

Kestrel

2005



technology+
advanced thinking





Kestrel isn't a carbon fiber company. We're a performance company, with the goal of building the best-performing bicycles the world has ever seen.

Kestrel made history in 1987, with the world's first all-carbon bicycle frame. For the first time, bicycle design broke away from the constraints of metal tubing technology. We were the first to apply carbon engineering principles to bike design, elevating bicycle performance by taking advantage of carbon's unique properties—the highest stiffness-to-weight, greatest strength-to-weight, lowest density and best shock-damping of all frame materials—and cycling has never been the same.

Kestrel frames are torsionally stiff for out-of-the-saddle power and high-speed handling precision. They're laterally rigid for smooth power transfer to the rear wheel, for predictable cornering. And they're vertically compliant for that smooth, all-day ride that makes long days in the saddle flash by in a blur of perfection.

We're proud of being the first company to realize carbon's potential to elevate cycling performance. We're prouder still of the fact that Kestrel continues to make the most well-engineered, technically advanced frames on the planet.

Ride one, and see.

Evoke

This is our hardcore roadie, bred for speed with a one-piece monocoque front triangle that gives outstanding out-of-the-saddle performance and superb, razor-sharp cornering precision. It's 2.4 pounds of carbon perfection.



Red/Weave Evoke,
Dura-Ace STI build.



■ Metallic
■ Black/Silver
Evoke,
Ultegra STI
Deluxe build.

Talon

The Talon is perfect for time trials and road races. Its stiff, one-piece monocoque front triangle and sculpted, aerodynamically smooth shape make it an absolute bullet—yet its super-tuned ride makes it ideal for long days and centuries. It's our most versatile ride, and our most affordable carbon speedster.



Midnight Blue Talon,
Ultegra STI build



Gold Pearl
Talon,
Dura-Ace
STI build

Talon SL



The Talon SL is pure pro-caliber—aerodynamically designed and structurally optimized for 800k high-modulus carbon. Get the Talon's hyper-tuned ride, brutal sprinting and climbing efficiency in an ultralight 2.4-pound frame.

Carbon Weave Talon SL,
Ultegra STI Deluxe build

Red Platinum
Talon SL,
Dura-Ace
STI build,
Ksyrium SL
wheels





The bike leg isn't just another time trial, any more than triathletes are simply athletes. The bike is one long, fast transition between the swim and run, and that's why you need a tri-specific bike.

It takes more than aerodynamics to make a real tri bike. You need geometry that works the muscles properly to preserve energy for the run. And you need stable geometry that makes crosswind control issues a thing of the past.

We know triathlon. Kestrels have won races the world over, at every distance, from Kona to Australia and Europe. If we can power pros like Chris McCormack and Wendy Ingraham, think what we can do for you.

Airfoil Pro

Red-Yellow-Pearl Airfoil Pro, Dura-Ace Aero build, Ksyrium SL wheels



The Airfoil Pro is one of the most aerodynamically slippery shapes to hit the wind tunnel—or the lava fields. Tri geometry puts you in a power position for blistering fast bike splits that won't sap your legs for the run, with a phenomenally smooth ride. 650c or 700c wheels, proportioned by frame size, offer improved speed and control.

Carbon Weave
Airfoil Pro,
Ultegra Aero
Deluxe build



Talon

Aero

The Talon draws on the aerodynamic lessons of our legendary KM40, with a slippery aero shape and forward-set post that puts the saddle squarely in the power zone, with a cockpit length optimized for aero bars. Mass start and time trial-legal, for tri and road competition.



Gold Pearl Talon,
Ultegra Aero build

Midnight Blue
Talon, Ultegra
Aero build



Talon SL

Aero



Red Platinum Talon SL,
Dura-Ace Aero build

The Talon SL is a supercharged version of our race-winning Talon. High-modulus carbon in an optimized layup give the SL the same structural rigidity, with less weight. The bike of choice for top pros like Macca, Wendy Ingraham and Alex Taubert. Mass start and time trial-legal, for tri and road competition.

◆ Chris McCormack and the Talon SL winning the 2004 IM-Australia



Edge

The Edge combines Kestrel's leading-edge composites know-how with the proven FSR 4-bar linkage rear suspension for cross-country performance and off-road versatility. Experience amazing torsional stiffness, aggressive handling and proven off-road performance from an all-carbon structure.

Red Edge, XT build, 3.5" setting w/FOX Float Fork

Black Edge, XT build, 4.5" setting w/fox Vanilla fork



Handlebars Phenomenal stiffness and amazing shock damping provide powerful sprinting and climbing performance with a ride that won't beat you up. One-piece molded design, continuous fiber runs from end to end and superior strength. Lifetime and No-Fault Warranties.

