



KONIG > Slopestyle is perhaps the most exciting new cycling discipline seen in years. When creating the König, our goal was to channel the energy of a great run into the engineering and style of our slopestyle frame. Getting off the ground, landing in one piece (at any angle) and getting the bike where you need it to be in a split second require that a bike be light, strong and maneuverable - three things that define the König.

Adjustable Headtube Angle > Corsair frames are equipped with a headtube/headset system that allows 3 degrees of headtube angle adjustment. The König is shipped with a zero-degree headset that results in a headtube angle of 67.5 degrees when using a 530mm fork with 130mm of travel. For riders that love to fine tune their ride, our optional 1-degree headset allows the headtube angle to be increased to 68.5 degrees, or decreased to 66.5 degrees. The 1-degree headset is also extremely helpful when using a fork that differs from the recommended axle-to-crown measurement.

Center Balance > The pivot point on the König is in a mid-high position and is positioned behind the bottom bracket. By positioning the pivot in line with or behind the bottom bracket, Center Balance helps alleviate the heavy feel that can be associated with a forward pivot location. Corsair bikes have a lighter, more maneuverable front end and ride-feel because of the center balance design. This characteristic is mandatory for successful slopestyle athletes.

Center of Gravity > Low center of gravity results in a more maneuverable bike. The König's swingarm pivots are located close to the bottom bracket and the rear shock is located low and rearward, actuated directly by the swingarm. This shock placement is key in achieving the König's low center of gravity.

Low Leverage Ratio > While many bikes are developed around suspension systems that result in leverage ratios of approximately 3:1, the low stroke ratio utilized by the König, 2.5:1, results in a number of benefits: First, longer and lower stroke ratio shocks have a larger environment in which to do their work, resulting in less stress on the shock itself, leading to a more durable and longer lasting piece of equipment. Second, longer stroke shocks offer a greater range of adjustability. Finally, lower spring rates result in more sensitive shock reaction.



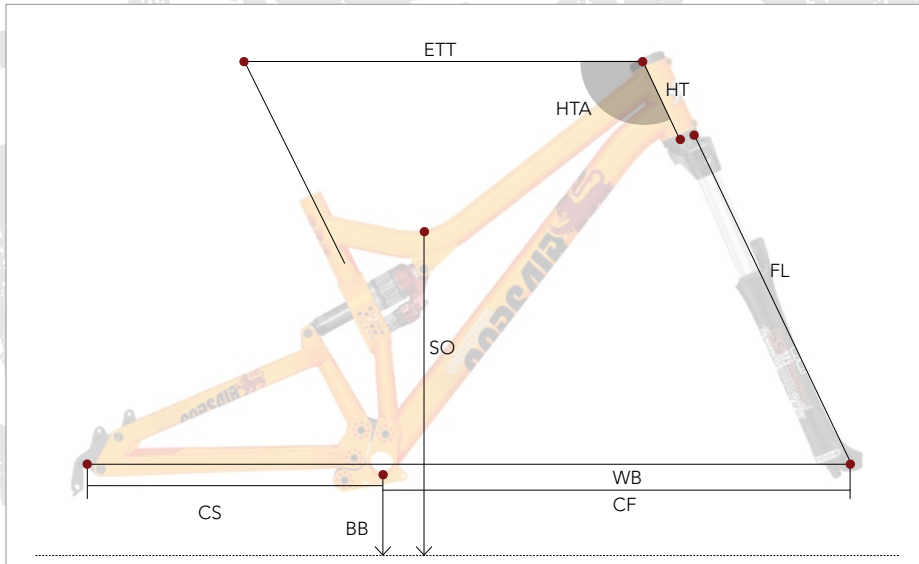
Rear Suspension Design > At first glance, the König's rear suspension system can draw the labels of a single-pivot, a virtual-pivot or a four-bar link. Once understood, it is easy to see that the König's suspension is quite simple, but with some very important benefits. First, the swingarm is attached to the König's main frame by two links. The purpose of these two links is not to create a virtual-pivot, but instead to offer a far greater amount of stiffness and strength to the rear swingarm. Slopestyle subjects the bikes and riders to extreme, difficult landings, this dual linkage system ensures predictability in performance, as well as durability. Versus a typical single-pivot, the König offers a stiffer, stronger, more predictable ride.

For those people who may think that these dual linkages create a virtual pivot, the truth is that the rear swingarm only pivots off of the upper and rearward pivot resulting in a typical, slightly rearward moving axle-path. So if you wish to categorize this design, it would be a single-pivot four bar design.

Finally, even though this suspension system has been developed for strength, stiffness and high-flying performance, we have found that an additional benefit of this design is a bike that pedals very efficiently.

