saddle
- **SLEEK FRAME FINISH** in Silver by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SPECIAL EQUIPMENT:** Anti suck chain plate, Dia-Compe PC7 brake levers, Bontrager alloy seat post, titanium frame bolts
- **OPTIONS**
  (i) Suspension Forks: Manitou EFC, Rockshox Judy XC or Pace RC 35 XCS

KILI PRO



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed from Tange Prestige ultra light/ultra strong double-butted custom frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive Comp heat treated ultra light chromoly forks
- **OFF-ROAD COMPETITION PERFORMANCE** w racing componentry from Shimano's New for '95 Deore XT
  24-speed group set
- **POSITIVE SHIFTING** through Gripshift's High Performance SRT 800X new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's Deore XT 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Mavic 230 alloy 32-hole rims hand-built with Ritchey stainless DB spokes onto Shimano Parallax Deore XT QR hubs topped out with Ritchey Megabite Z-Max Kevlar lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Ritchey Complite bars teamed with Ritchey Forcelite chromoly Competition control stem, Onza lightweight bar ends and a Tioga alloy Competition Aheadset system
- **RIDER COMFORT** is provided by a Vetta TT Competition saddle
- **SLEEK FRAME FINISH** in Neon Orange by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SPECIAL EQUIPMENT:** Anti suck chain plate, Dia-Compe PC11 brake levers, Bontrager alloy seat post, titanium frame bolts, Ritchey Logic Spokes and alloy nipples
- **OPTIONS**
  (i) Suspension Forks: Manitou EFC, Rockshox Judy XC or Pace RC 35 XCS

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SERIOUS MOUNTAIN BIKES

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OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed from Ritchey Logic ultra lightweight frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive Comp heat treated ultra light chromoly forks
- **OFF-ROAD COMPETITION PERFORMANCE** with racing componentry from Shimano's New for '95 Deore XT/XTR 24-speed group set
- **POSITIVE SHIFTING** through Gripshift's High Performance SRT 800X new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's Deore XT 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Mavic 217 SUP-UB control 32-hole rims hand-built with Ritchey stainless DB spokes onto Hope Ti-Glide 32 hole QR hubs topped out with Ritchey Megabite Z-Max SC-WCS lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Ritchey Prolite WCS bars teamed with Ritchey Forcelite chromoly Competition control stem, Ritchey Logic Pro WCS bar ends and a Tioga alloy Competition Aheadset system
- **RIDER COMFORT** is provided by a Vetta TT Competition saddle with vanadium rails
- **SLEEK FRAME FINISH** in Neon Yellow by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SPECIAL EQUIPMENT** Shimano XTR rear mech, Hope titanium/alloy hubs, Ritchey titanium QR, Dia-Compe PC 11 brake levers, anti suck chain plate, Ritchey SPD pedals, Bontrager carbon seat post, titanium frame bolts, Ritchey Logic Spokes and alloy nipples
- **OPTIONS**
  (i) Suspension Forks: Manitou EFC, Rockshox Judy XC or Pace RC 35 XCS
  (ii) Shifting: Shimano Deore XT STI shifting and brake levers



KILI ULTRA

OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed totally from Aerospace Grade TI 3AL 2.5V titanium - the ultimate frame material
- **DIRECTIONAL CONTROL** through Saracen's Max Drive T-Comp Aerospace Grade TI 3AL 2.5V titanium fork
- **OFF-ROAD COMPETITION PERFORMANCE** with racing componentry from Shimano's New for '95 Deore XT/XTR 24-speed group set
- **POSITIVE SHIFTING** through Gripshift's High Performance SRT 800X new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's Deore XT 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Mavic 217 SUP-UB control 32-hole rims hand built with Ritchey stainless DB spokes onto Hope Ti-Glide 32 hole QR hubs topped out with Ritchey Megabite Z-Max SC-WCS lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Ritchey Prolite WCS bars teamed with Ritchey Forcelite chromoly Competition control stem, Ritchey Logic Pro WCS bar ends and a Tioga Alloy Competition Aheadset system
- **RIDER COMFORT** is provided by a Vetta TT Competition saddle with vanadium rails
- **SLEEK FRAME FINISH** in Natural Titanium
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SPECIAL EQUIPMENT** Shimano XTR rear mech, Hope titanium/alloy hubs, Ritchey titanium QR, Dia-Compe PC 11 brake levers, anti suck chain plate, Ritchey SPD pedals, USE titanium seat post, Royce titanium BB set, titanium frame bolts, Ritchey Logic spokes and alloy nipples
- **OPTIONS**
  (i) Suspension Forks: Manitou EFC, Rockshox Judy XC or Pace RC 35 XCS
  (ii) Shifting: Shimano Deore XT STI shifting and brake levers