Model	Clamp Diameter	Materials	Sizes (Weights)
EMS Pro	26.0mm	700k carbon/aramid	40cm (210g), 42cm (215g), 44cm (220g), 46cm (225g)
EMS Pro/OS	31.8mm	700k carbon/aramid	40cm (215g), 42cm (220g), 44cm (225g), 46cm (230g)
EMS Pro/SL	26.0mm	800k carbon/aramid	40cm (175g), 42cm (180g), 44cm (185g)
EMS Pro SL/OS	31.8mm	800k carbon/aramid	40cm (180g), 42cm (185g), 44cm (190g)



Forks Kestrel has the most refined, evolved carbon fork designs in the business (we invented the carbon fork, after all). Patented one-piece carbon lowers provide tremendous lateral stiffness for powerful cornering response and control. Lifetime and No-Fault Warranties.

Model	Wheel Size	Steerer	Materials
EMS Pro	700c	1" (25.4 x 310mm)	one piece carbon lowers, CrMo steerer
EMS Pro/OS	700c	1-1/8" (31.8 x 310mm)	one piece carbon lowers, 7050 alloy steerer
EMS Pro/650	650c	1" (25.4 x 310mm)	one piece carbon lowers, CrMo steerer
EMS Pro 650/OS	650c	1-1/8" (31.8 x 310mm)	one piece carbon lowers, 7050 alloy steerer, integrated
EVOKE	700c	1-1/8" (31.8 x 310mm)	one piece carbon lowers, 7050 alloy steerer, integrated
Airfoil Pro	650c/700c	1-1/8" (31.8 x 310mm)	one piece carbon lowers, 7050 alloy steerer, integrated

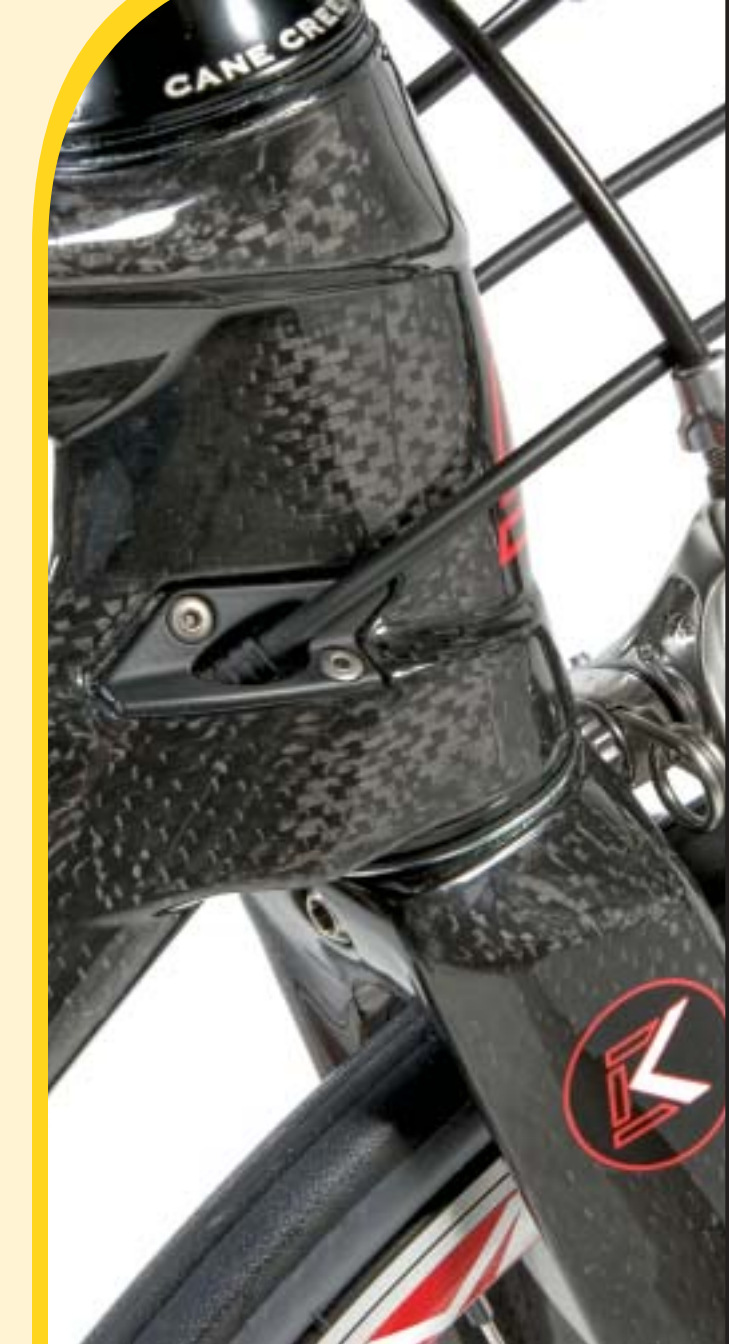


Let 'em know what you're riding with our team apparel. Like our bikes, this is top-quality stuff—Castelli/Squadra shorts, high-performance Verge Sports wicking jersey and shorts, plus limited-edition items like microfiber vests.

A selection of high-quality t-shirts and caps let you fly the colors away from the bike. We've even got a slick stainless steel coffee mug, for showing off your true allegiance around the office. And don't forget a shop banner for the garage (or, if you're daring, the living room).

See www.kestrel-usa.com for the most-current availability and sizing, and the location of your nearest Kestrel dealer.





