



# *Kestrel*

2007





# ABSOLUTE PERFECTION

The bicycle is history's most focused, purpose-built machine—continuously refined, engineered and honed for more than a century. This is the latest chapter. Twenty years ago steel was the norm. Aluminum was an exotic material. And Kestrel launched the first all-carbon bike. We didn't just raise the bar. We rewrote the entire book on performance, redefining everything about the bicycle: weight, stiffness, efficiency and even the form of the bicycle itself.

This year's Kestrels build on that 20-year legacy. From our all-new RT700 to the freshly minted Evoke SL, from Chris McCormack's Airfoil Pro through the rest of our lineup, these bikes reflect every ounce of hard-fought experience we have.

We have the most experienced carbon engineering team in cycling, and it shows in every way. From the big-picture stuff like optimized carbon layup schedules to the small details like custom cable guides and dropouts, nobody does it better. Because nobody else can.

*Speed is an absolute. And Kestrel is the absolute authority.*

## GROW WINGS THIS YEAR.

### Road

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NEW FOR 07

## ENGINEERED PRECISION

The all-new RT700 is the zenith of 20 years of production carbon experience. All the Kestrel hallmarks are there—superb stiffness, superior strength, durability and aerodynamics, road-smoothing ride and precise handling—in a new sexy package.

### DETAIL-ENGINEERED

- » Sculpted, H-shape seatstays are tuned to damp vibration, so less road buzz reaches the saddle
- » Oversize cable exit ports for simplified internal cable routing
- » Precision-tuned fork for cutting fast downhill bends or criterium corners



Copper Blaze/Silver

## THE POWER PICTURE

- » Constantly varying tube sections and optimized shapes throughout, for increased torsional rigidity and bottom bracket stiffness
- » Semi-sloping top tube for lower center of gravity and stiffer main triangle
- » Structurally optimized one-piece Modular Monocoque main triangle
- » Size-specific, proportionally scaled tube and junction profiles for consistent ride quality and superior stiffness in every size



RT100  
» CARBON

ROAD

### DETAILS

- > Full internal cable routing
- > Model-specific RT Carbon aero seatpost (adaptable to standard 27.2mm post)
- > Semi-integrated headset for a low profile, optimal stiffness and full replaceability

## 20 Years of Carbon Fiber Exploration

We didn't just break the mold when we built that first Kestrel 4000—we built the very first mold for an all-carbon frame. And followed up with a string of firsts including the first carbon fork, the first high-modulus carbon frame, and the toughest test standards, exceeding every industry benchmark. All in the never-ending pursuit of engineered perfection.



NEW FOR 07

## ENGINEERED SPEED

RT700 leverages Kestrel's unmatched carbon know-how for a superior riding experience. We sweat every detail from dropout to dropout—no other bicycle is designed by more experienced engineers, and it shows. Size-specific tuning optimizes the ride for every size, so you get the same precise handling and road-smoothing ride regardless of who you are, or where you ride.

### RT700 BUILDS

#### SRAM FORCE

- » 10-speed gear selection with DoubleTap shifter technology
- » Force carbon cranks and levers

#### SHIMANO DURR-ACE

- » The TdF-proven performance standard
- » Standard and compact (50/36T) chainring options

#### SHIMANO ULTEGRA

- » The most bang for the buck
- » Standard and compact (50/36T) chainring options



**Carbon**  
Ultegra Build

## THE POWER PICTURE

- » Aero-sculpted and sleek, for solo breakaways
- » Reinforced bottom bracket and chainstays for power transfer
- » Dedicated fork, co-engineered with the frame for balanced handling feel and precision



**RT700**  
» **COPPER  
BLAZE/  
SILVER**

### DETAILS

- > Ultraclean rear brake cable exit integrated into seatpost binder
- > Proprietary, RT-exclusive dropouts and fork tips—no off-the-shelf parts here
- > Replaceable derailleur hanger

ROAD

# EVOKE AND SL

## TECHNICAL PERFECTION

Evoke is the ultimate no-compromises, take-no-prisoners road racer. Stiff and efficient, and in a full range of seven sizes, 47-62 cm, for perfect fit that maximizes your performance.

This year sees the production debut of the Evoke SL—same benchmark rigidity and brutally efficient power transfer, but crafted from high-modulus carbon that makes it a sub-kilo machine. It's a flyweight package with a heavyweight punch.



Evoke Carbon



Evoke Red  
Dura-Ace Build

### EVOKE SL: TOP OF THE LINE»

- » Taut, super-precise handling and response
- » Structurally integrated head tube, bottom bracket and rear dropouts for wicked-fast power transfer
- » Kestrel-exclusive 800ksi high-modulus carbon, for a flyweight frame that performs and rides like the benchmark EVOKE. Exactly.