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SERIOUS MOUNTAIN BIKES

SPECIFICATIONS COMPETITION

MODEL	KILI COMP	KILI PRO	KILI FLYER	KILI ULTRA	KILI F1
SIZE	15.5", 17", 19"	15.5", 17", 19"	15.5", 17", 19"	15.5", 17", 19"	One size
COLOUR	Silver Polyester Powder Coat	Neon Orange Polyester Powder Coat	Neon Yellow Polyester Powder Coat	Natural Titanium	Natural Carbon Fibre
AVERAGE WEIGHT	23.5 lbs (10.7 kilos)	22.75 lbs (10.3 kilos)	22.5 lbs (10.2 kilos)	20.5 lbs (9.3 kilos)	26 lbs (11.8 kilos)
FRAMESET					
FRAME	Tange MTB Mid-size lightweight Chromoly/Prestige Concept DB Frame Tubes Competition Geometry	Tange Prestige Ultra Light/Ultra Strong Mid-size DB Frame Tubes Competition Geometry	Ritchey Logic Ultra Lightweight Frame Tubes Competition Geometry	TI 3AL 2.5V Titanium Frame Tubes Competition Geometry	Carbon Fibre Monoque Construction with Marzocchi Rear Suspension
FORK	Saracen Max Drive Comp Heat Treated Chromoly	Saracen Max Drive Comp Heat Treated Chromoly	Saracen Max Drive Comp Heat Treated Chromoly	Saracen Max Drive T-Comp TI 3AL 2.5V Titanium	Pace RC 35 Monobox MD Suspension with Hydraulic Cartridge or Manitou EFC Suspension
HEADSET	Tioga Alloy Competition Aheadset	Tioga Alloy Competition Aheadset	Tioga Alloy Competition Aheadset	Tioga Alloy Competition Aheadset	Tioga Alloy Competition Aheadset
FRAME GEOMETRY (based on 17" frame)					
HEAD ANGLE	71°	71°	71°	71°	Special Downhill
SEAT ANGLE	74°	74°	74°	74°	Competition Geometry
CHAINSTAY LENGTH	419mm (16.5")	419mm (16.5")	419mm (16.5")	419mm (16.5")	
TOP TUBE LENGTH	565mm (22.25")	565mm (22.25")	565mm (22.25")	565mm (22.25")	
BB HEIGHT	300mm (11.8")	300mm (11.8")	300mm (11.8")	300mm (11.8")	
DRIVE TRAIN					
CRANKSET	Shimano Compact Deore LX 42-32-22	Shimano Compact Deore XT 44-32-22	Shimano Compact Deore XT 44-32-22	Shimano Compact Deore XT 44-32-22	Shimano XTR 46-36-26
BB SET	Shimano Cartridge BBUN51	Shimano Cartridge BBUN71	Shimano Cartridge BBUN71	Royce Titanium	Royce Titanium
PEDALS	VP 180 Alloy with clips & straps	VP 180 Alloy with clips & straps	Ritchey SPD	Ritchey SPD	Ritchey SPD
GEAR SYSTEM					
F/R DERAILLEURS	Shimano Deore LX Front Shimano Deore XT Rear	Shimano Deore XT Front Shimano Deore XT Rear	Shimano Deore XT Front Shimano XTR Rear	Shimano Deore XT Front Shimano XTR Rear	Shimano XTR Front Shimano XTR Rear
SHIFTERS	Gripshift SRT 600 Competition System	Gripshift SRT 800X Competition System	Gripshift SRT 800X Competition System	Gripshift SRT 800X Competition System	Gripshift SRT 800X Competition System
BRAKE SYSTEM					
BRAKES	Shimano Deore LX 'M' System	Shimano Deore XT 'M' System	Shimano Deore XT 'M' System	Shimano Deore XT 'M' System	Hope Disc System
LEVERS	Dia-Compe PC 7	Dia-Compe Competition PC 11	Dia-Compe Competition PC 11	Dia-Compe Competition PC 11	Dia-Compe Competition PC 11
WHEELS					
RIMS	Mavic 230 32H Titanium Finish	Mavic 230 32H Titanium Finish	Mavic 217 SUP UB Control 32H Titanium Finish	Mavic 217 SUP UB Control 32H Titanium Finish	Mavic 217 SUP UB Control 32H Titanium Finish
HUBS	Shimano Parallax 32H Deore LX QR	Shimano Parallax 32H Deore XT QR	Hope Ti-glide 32H with Ritchey WCS Titanium QR	Hope Ti-glide 32H with Ritchey WCS Titanium QR	Hope Ti-glide 32H with Ritchey WCS Titanium QR
CASSETTE	Shimano Deore LX 8-speed 11-28	Shimano Deore XT 8-speed 11-28	Shimano Deore XT 8-speed 11-28	Shimano Deore XT 8-speed 11-28	Shimano Deore XT 8-speed 11-28
SPOKES	Double-butted S/S	Ritchey Logic S/S with Alloy Nipples	Ritchey Logic S/S with Alloy Nipples	Ritchey Logic S/S with Alloy Nipples	Ritchey Logic S/S with Alloy Nipples
TYRES	Megabite Z-Max Kevlar 26 x 1.95"	Megabite Z-Max Kevlar 26 x 1.95"	Megabite Z-Max SC WCS 26 x 1.95"	Megabite Z-Max SC WCS 26 x 1.95"	Megabite Z-Max SC WCS 26 x 1.95""
BAR SYSTEM					
BARS	Ritchey Force Lite	Ritchey Comp Lite	Ritchey Pro Lite WCS	Ritchey Pro Lite WCS	Pace Renthal Downhill
BAR ENDS	Ritchey Expert	Ritchey Logic Pro WCS	Ritchey Logic Pro WCS	Ritchey Logic Pro WCS	
GRIPS	Gripshift	Gripshift	Gripshift	Gripshift	Gripshift
STEM	Ritchey Force Lite Chromoly Competition Control System	Ritchey Force Lite Chromoly Competition Control System	Ritchey Force Lite Chromoly Competition Control System	Ritchey Force Lite Chromoly Competition Control System	Ritchey Force Lite Chromoly Competition Control System
SEAT SYSTEM					
SADDLE	Vetta TT	Vetta TT	Vetta TT Vanadium	Vetta TT Vanadium	Vetta TT Vanadium
SEAT POST	Bontrager Alloy	Bontrager Alloy	Bontrager Carbon	USE Titanium	Bontrager Carbon

