THE PHOENIX

BY

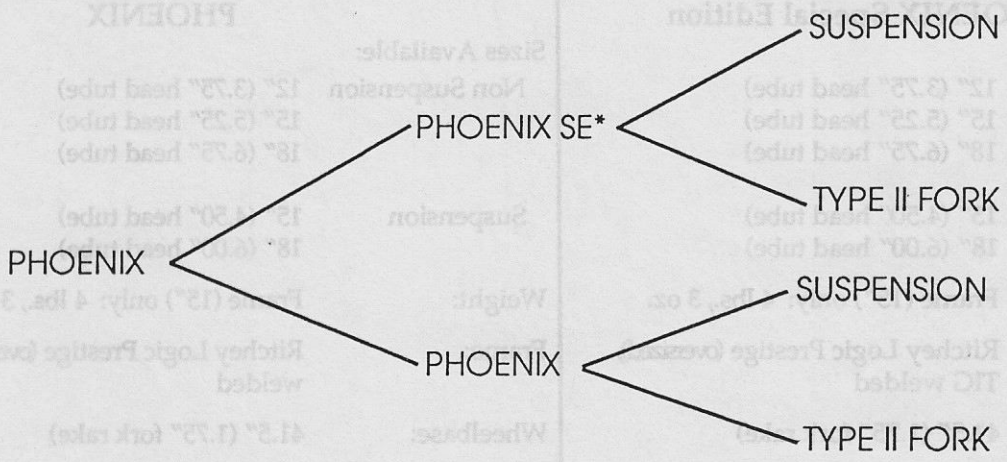
The limited-production PHOENIX frameset is the culmination of more than ten years of intensive study and design by the collective frame building expertise of Mountain Bike Hall of Fame members, Charlie Cunningham, Steve Potts and Mark Slate. Charlie, Steve and Mark have carefully honed the geometry and the necessary strength into the design of this superb handling bike. Their combined frame building experience has produced an amazingly balanced technical trail bike. Each PHOENIX frame is handcrafted to the strictest tolerances by Steve in his Marin County shop. This individual attention that each frame receives limits the total number of frames that can be created, making the PHOENIX a truly custom, limited-production bike.

The PHOENIX design is different than other frames in many respects. The weight bias of the slightly shorter front end gives the front tire a traction advantage that other frames simply cannot match. The bottom bracket height was selected to give optimum pedal clearance while retaining a sufficient drop for cranking stability. The chainstays are short enough for excellent climbing traction without compromising the downhill and trail handling. The radically sloping top tube gives great stand over clearance. But the main benefits are increased lateral rigidity (power transmission), vertical shock absorption (from a long seat post and laid down seat stays), and a lighter package due to the shorter frame tubes. The PHOENIX excels at handling the rough, technical trails with accuracy, confidence and comfort. The frame was designed to handle well in technical terrain and most people feel instantly at home on it.

The choice of Ritchey Logic Prestige tubing in unique sizes, combined with the frame design and the unusually long seatpost (when the rider has been properly sized to the frame), lend efficient power transmission along with a comfortable ride. The PHOENIX frame is available in three sizes to fit riders ranging from 5'2" to 6'6". A longer or shorter stem is used to fine tune the fit of the rider to the appropriate frame. Due to the radically sloping top tube, the frame should be sized more by the head tube length, which will give a truer picture of fit than sizing by the seat tube length. If sizing by the seat tube length is what you are more comfortable with, then specify a PHOENIX frame size that measures 4" less on seat tube length than a frame with a parallel top tube. You may also take into consideration the effective top tube length to further verify the proper fit. This will also help in determining the proper length stem .

The PHOENIX frame is available in three sizes, 12", 15" and 18", and will fit the now legendary Type II Fork. The PHOENIX Special Edition (SE) comes with Wilderness Trail Bikes SpeedMaster Roller Cam brake bosses front and rear. The PHOENIX comes with cantilever brake bosses front and rear. The two larger PHOENIX and PHOENIX SE frame sizes, 15" and 18", are also available with shorter head tubes and raised down tubes to meet the special requirements necessary to fit the popular suspension forks without compromising the geometry and ride.