## THE POWER PICTURE

- » Computer-optimized cross-sectional profiles and shapes throughout, for pedaling stiffness with ride compliance
- » Semi-sloping top tube for less material weight, improved stiffness and lower center of gravity
- » One-piece Modular Monocoque main triangle
- » Ride-tuned stays and fork, for perfect handling balance and feel



## DETAILS

- > Slotted cable stops
- > Quick-change dropouts for smooth wheel changes
- > Semi-integrated headset for a low profile, optimal stiffness and full replaceability

**EVOKE SL**  
»FIRESTORM

PRONTO

# EVOLVE AND SL

## MADE TO GO...FAST!

The perfect road-racing chassis deserves the ultimate buildup. Kitted out with our trusted, superlight carbon bars and the best components money can buy. No excuses, just pure go-fast technology.

### EVOKE SL BUILDS

#### SRAM FORCE

- » 10-speed gear selection with DoubleTap shifter technology
- » SRAM Force carbon cranks and levers

#### SHIMANO DURR-ACE

- » The TdF-proven performance standard
- » FSA SL-K carbon cranks
- » Standard and compact (50/36T) chainring options

### EVOKE BUILDS

#### SHIMANO DURR-ACE

- » The TdF-proven performance standard
- » FSA SL-K carbon cranks
- » Standard and compact chainring options

#### SHIMANO ULTEGRA

- » FSA Gossamer Pro cranks
- » Standard and compact (50/36T) chainring options



**Evoke SL Firestorm**  
SRAM Force Build

# TALON AND SL

ROAD

## DETAILED SPEED

Talon and Talon SL are the most versatile road frames on the planet—aero sleek, with geometry adaptable for road-racing or time-trialing via the dual-position aero seatpost. Incredibly fast and power-efficient, the Talon series gives you versatility without compromise.



Talon Red/Black



TALON SL  
» CARBON

## DETAILS

- > Structurally optimized aero sections throughout
- > Size-weighted layup schedules for uniform ride quality, regardless of size
- > Talon SL's high-modulus construction cuts grams, without cutting performance

# TALON

AND SL  
ROAD

## HYPERTUNED, HYPERFAST

In road-racing trim the Talon series is arguably the most aero frame you can legally race, an unfair advantage for solo breaks and bridging moves. Its layup of long, continuous fibers harnesses pedaling energy with ruthless efficiency—just the way you want to mow down the competition.

### TALON SL ROAD BUILDS

#### SHIMANO DURR-ACE

- » TdF-proven 10-speed performance
- » FSA SL-K carbon cranks, standard and compact (50/36T) chainring options

#### SHIMANO ULTEGRA

- » High-value high performance
- » FSA SL-K carbon cranks, standard and compact (50/36T) chainring options

### TALON ROAD BUILD

#### SHIMANO ULTEGRA

- » FSA Gossamer Pro cranks
- » Standard and compact (50/36T) chainring options

Alt Color—Red/Black



Copper Blaze

# TALON AND TALON SL AERO

FRONTSIDE

## AERO EXCELLENCE

With a forward-position post the Talon and Talon SL are time-trial rocketships, race-proven in time trials and campaigned by five-time Ironman Australia champ Chris McCormack. Efficient, with a supple ride that won't beat you up for the next race, whether it's another road stage or a running leg.

### TALON SL AERO BUILDS SHIMANO DURA-ACE AERO

- » Proven 10-speed performance and reliability
- » FSA Team Issue TT cranks, standard chainrings
- » Shimano Dura-Ace 7800 wheels

### SHIMANO ULTEGRA AERO

- » Proven 10-speed performance and reliability
- » FSA Team Issue TT cranks, standard chainrings
- » Shimano 561 wheels

### TALON AERO BUILD

#### SHIMANO ULTEGRA AERO

- » Bulletproof 10-speed reliability
- » FSA Gossamer Pro cranks, standard and compact (50/36T) chainring options
- » Shimano 550 wheels



TALON SL  
AERO BUILD  
»BLUE ICE

Alt Color—Carbon

# AIRFOIL PRO

## AERODYNAMIC SUPERIORITY

Airfoil Pro is all business, when it comes to speed. Its exclusive seattube-less shape means no other frame in the world puts so little obstruction between the rider's legs—it's the ultimate advantage for aero wheels, proven in wind tunnels and races the world over. Chris McCormack's ride of choice—ridden to victory by pros and age-graded champions the world over.

Eliminating the seat tube eliminates the turbulence—and the associated interference drag—between the rider's churning legs and the seat tube so it's sleeker and aerodynamically cleaner. It's Kestrel engineering theory, proven in the wind tunnel and out on the race course.