Serviceability > The König's rear swingarm is attached to the main frame using four pivot-axles. These hard anodized 7075 aluminum axles thread into the frame and are prevented from loosening by Corsairs proprietary 'sure-lock' system. When it comes time for service, the König's suspension uses no washers and has been designed to be among the easiest high-performance bikes to service and maintain.

Fit, Finish & Attention to Detail > As with all Corsair bikes, great time and effort have gone into ensuring that the smallest details are treated with the greatest degree of importance. The König's hardware is recessed into the frame - this creates smooth, clean lines and durable mechanical connections. Our M8 shock mounting bolts use our proprietary design to ensure rattle-free rear shock performance. Corsair's custom-designed, interchangeable dropouts (Maxle or Q.R. compatible options), make our frames more versatile, and Finally, our 12-step painting process (which includes a special extra-durable clear coat) creates a long lasting, high quality finish.



CORSAIR KÖNIG: SLOPESTYLE		REGULAR		LONG	
		mm	in	mm	in
ST	SEAT TUBE LENGTH (C-T)	405	15.9	405	15.9
STA	SEAT TUBE ANGLE	70.8°			
OD	SEAT TUBE OD	34.9	1.4	34.9	1.4
ID	SEAT TUBE ID	30.9	1.2	30.9	1.2
ETT	EFFECTIVE TOP TUBE (C-C)	570	22.4	590	23.2
HT	HEAD TUBE LENGTH	110	4.3	110	4.3
HTA	HEAD TUBE ANGLE	67.5°			
SO	STAND OVER	678	26.7	678	26.7
CS	CHAIN STAY LENGTH (C-C)	419	16.5	419	16.5
WB	WHEEL BASE (C-C)	1070	42.1	1070	42.9
CF	CENTER TO FRONT (C-C)	651	25.6	671	26.4
DROP	BOTTOM BRACKET DROP	0			
BB	BOTTOM BRACKET HEIGHT	343	13.5	343	13.5
W	BOTTOM BRACKET WIDTH	73			
EE	REAR SHOCK (E-E)	190.5	7.5	190.5	7.5
RSW	REAR SHOCK MOUNT WIDTH	M8 X 22			
RS	REAR SHOCK STROKE	50.8	2.0	50.8	2.0
RT	REAR SUSPENSION TRAVEL	130	5.1	130	5.1
OLD	REAR AXLE WIDTH	135			
FL	SUGGESTED FORK LENGTH	530	20.8	530	20.8
FT	FRONT SUSPENSION TRAVEL	130	5.1	130	5.1

5-Star Build >

Availability: October 2007

Frame: Custom formed and shaped 6061 Aluminum Tubing, dual link swingarm, adjustable headtube angle, replaceable Maxle rear drop-outs

Sizes: Regular, Long

Rear Shock: Marzocchi Roco R w/ Piggy Back
7.5" x 2" w/ 22.0mm x 8mm hardware

Fork: Marzocchi 55 ATA with adjustable travel, 1 1/8" alloy steerer

Headset: Corsair Inside Design with 0 degree adjustment for 1 1/8" steerer

Stem: Funn Rippa Stem, 45mm x 31.8mm

Handlebars: Corsair 7050 Triple Butted - 710mm x 31.8 x 30mm rise

Grips: Funn Gorilla Lock-on grips

Brakes: Avid Code w/ 185mm rotors

Front Derailleur: N/A

Rear Derailleur: SRAM X-9 Mid Cage

Shifters: SRAM X-9 Trigger Shifter (Rear)

Cassette: SRAM PG-970DH - 11-26T nine speed

Chain: SRAM PC-951 w/ PowerLink

Crankset: Race Face Diabolis - 170mm arms

Chainrings: 36T Single Chainring

Chainguide: Race Face Diabolis Chain Guide, ISCG 05 Std

Bottom Bracket: Race Face X-Type - 73mm

Pedals: Corsair Inside Design Low Profile flat pedals

Wheels: Corsair Inside Design 5-Star wheelset

Front Hub: Corsair Cartridge bearing (2) 110 x 20mm Thru Axle - 32H

Rear Hub: Corsair Cartridge bearing (4) 135mm x 12mm Thru Axle - 32H

Spokes: Stainless 2.2- 2.0 Black Single Butted Stainless Steel
w/ silver AtomLab alloy nipples

Rims: Corsair Cold Worked and Heat Treated w/ eyelets - 32mm

Tires: Kenda Nevegal - 26x2.35"

Tubes: Kenda DH inner tubes

Saddle: Corsair Inside Design w/ 7mm Chromoly rails

Seatpost: Syncros 30.9mm

Seat QR: Corsair - 34.9mm

Corsair König is available as a frame only, or as a complete bike.

Specifications subject to change without notice