Warranty

Saracen Cycles has an excellent non-return record due to our bikes being 100% 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 forks are warranted for a period of 5 years (in the case of suspension forks, 1 year). The original components, other than the frame and forks, 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 re-assembly, maintenance or commercial hiring, normal wear and tear or installation of parts or accessories not originally intended for or incompatible with the bicycle as sold.

Saracen Cycles Ltd shall not be responsible for accidental 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, freestyling 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.

Frame Geometry

- Angles given are those based on a notional straight top tube.
- Saracen frame geometry is variable and angles and dimensions given are based on 17" frame size.
- Frame sizes are measured from centre of bottom bracket to centre point of top tube along the seat tube.
- Weight is a guide only. The weight shown is an average weight without pedals.

European Distributors

Germany — Delta-Sports GmbH
Mühlsteig 25, D-90579 Langenzenin, Germany
Tel: 09101 9202 • Fax: 09101 9200

Switzerland — Delta-Sports AG
Eichweg 4, 8154 Oberglatt, Switzerland
Tel: 01 850 64 65 • Fax: 01 850 64 88

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Hafnerplatz 5, A-3500 Krems, Austria
Tel: 027 32 81880 • Fax: 027 32 81880

YOUR SARACEN CONTACT IS:

RetroBIKE
If it's Old School It's in
Retro, Vintage and Classic Mountain, Road and BMX bikes

Designed and produced by PenUltimate Advertising Ltd 0181-995 1331

WORLD HEADQUARTERS
SARACEN CYCLES LTD Saracen House, Harriott Drive, Heathcote Industrial Estate, Warwick CV34 6TS. England. Tel: 01926 338427. Fax: 01926 451428.