PHOENIX FRAME OPTIONS



* The PHOENIX SE comes with Roller Cam Brake bosses mounted on the seatstays.

PHOENIX Frame Features

1. The only frame with design and production collaboration of three members of the Mountain Bike Hall of Fame in Crested Butte.
2. Steve Potts, Charlie Cunningham, and Mark Slate have each established a dedicated following as custom framebuilders. Collectively, the three have designed and producedwhat they believed to be the highest performance technical trail bike available in this price range today.
3. Race-proven geometry from years of performance riding, racer affiliation and sponsorship.
4. The dramatically sloping top tube of the Phoenix provides significant clearance for technical riding and generous standover height. The frame design, which features frame tubes of reduced length and weight and a correspondingly extended seat post, promotes vertical forgiveness while providing additional lateral and torsional stiffness contributing to greater power transmission. The frame has greater shock-absorbing "give" without side to side flex and twisting that causes imprecise tracking and power loss in standard frames.
5. All Phoenix framesets are currently being hand built by Steve Potts using the most advanced frame building techniques and know-how. The steel tubing, Oversized Ritchey Logic Prestige Tubing, is the best available. The cutting-edge metallurgy, butting and cold working in this tubeset extract incredible performance from this reliable material.
6. Super value: customers will be buying a handmade, essentially "custom," mountain bike. Sizing is accurately accomplished using the power band stem.
7. Wilderness Trail Bikes provides full technical support to sell and maintain the Phoenix and all WTB components.

PHOENIX
SPECIFICATIONS

PHOENIX Special Edition		PHOENIX	
Sizes Available:		Sizes Available:	
Non Suspension	12″ (3.75″ head tube) 15″ (5.25″ head tube) 18″ (6.75″ head tube)	Non Suspension	12″ (3.75″ head tube) 15″ (5.25″ head tube) 18″ (6.75″ head tube)
Suspension	15″ (4.50″ head tube) 18″ (6.00″ head tube)	Suspension	15″ (4.50″ head tube) 18″ (6.00″ head tube)
Weight:	Frame (15″) only: 4 lbs., 3 oz.	Weight:	Frame (15″) only: 4 lbs., 3 oz.
Frame:	Ritchey Logic Prestige (oversized), TIG welded	Frame:	Ritchey Logic Prestige (oversized), TIG welded
Wheelbase:	41.5″ (1.75″ fork rake)	Wheelbase:	41.5″ (1.75″ fork rake)
Seat post:	31.8 mm diameter	Seat post:	31.8 mm diameter
Top tube:	22.25″ (effective-12″); 22.75″ (effective-15″); 23.5″ (effective-18″)	Top tube:	22.25″ (effective-12″); 22.75″ (effective-15″); 23.5″ (effective-18″)
Head angle:	71°	Head angle:	71°
Seat angle:	72°	Seat angle:	72°
Chainstay:	16.9″	Chainstay:	16.9″
Bottom bracket ht:	11.7″ (1.95 tires)	Bottom bracket ht:	11.7″ (1.95 tires)
Type II fork rake:	1.75″ (options available for Type II fork)	Type II fork rake:	1.75″ (options available for Type II fork)
Suspension fork rake	Popular suspension fork rakes are 1.5″ and 1.625″ (Note: wheelbase will change by the same amount as the fork rake.)	Suspension fork rake	Popular suspension fork rakes are 1.5″ and 1.625″ (Note: wheelbase will change by the same amount as the fork rake.)
Color:	Pearl White or Midnight Blue	Color:	Pearl White or Midnight Blue
Brake studs:	Seatstay Toggle-Cam	Brake studs:	Cantilever
Cable routing:	Down tube derailleur cable routing Top tube brake cable routing	Cable routing:	Down tube derailleur cable routing Top tube brake cable routing
BB shell:	Threaded	BB shell:	Threaded

Frame Size	Standover Height	Inseam Length
12″	27 1/2″	27-31″
15″	29 3/4″	30-34″
18″	32″	33-37″

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