The side profile is engineered with a rearward aerodynamic center of pressure, for improved crosswind stability in an aggressive aero tuck. The narrow frontal area and generous projected side surfaces combine to reduce head-on drag while maximizing the sail effect in crosswinds, for the lowest overall drag in all conditions.



Yellow/Silver

## THE POWER PICTURE

- » Kestrel-exclusive seattube-less design for less total drag, as proven in the San Diego Low Speed Wind Tunnel
- » Aero downtube for optimized aerodynamics, with a structurally tuned transition to the bottom bracket to harness more power
- » Incredibly smooth ride leaves legs fresh for the run
- » Open fork doesn't crowd front wheel, maximizing aero benefits of aero wheelsets

### DETAILS

- > Full internal cable routing
- > Replaceable derailleur hanger
- > Semi-integrated headset for low aero profile and full replaceability



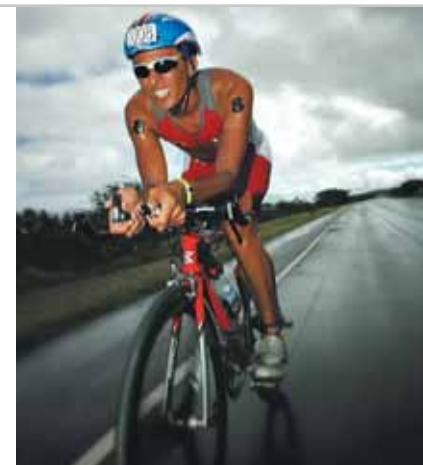
AIRFOIL  
PRO  
» CARBON

TRIATHLON

## Macca and Airfoil Pro: The Next Chapter

Chris McCormack is the most talented man in triathlon today—strong over everything from short courses to iron-distance races. He's built a tremendous record on his Talon SL, and now he's putting his stamp on racing history with the Airfoil Pro, starting out on his new bike with his third consecutive win at Quelle Challenge Roth, and fifth-straight Ironman Australia title. Kestrel and Macca lead the way.

*Tunnel-proven technology: Macca and the Airfoil Pro tested 2 minutes, 17 seconds faster per hour—enough for a 4.27-mile advantage after a 112-mile bike leg. THAT'S FLYING.*



# AIRFOIL PRO

## CLOCK-BEATING TECHNOLOGY

Airfoil Pro build packages let you get from T1 to T2 with a faster split and fresher legs. You can't buy a bigger time advantage. Whether you're a short-course junkie or a big-distance addict, nothing will move you down the road faster than this.

### AIRFOIL PRO BUILDS SHIMANO DURR-ACE AERO

- » The 10-speed performance standard
- » FSA Team Issue TT crankset
- » Profile T2+ and Cobra carbon aero handlebars
- » Shimano Dura Ace 7800 wheels (700c)  
Easton/Velomax Ascent II wheels (650c)

### SHIMANO ULTEGRA AERO

- » Full Dura-Ace compatibility
- » FSA Team Issue TT crankset
- » Profile T2+ and Cobra carbon aero handlebars
- » Shimano 561 wheels (700c)  
Shimano 550 wheels (650c)



**Yellow/Silver**  
Dura-Ace Aero Build



## 20 YEARS OF SPEED SCIENCE

We went through 20 years of speed science to arrive at the Airfoil Pro (including Day-Glo, man-kinis and macaroni handlebars), and it shows in every aspect. The proven seattube-less design is unequalled, and our proven geometry has been refined to make you a time-trial bullet. Prove it to yourself, the way Macca does at every race. The Airfoil Pro—keeping Kestrel on top for the 20th year running.



AIRFOIL PRO  
» CARBON



### DETAILS

- > Front derailleur hanger accommodates oversize chainrings, reinforced for precise shifts
- > Hourglass head tube and seat mast for strength and reduced aero profile

*Airfoil Pro builds shown with optional dealer-installed race wheels and aero post*

TRIATHLON

# EDGE

## ENGINEERED OFF-ROAD

Edge is the ultimate example of proven four-bar suspension, a lightweight cross-country rig that excels on steep uphill, sustained climbs and rough descents. Nothing beats four-bar's balanced combination of pedaling efficiency and active response over bumps, and just one ride on the Edge will make you a believer.

### DETAILS

- > 3.5" or 4.5" travel configurations
- > Fox Float RP3 shock
- > Toughened resin system and Aramid fibers for impact resistance
- > Fully serviceable
- > Sealed cartridge bearings throughout



**Gloss Red/Carbon**  
 Alt Color:  
 Matte Black/Carbon

## PARTS

We live and breathe carbon. We literally invented the carbon fork, and continue to redefine component standards to this day. Visit [Kestrel-USA.com](http://Kestrel-USA.com) for the full scoop.