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SERIOUS MOUNTAIN BIKES

SPORT RANGE

THE 1995 SARACEN SPORT RANGE: The product of state of the art technology and the pick of the world's componentry and materials, allied to traditional values of craftsmanship and expertise. Once again we have succeeded in combining world-beating performance with unbeatable value for money. Once again we have done it without compromising our reputation for high-class componentry, reliability, build quality and workmanship.

HARDTRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed with a Tange MTB chromoly butted custom main tube
- **DIRECTIONAL CONTROL** through Saracen's Max Drive tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 Altus C90 21-speed group set
- **POSITIVE SHIFTING** through Shimano's Altus trigger shifters with selector indicators
- **EFFICIENT STOPPING POWER** by Shimano's Altus braking system
- **OFF-ROAD WHEEL PACK** with Alesa alloy 36-hole rims hand-built onto Shimano Parallax Altus hubs topped out with Vee Rubber Directional tyres for powerful off-road grip
- **POSITIVE RESPONSIVE STEERING** with light Saracen bars teamed with a Saracen chromoly stem and headset
- **RIDER COMFORT** is provided by a Saracen Comfort System saddle
- **SLEEK FRAME FINISH** in Maracuja Blue or Black by Saracen's famous epoxy polyester powder coat finish — the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process

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SARACEN

SERIOUS MOUNTAIN BIKES

SPORT

BACKTRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed with a Tange MTB chromoly butted custom main tube
- **DIRECTIONAL CONTROL** through Saracen's Max Drive tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 Altus C90 /Acera-X 21-speed group set
- **POSITIVE SHIFTING** through Gripshift's MRX-100 new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's Altus braking system
- **OFF-ROAD WHEEL PACK** with Alesa alloy 36-hole rims hand-built onto Shimano Parallax Altus hubs topped out with Vee Rubber Directional tyres for powerful off-road grip
- **POSITIVE RESPONSIVE STEERING** with Saracen's light alloy bars teamed with a Saracen chromoly lightweight stem and a Tioga Avenger shake-proof headset
- **RIDER COMFORT** is provided by a Saracen Comfort System saddle
- **SLEEK FRAME FINISH** in Neon Green or Black by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process

FORCETRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed out of Tange MTB chromoly butted custom main frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive chromoly super-light tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 Acera-X/Alivio 21-speed group set
- **POSITIVE SHIFTING** through Shimano Altus Rapidfire TX trigger shifters with selector indicators
- **EFFICIENT STOPPING POWER** by Shimano's Altus 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Alesa alloy 32-hole rims hand-built onto Shimano Parallax Acera-X QR hubs topped out with Ritchey Z-Max performance tyres
- **POSITIVE RESPONSIVE STEERING** with Saracen's light alloy bars teamed with Saracen's chromoly lightweight stem, bar ends and a Tioga Avenger shake-proof headset
- **RIDER COMFORT** is provided by a Saracen Comfort System saddle
- **SLEEK FRAME FINISH** in Ocean Blue or Black by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process

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SARACEN

SERIOUS MOUNTAIN BIKES

SPORT

TERRATRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed out of Tange MTB chromoly double-butted custom main frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive chromoly super-light tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 Acera-X/Alivio 21-speed group set
- **POSITIVE SHIFTING** through Shimano Acera-X Rapidfire Plus trigger shifters with selector indicators
- **EFFICIENT STOPPING POWER** by Shimano's Acera-X 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Alesa alloy 32-hole rims hand-built onto Shimano Parallax Acera-X QR hubs topped out with Ritchey Z-Max performance tyres
- **POSITIVE RESPONSIVE STEERING** with Saracen's light alloy bars teamed with Saracen's chromoly lightweight stem, bar ends and a Tioga Avenger shake-proof headset
- **RIDER COMFORT** is provided by a Saracen Sport Comfort System saddle
- **SLEEK FRAME FINISH** in Iris Blue by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process

POWERTRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed out of Tange MTB chromoly double-butted custom main frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive chromoly super-light tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 Alivio 21-speed group set
- **POSITIVE SHIFTING** through Shimano Alivio Rapidfire Plus trigger shifters with selector indicators
- **EFFICIENT STOPPING POWER** by Shimano's Alivio 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Alesa alloy 32-hole rims hand-built onto Shimano Parallax Alivio QR hubs topped out with Ritchey Z-Max performance tyres
- **POSITIVE RESPONSIVE STEERING** with Saracen's light alloy bars teamed with Saracen's ultra light chromoly control stem, bar ends and a Dia-Compe Aheadset system
- **RIDER COMFORT** is provided by a Saracen Sport Comfort System saddle
- **SLEEK FRAME FINISH** in Neon Purple by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process

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SERIOUS MOUNTAIN BIKES

SPORT

TUFFTRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed out of Tange MTB chromoly double-butted custom frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive chromoly super-light tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 STX 21-speed group set
- **POSITIVE SHIFTING** through Gripshift's SRT 400i new indexed handlebar control
- **EFFICIENT STOPPING POWER** by Shimano's STX 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Bontrager BCX3 alloy 32-hole rims hand-built with stainless spokes onto Shimano Parallax STX QR hubs topped out with Ritchey Z-Max Kevlar lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Saracen's light alloy bars teamed with Saracen's ultra light chromoly control stem, bar ends and a Dia-Compe Aheadset system
- **RIDER COMFORT** is provided by a Vetta SP saddle
- **SLEEK FRAME FINISH** in Rosso Red by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SUSPENSION FORK OPTION:** Manitou Comp

PROTRAX



OUTSTANDING FEATURES AND RIDER BENEFITS

- **LIGHTNESS AND RIGIDITY** from a frameset constructed out of Tange MTB chromoly double butted custom frame tubes
- **DIRECTIONAL CONTROL** through Saracen's Max Drive chromoly super-light tapered front fork
- **OFF-ROAD PERFORMANCE** with componentry from Shimano's New for '95 STX-RC High Performance 21-speed group set
- **POSITIVE SHIFTING** through Shimano's STX-RC Rapidfire Plus trigger shifters with selector indicators
- **EFFICIENT STOPPING POWER** by Shimano's STX-RC 'M' System brakes
- **OFF-ROAD WHEEL PACK** with Bontrager BCX3 alloy 32-hole rims hand-built with stainless spokes onto Shimano Parallax STX QR hubs topped out with Ritchey Z-Max Kevlar lightweight performance tyres
- **POSITIVE RESPONSIVE STEERING** with Ritchey Force Lite alloy bars teamed with Ritchey light chromoly control stem, Ritchey bar ends and a Dia-Compe Aheadset system
- **RIDER COMFORT** is provided by a Vetta SP saddle
- **SLEEK FRAME FINISH** in Racing Green by Saracen's famous epoxy polyester powder coat finish - the toughest in the industry
- **ATTENTION TO DETAIL:** The hallmark of every Saracen with our renowned quality control systems right through to our final hand-building process
- **SUSPENSION FORK OPTION:** Manitou Comp