FRAME SPECIFICATIONS

Evoked, Evoked SL

Size, center-center	47	50	52	54	56	59	62 cm
Standover	72.2	74.1	75.8	77.5	79.3	82.4	85.2 cm
Top Tube	50.0	52.0	53.5	55.0	56.5	58.7	60.5 cm
Head Angle	72.00	72.50	72.75	73.00	73.25	73.75	74.00 degrees
Seat Angle	75.50	75.00	74.25	73.50	73.00	72.75	72.50 degrees
BB Height	10.3	10.3	10.4	10.4	10.4	10.5	10.5 in
Chain Stay	41.0	41.0	41.0	41.0	41.0	41.0	41.0 cm
Head Tube Length	90	103	118	134	152	182	210 mm
Fork Rake	4.8	4.8	4.8	4.3	4.3	4.3	4.3 cm
Drop	7.3	7.3	7.1	7.1	7.1	6.8	6.8 cm
Trail	5.8	5.5	5.4	5.7	5.6	5.3	5.1 cm
Front Center	56.2	57.5	58.2	58.3	59.0	60.5	61.7 cm
Wheelbase	96.0	97.4	98.1	98.2	99.0	100.6	101.8 cm

Talon, Talon SL

Size, center-center	48	52	55	57	60 cm
Standover	74.2	76.5	79.1	81.2	83.9 cm
Top Tube	51.0	53.3	55.6	57.0	59.5 cm
Head Angle	72.25	73.00	73.25	73.50	74.00 degrees
Seat Angle	75.25	74.50	73.50	73.00	72.50 degrees
BB Height	10.4	10.4	10.4	10.5	10.5 in
Chain Stay	41.0	41.0	41.0	41.0	41.0 cm
Head Tube Length	90	102	129	149	176 mm
Fork Rake	4.3	4.3	4.3	4.3	4.3 cm
Drop	7.1	7.1	7.1	6.8	6.8 cm
Trail	6.2	5.8	5.6	5.4	5.1 cm
Front Center	56.3	57.5	58.6	59.3	60.8 cm
Wheelbase	96.3	97.4	98.6	99.4	100.8 cm

Airfoil Pro

Size, center-center	47	50	52	54	56	59 cm
Standover	69.0	71.8	73.7	75.5	77.5	80.4 cm
Top Tube	49.0	51.0	52.5	54.5	56.0	57.5 cm
Head Angle	72.25	72.50	72.75	73.00	73.25	73.50 degrees
Seat Angle	78.00	77.50	77.00	76.50	76.00	76.00 degrees
BB Height	10.4	10.4	10.4	10.4	10.5	10.5 in
Chain Stay	39.0	39.0	39.0	40.6	40.6	40.6 cm
Head Tube Length	76	105	123	92	113	142 mm
Wheel Size	650c	650c	650c	700c	700c	700c
Fork Rake	3.4	3.4	3.4	4.3	4.3	4.3 cm
Drop	4.5	4.5	4.5	7.0	6.8	6.8 cm
Trail	6.4	6.2	6.1	5.7	5.6	5.4 cm
Front Center	56.3	57.9	58.9	60.7	61.6	63.0 cm
Wheelbase	94.8	96.4	97.4	100.2	101.3	102.7 cm

Edge

Size, center-center	16	18	20 in
Standover	29.5	29.5	29.5 in
Top Tube	22.5	23.4	24.2 in
Head Angle	71.0	71.0	71.0 degrees
Seat Angle	73.0	73.0	73.0 degrees
Bottom Bracket Height	12.8	12.8	12.8 in
Chain Stay	16.8	16.8	16.8 in
Head Tube Length	4.8	5.1	5.6 in
Front Center	24.6	25.5	26.4 in
Wheelbase	41.3	42.3	43.2 in

Evoked, Evoked SL

Fork	Evoked 1-1/8", integrated
Front der.	braze-on
Bottom bracket	68mm, English
Seatpost diam.	32.4mm
Construction	modular monocoque
Material	
Evoked	700k carbon fiber
Evoked SL	800k high-modulus carbon fiber
Frame weights	
Evoked	2.4 lbs
Evoked SL	2.1 lbs

Talon, Talon SL

Fork	EMS Pro/OS 1-1/8"
Front der.	braze-on
Bottom bracket	68mm, English
Seatpost diam.	27.2mm round or Kestrel Aero
Construction	modular monocoque
Material	
Talon	700k carbon fiber
Talon SL	800k high-modulus carbon fiber
Frame weights	
Talon	2.9 lbs
Talon SL	2.4 lbs

All frames have Lifetime and No-Fault Warranties.

Airfoil Pro

Fork	Airfoil Pro 1-1/8", integrated
Front der.	braze-on
Bottom bracket	68mm, English
Seatpost diam.	27.2mm
Construction	modular monocoque airfoil
Material	700k carbon fiber
Frame weight	3.2 lbs

Edge

Front der.	plate mount, E-style, top-pull
Bottom bracket	68mm, English
Seatpost diam.	31.6mm
Construction	monocoque mainframe, full-carbon rear triangle
Material	700k carbon fiber/aramid
Frame weight	5.5 lbs w/shock
Rear travel	3.5, 4.5 in