### TALON SL/CARBON POST

Designed specifically for the Talon, the dual-position aero post adapts from road-position setback to forward tri/TT geometry with a 5mm hex key.



### FORKS

Every Kestrel frameset uses a proprietary, ride-tuned fork engineered for a perfect match. Incredible lateral stiffness for amazing handling precision, fussed for ride quality. Lifetime and No-Fault Warranties.



### HANDLEBARS

Improve any bike's climbing and sprinting stiffness, handling and cornering feel with the most well-engineered handlebars available. Handbuilt and precision-engineered for superior shock damping and ride. One-piece construction and continuous fiber runs end-to-end for strength and reliability. Lifetime and No-Fault Warranties.



Specialized FSR suspension design. U.S. Patents 5,509,679/5,678,837/5,899,480

## Road/TT Geometry

### EUOKE, EUOKE 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
Chainstay	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

### RT700

Size, center-center	48	51	53	55	57	59 cm
Standover	72.8	75.6	77.4	79.1	81.2	83.1 cm
Top Tube	51.0	52.5	54.2	55.6	57.0	58.6 cm
Head Angle	72.25	72.50	73.00	73.25	73.50	73.75 degrees
Seat Angle	75.25	74.75	74.25	73.50	73.00	72.75 degrees
BB Height	26.4	26.4	26.4	26.4	26.7	26.7 cm
Chainstay	41.0	41.0	41.0	41.0	41.0	41.0 cm
Head Tube Length	85	107	123	140	160	179 mm
Fork Rake	4.8	4.8	4.3	4.3	4.3	4.3 cm
Drop	7.1	7.1	7.1	7.1	6.8	6.8 cm
Trail	5.7	5.5	5.8	5.6	5.4	5.3 cm
Front Center	56.8	57.8	58.2	58.6	59.3	60.4 cm
Wheelbase	96.8	97.8	98.1	98.6	99.4	100.5 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	72.75	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
Chainstay	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
Chainstay	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

## Road/TT Specs

### EUOKE, EUOKE SL

Fork	Evoke	Evoke 1-1/8", integrated
Front Der.	Evoke SL	Evoke SL/Ti 1-1/8", integrated
Bottom Bracket		68 mm, English
Seatpost		32.4 mm round
Construction		Kestrel Modular Monocoque
Material	Evoke	700k/High-Modulus carbon fiber hybrid
Frame Weights	Evoke SL	800k High-Modulus carbon fiber
	Evoke	1.1 kg
	Evoke SL	960 g

### RT700

Fork	RT700 1-1/8", integrated
Front Der.	braze-on
Bottom Bracket	68 mm, English
Seatpost	Kestrel RT700 Carbon Aero, or 27.2 mm round
Construction	Kestrel Modular Monocoque Aerodynamic
Material	700k/High-Modulus carbon fiber hybrid
Frame Weight	1.1 kg

### TALON, TALON SL

Fork	EMS Pro/OS 1-1/8"	
Front Der.	braze-on	
Bottom Bracket	68 mm, English	
Seatpost	Talon	Kestrel Talon Aero, or 27.2 mm round
	Talon SL	Kestrel Talon SL/Carbon Aero, or 27.2 mm round
Construction		Kestrel Modular Monocoque Aerodynamic
Material	Talon	700k carbon fiber
	Talon SL	800k High-Modulus carbon fiber
Frame Weights	Talon	1.3 kg
	Talon SL	1.1 kg

### AIRFOIL PRO

Fork	Airfoil Pro 1-1/8", integrated
Front Der.	braze-on
Bottom Bracket	68 mm, English
Seatpost Diam.	27.2 mm
Construction	Kestrel Modular Monocoque Airfoil
Material	700k carbon fiber
Frame Weight	1.5 kg

## Mtn Specs & Geometry

### EDGE

Size, center-center	16	18	20 in
Standover	32.0	32.5	33.0 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
BB Height	12.8	12.8	12.8 in
Chainstay	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
Front Der.	plate mount, E-style, top-pull		
Bottom Bracket	68 mm, English		
Seatpost Diam.	31.6 mm		
Construction	monocoque mainframe, full-carbon rear triangle		
Material	700k carbon fiber/aramid		
Frame Weight	5.5 lbs w/shock		

All frames have Lifetime and No-Fault Warranties

Prices and specs subject to change without notice  
For more info, full specs, dealer locations and  
latest news please visit [www.kestrel-usa.com](http://www.kestrel-usa.com)

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