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SERIOUS MOUNTAIN BIKES

SPECIFICATIONS

SPORT RANGE

MODEL	HARDTRAX	BACKTRAX	FORCETRAX	TERRATRAX	POWERTRAX	TUFFTRAX	PROTRAX	PROTRAX SE	DIRTRAX
SIZE	14.5"/15.5"/17"/19"/21" Ladies 17"	14.5"/15.5"/17"/19"/21"	14.5"/15.5"/17"/19"/21"	14.5"/15.5"/17"/19"	14.5"/15.5"/17"/19"	15.5"/17"/19"	15.5"/17"/19"	15.5"/17"/19"	13" 24" wheel
COLOUR (POLYESTER POWDER COAT)	Maracuja Blue or Jet Black	Neon Green or Jet Black	Ocean Blue or Jet Black	Iris Blue	Neon Purple	Rosso Red	Racing Green	Racing Green	Neon Orange
AVERAGE WEIGHT	28.5 lbs (12.95 kilos)	28 lbs (12.73 kilos)	27.75 lbs (12.6 kilos)	27.5 lbs (12.5 kilos)	26.5 lbs (12 kilos)	25.5 lbs (11.6 kilos)	25 lbs (11.35 kilos)	24.5 lbs (11.14 kilos)	28 lbs (12.73 kilos)
FRAMESET									
FRAME	Tange MTB Chromoly Butted Custom Main Tube	Tange MTB Chromoly Butted Custom Main Tube	Tange MTB Chromoly Butted Custom Main Tubes	Tange MTB Chromoly DB Custom Main Tubes	Tange MTB Chromoly DB Custom Main Tubes	Tange MTB Chromoly DB Custom Frame Tubes	Tange MTB Chromoly DB Custom Frame Tubes	Tange MTB Chromoly DB Custom Frame Tubes	Tange MTB Chromoly DB Custom Main Tubes
FORK	Saracen Max Drive	Saracen Max Drive	Saracen Max Drive Super Light Tange Chromoly	Saracen Max Drive Super Light Tange Chromoly	Saracen Max Drive Super Light Tange Chromoly	Saracen Max Drive Super Light Tange Chromoly	Saracen Max Drive Super Light Tange Chromoly	Saracen Max Drive Super Light Tange Chromoly	Max Shock Elastomer Suspension System
HEADSET	Saracen Threaded	Tioga Avenger Threaded	Tioga Avenger Threaded	Tioga Avenger Threaded	Dia-Compe Aheadset System	Dia-Compe Aheadset System	Dia-Compe Aheadset System	Dia-Compe Aheadset System	Dia-Compe Aheadset System
FRAME GEOMETRY (based on 17" frame)									
HEAD ANGLE	71°	71°	71°	71°	71°	71°	71°	71°	69°
SEAT ANGLE	74°	74°	74°	74°	74°	74°	74°	74°	72°
CHAINSTAY LENGTH	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	425 mm (16.75")	410 mm (16.15")
TOP TUBE LENGTH	560 mm (22")	560 mm (22")	560 mm (22")	560 mm (22")	560 mm (22")	560 mm (22")	560 mm (22")	560 mm (22")	500 mm (19.7")
BB HEIGHT	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	292 mm (11.5")	280 mm (11")
DRIVE TRAIN									
CRANKSET (SHIMANO)	Altus C 90 Compact Drive 38-32-24	Altus C 90 Compact Drive 38-32-24	Altus C 90 Compact Drive 38-32-24	Acera-X Compact Drive 42-34-24	Alivio Compact Drive 42-34-24	STX Compact Drive 42-34-24	STX-RC Compact Drive 42-32-22	Deore LX Compact Drive 42-32-22	MJ Compact Drive 42-34-24
BB SET (SHIMANO)	Cartridge CT 90	Cartridge CT 90	Cartridge LP 25	Cartridge LP 25	Cartridge LP 25	Cartridge LP 25	Cartridge UN 51	Cartridge UN 51	Cartridge LP 20
PEDALS	VP893	VP515S	VP515S with clips and straps	VP515S with clips and straps	VP515S with clips and straps	VP515A with clips and straps	VP195A with clips and straps	VP195A with clips and straps	SF31
GEAR SYSTEM									
F/R DERAILLEURS (SHIMANO)	Altus C 90 Top Swing & C 90 Rear	Altus C 90 Top Swing & Acera-X Rear	Acera-X Top Swing & Alivio Rear	Acera-X Top Swing & Alivio Rear	Alivio Top Swing & Alivio Rear	STX	STX-RC	Deore LX	MJ
SHIFTERS	Shimano Altus C 90	Gripshift MRX-100	Shimano Altus C 90 Rapidfire TX	Shimano Acera-X Rapidfire Plus	Shimano Alivio Rapidfire Plus	Gripshift SRT 400i	Shimano STX-RC Rapidfire Plus	Gripshift SRT 600 Competition System	Gripshift SRT 200i Juvenile
BRAKE SYSTEM									
BRAKES (SHIMANO)	Altus C 90	Altus C 90	Altus 'M' System	Acera-X 'M' System	Alivio 'M' System	STX 'M' System	STX-RC 'M' System	Deore LX 'M' System	MJ 'M' System
LEVERS	Shimano 2-finger	Shimano 2-finger	Shimano 2-finger	Shimano 2-finger Acera-X	Shimano 2-finger Alivio	Dia-Compe 2-finger PC 7	Shimano 2-finger STX-RC	Dia -Compe 2-finger PC 7	Tektro 2-finger
WHEELS									
RIMS	Alesa 4019 Alloy 36H	Alesa 4019 Alloy 36H	Alesa 4019 Alloy 32H	Alesa 4019 Alloy 32H	Alesa 4019 Alloy 32H	Bontrager BCX 3-32H	Bontrager BCX 3-32H	Bontrager BCX 3-32H	Alesa 4019 Alloy 24" - 36H
HUBS (SHIMANO)	Parallax Altus C 90 QR front, nut rear	Parallax Altus C 90 QR front, nut rear	Parallax Acera-X QR	Parallax Acera-X QR	Parallax Alivio QR	Parallax STX QR	Parallax STX-RC QR	Parallax Deore LX QR	MJ Parallax nut
CASSETTE (SHIMANO)	HG-30 7-speed 11-28	HG-30 7-speed 11-28	HG-30 7-speed 11-28	HG-50 7-speed 11-28	IG-50 7-speed 11-28	IG-50 7-speed 11-28	IG-50 7-speed 11-28	Deore LX 8-speed 11-28	HG-50 6-speed 12-24
SPOKES	Rustless 14G	Rustless 14G	Rustless 14G	Rustless 14G	Rustless 14G	Stainless 14G	Stainless 14G	Stainless 14G	Rustless 14G
TYRES	Vee Rubber Directional 26 x 1.95"	Vee Rubber Directional 26 x 1.95"	Ritchey Z-Max 26 x 1.95"	Ritchey Z-Max 26 x 1.95"	Ritchey Z-Max 26 x 1.95"	Ritchey Z-Max Kevlar 26 x 1.95"	Ritchey Z-Max Kevlar 26 x 1.95"	Ritchey Z-Max Kevlar 26 x 1.95"	Vee Rubber Directional 24 x 1.95"
BAR SYSTEM									
BARS	Saracen Steel	Saracen Alloy	Saracen Alloy	Saracen Alloy	Saracen Alloy	Saracen Alloy	Ritchey Force Lite	Ritchey Force Lite	Saracen Alloy
BAR ENDS			Saracen	Saracen	Saracen	Saracen	Ritchey	Ritchey	
GRIPS	Ergo Ring	Gripshift	Ergo Ring	Ergo Ring	Ergo Ring	Gripshift	Ergo Ring	Gripshift	Gripshift Juvenile
STEM	Saracen Chromoly	Saracen Light-Weight Chromoly	Saracen Light-Weight Chromoly	Saracen Light-Weight Chromoly	Saracen Ultra Light Chromoly Control System	Saracen Ultra Light Chromoly Control System	Ritchey Force Lite Chromoly Control System	Ritchey Force Lite Chromoly Control System	Ultra Light Chromoly Control System
SEAT SYSTEM									
SADDLE	Saracen Comfort System	Saracen Comfort System	Saracen Comfort System	Saracen Sport Comfort System	Saracen Sport Comfort System	Vetta SP	Vetta SP	Vetta SP	Saracen Comfort System
SEAT POST	Saracen Alloy Micro Adjust	Saracen Alloy Micro Adjust	Saracen Alloy Micro Adjust	Saracen Alloy Micro Adjust	Saracen Alloy Micro Adjust	Saracen Super Light Alloy Micro Adjust	Saracen Super Light Alloy Micro Adjust	Saracen Super Light Alloy Micro Adjust	Saracen Alloy Micro Adjust

Warranty

Saracen Cycles has an excellent non-return record due to our bikes being 100% 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 forks are warranted for a period of 5 years (in the case of suspension forks, 1 year). The original components, other than the frame and forks, 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 re-assembly, maintenance or commercial hiring, normal wear and tear or installation of parts or accessories not originally intended for or incompatible with the bicycle as sold.

Saracen Cycles Ltd shall not be responsible for accidental 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, freestyling 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.

Frame Geometry

- Angles given are those based on a notional straight top tube.
- Saracen frame geometry is variable and angles and dimensions given are based on 17" frame size.
- Frame sizes are measured from centre of bottom bracket to centre point of top tube along the seat tube.
- Weight is a guide only. The weight shown is an average weight without pedals.

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